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REMEDIAL INVESTIGATION REPORT

Site Address: 315 Grand Concourse and 270 Walton Avenue
Bronx, New York 10451

Report Date: February 2023

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REMEDIAL INVESTIGATION REPORT

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LIST OF ACRONYMS

AOC	Area of Concern
AWQS	Ambient Water Quality Standards
AGV	Air Guidance Value
ASP	Analytical Services Protocol
ASTM	American Society for Testing and Materials
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BGS	Below Grade Surface
CAMP	Community Air Monitoring Program
COC	Chain of Custody
CPP	Citizen Participation Program
CSM	Conceptual Site Model
DER-10	Department of Remediation Technical Guidance
ELAP	Environmental Laboratory Accreditation Program
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Investigative Remedial Measures
MS	Matrix Spike
MSD	Matrix Spike Duplicate
MDL	Method Detection Limit
NAPL	Non-aqueous Phase Liquid

NYCRR	New York Codes Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PID	Photo Ionization Detector
QA/QC	Quality Assurance/ Quality Control
QAPP	Quality Assurance Project Plan
QEP	Qualified Environmental Professional
QHHEA	Qualitative Human Health Exposure Assessment
RI	Remedial Investigation
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
SCG	Standards, Criteria and Guidance
SCO	Soil Cleanup Objective
SMP	Site Management Plan
SVOC	Semi-volatile Organic Compound
TCL	Target Compounds List
TOGS	Technical and Operational Guidance Series
USGS	United States Geological Survey
VOC	Volatile Organic Compound

CERTIFICATION

I, Hilmi U. Aydin, certify that I am currently a Qualified Environmental Professional as defined in 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10).

Hilmi U. Aydin, P.E., QEP
Principal Engineer

1.0 INTRODUCTION

This Remedial Investigation Report (RIR) was prepared on behalf of Walton Street GC Developments LLC for the property located at 315 Grand Concourse and 270 Walton Avenue, Bronx, New York (the "Site"). Walton Street GC Developments LLC intends to combine the Site with the adjacent property at 261 Grand Concourse and redevelop as a residential use building.

The purpose of this RI was to collect data of sufficient quality and quantity to characterize the nature and extent of residual contamination previously identified at the Site and to complete a qualitative exposure assessment for occupants of the Site and the surrounding community and to evaluate alternatives to remediate the contamination. A prior limited investigation has confirmed presence of polycyclic aromatic hydrocarbons (PAHs) and metals at concentrations above applicable regulatory standards in soil. Soil is impacted with PAHs and metals consistent with the presence of historical fill typically found throughout New York City. Furthermore, elevated concentrations of chlorinated volatile organic compounds (CVOCs) were identified in soil vapor in the central portion of the Site.

This RIR provides the data and findings of the RI conducted at the Site between January 5 and January 26, 2023. The RI was conducted in accordance with the NYSDEC Division of Environmental Remediation (DER) Program Policy: Technical Guidance for Site Investigation and Remediation (DER-10); and the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, with updates.

2.0 SITE BACKGROUND

2.1 Site Location and Current Usage

The Site is located at 315 Grand Concourse and 270 Walton Avenue in the Mott Haven section of Bronx County, New York. The Site consists of two adjacent tax lots totaling approximately 32,400-square feet. The Site is identified as Tax Block 2344, Lots 11 (270 Walton Avenue) and 27 (315 Grand Concourse) on the New York City Tax Map. Figure 1 shows the Site location. The Site is currently vacant and was most recently utilized as drive through car wash, auto repair facility, and car wash part manufacturer (industrial/manufacturing and commercial/office use). Lot 11 is improved with a two-story industrial manufacturing building and Lot 27 is improved with a one-story commercial building with a partial cellar.

The current zoning designation for the property is C6-2A, denoting it as a Contextual General Central Commercial Zoning District. C6-2A districts allow for a variety of commercial use buildings, community facilities, and residential buildings and generally consist of large buildings with retail, office, or residential use. Contextual Zoning Districts are required to comply with the Quality Housing Program guidelines when used for residential use.

The Site was assigned an E-Designation (E-227) for hazardous materials, noise, and air quality as a result of the rezoning of the general surrounding area for Lower Concourse Rezoning and Related Actions (CEQR #08DCP071X).

2.2 Description of Surrounding Property

The Site is located within a primarily mixed residential, commercial, and industrial area of Bronx County. The property adjacent to the south is a vacant lot; the property adjacent to the northwest is a two-story industrial/manufacturing building, across East 140 Street to the north is a two-story commercial/office building and a vacant lot; the property to the west across Walton Avenue is a six-story industrial/manufacturing building; and the properties adjacent to the east across Grand Concourse are a one-story building utilized as parking, a one-story commercial/office building, and an under construction multi-story residential use building. The underground tracks for the Metropolitan Transportation

Authority (MTA) "4" and "5" lines run below Grand Concourse to the east of the Site. A Site plan showing surrounding land use is provided as Figure 2.

The nearest ecological receptor is the Harlem River located approximately 0.1-miles west of the Site. Other sensitive receptors, as defined in DER-10, within 1,000-feet of the Site include:

- Family Life Academy Charter School III at 370 Gerard Avenue
- Community School for Social Justice at 350 Gerard Avenue
- Health Opportunities High School at 350 Gerard Avenue
- Narco Freedom-Grand Concourse Health Care Facility at 250 Grand Concourse
- Success Academy Charter School at 339 Morris Avenue

2.3 Geology and Hydrogeology

According to the monitoring well survey conducted by Montrose Surveying Co., LLP, the surface elevation of the Site ranges from approximately 20.68 feet at MW-1 (southern portion) to 31.92 feet at MW-7 (northern portion) (in reference to North American Vertical Datum 1988, which is 1.508 feet below the Bronx Topo Bureau Datum).

Based on the RI, the stratigraphy of the Site, from the surface down, consists of approximately 2.5 feet of historic fill underlain by 2 feet of brown/grey sand with some weathered rock and gravel, and traces of silt, underlain by bedrock.

According to the "Bedrock and engineering geologic maps of Bronx County and part of New York and Queens counties, New York" map published by the United States Geological Survey (USGS), bedrock in this area generally consists of Manhattan Schist of the Lower Cambrian age. Manhattan Schist consist of gray, medium- to coarse-grained, layered sillimanite-muscovite-biotite-kyanite schist and gneiss interlayered with layered tourmaline-garnet-plagioclase-biotite-quartz schist and gneiss with black amphibolite layers 3 feet or more thick. Bedrock was encountered at about 1.5 to 5 feet below grade surface (bgs) during the RI.

The depth to water readings were obtained by utilizing an interface probe during the RI. The average depth to groundwater is 3.1 feet bgs and groundwater depth ranges from 1.14 feet bgs in MW-1 to 5.95 feet bgs in MW-6. Groundwater flow is from north to south.

2.4 Redevelopment Plans

The proposed new development consists of constructing two new residential towers. Minor excavation for elevator pits and foundational elements is planned due to the shallow bedrock. The northern tower will be 13-stories and contains a small cellar (existing cellar to remain), the southern tower will be 14-stories with no cellar.

3.0 SITE HISTORY

3.1 Past Uses and Ownership

Based on the available sources, the Site was undeveloped as early as 1891. Lot 11 was then developed partially as part of a two-story garage and auto supplies stock sometime between 1928 and 1935; it was vacant circa 1944 when the property was configured to its current footprint; and redeveloped with the current two-story warehouse in 2002. Lot 27 was developed as part of a two-story private garage, one-story repair shop, and a one-story automobile sales service shop sometime between 1928 and 1935; it was then developed with a filling station with multiple unground storage tanks circa 1944 when the property was configured to its current footprint; the footprint of the filling station was expanded sometime between 1951 and 1977; the footprint of the structure was expanded once again circa 1992 when the property was converted to a filling station/car wash; and it was finally improved with the current building identified as a car wash in 2003.

Tenants on Lot 11 have included Berk Supply Co. in 2004, 2009, 2014, and 2017; Perfect Car Corp in 2009 and 2017; and by YBJ Inc and Bowdeled Kevin DDs in 2009.

Tenants on Lot 27 have included has been occupied by Concourse Fair Inc/Concourse Fair Used Cars in 1961, 1965, 1971, 1976, 1983, and 1993; Christian Oil and Gas Corp in 1976; Gas Corp in 1983; Decopen Enterprises Corp in 1993, 1994, 1999, and 2000; Boulevard Car Wash in 1993, 1994, 1999, 2000, 2004, 2005, 2009, 2014, and 2017; American Car Wash Supplies in 2009 and 2014; and 315 Grand Concourse Inc. in 2009.

The Site currently owned by Walton Street GC Developments LLC.

3.2 Previous Investigations

The following prior investigations were conducted at the Site:

Phase I Screening Summary by Environmental Business Consultants (EBC), dated January 2019:

- EBC conducted this Phase I Screening in 2019, and included a site reconnaissance, records review, and interviews.

- EBC identified one recognized environmental condition (REC) as a result of their screening as follows:
    - Information from multiple historic sources indicate that Lot 27 at 315 Grand Concourse was occupied by garages, service stations and/or auto repair shops from at least 1935 through the early-2000s. Sanborn maps and database listings also indicate that at least eight underground storage tanks (USTs) were removed from Lot 27 in 2001, although no formal tank closure reports were provided for review. Lot 27 is also associated with an open/active NYSDEC spill incident dated in 1999. Therefore, the long-term historic use of the Site as a service station/repair shop, the presence of an active spill file, and the undocumented removal of multiple USTs was considered a REC.
- Based upon the above findings and conclusions, EBC recommended following:
    - A geophysical survey (e.g., magnetometer and/or ground penetrating radar surveys) should be conducted on the subject property to evaluate the presence of current and historic USTs, as well as the configurations of existing underground utilities in advance of a soil boring program.
    - If present, any historic USTs should be removed in accordance with New York State Department of Environmental Conservation (NYSDEC) and New York City Fire Department (FDNY) regulations. Any identified geophysical anomalies should be further investigated through the excavation of test pits, with soil samples collected for laboratory analysis as warranted. It is important to note that excavation areas may be necessary to facilitate the geophysical survey and any subsequent sampling.
    - To evaluate potential impacts related to historic usage of the Site, including the former USTs, a subsurface investigation should be performed. At a minimum, the investigation should include the installation of soil borings with the collection of samples for laboratory analysis to document subsurface conditions and determine the nature and extent of contamination (if present).

  - Further, the NYSDEC should be contacted regarding the open/active spill incident. Documents related to the investigation and remediation of the spill should be provided to obtain spill closure. In the event that no documentation is available sampling or other actions may be warranted to obtain closure of the spill file.

- In addition, to the aforementioned REC, two potential environmental issue/Business Environmental Risks (BERs) and one de minimis condition were identified as follows:

  - The Site was listed on the E-Designation database as having E-HazMat, Noise and Air restrictions (E-227), which were determined during the Lower Concourse Rezoning and Related Actions completed by the City in June 2009 (CEQR 08DCP071X). The Hazardous Materials designation indicates that there is a potential for soil and groundwater beneath the Site to be impacted by historic operations at the Site or adjacent properties. As such, the property requires an environmental assessment and review by the NYCOER to determine if the current and/or historic use of a property has impacted the subsurface and if additional investigation/remediation is warranted. The Noise E-Designation requires that any future residential/commercial development must provide a closed-window condition with a minimum 35 decibels (dBA)\window/wall attenuation on all facades to achieve an acceptable indoor noise environment of 45 dBA. In order to maintain a closed-window condition, an alternative means of ventilation must also be provided. Alternative means of ventilation means, but is not limited to, air conditioning. The Air E-Designation requires that any new residential and/or commercial development must use natural gas for HVAC systems or, if fuel oil is used, ensure that the boiler stacks are located at least 45 feet from the lot line facing East 138th Street to avoid any potential significant adverse air quality impacts.

  - The HazMat, Air and Noise E-designations require the issuance of a Notice to Proceed by the NYC Office of Environmental Remediation (OER) before the

property can be redeveloped. The presence of these E-Designations is considered a Business Environmental Risk.

Remedial Investigation Report by Brussee Environmental Corp (BEC)., dated April 2022:

- BEC conducted a remedial investigation (RI) at the Site on behalf of Heritage Equity Partners under the oversight of Mayor's Office of Environmental Remediation (OER) in March 2022.
- The scope of work included installation of ten soil borings (SB1 through SB10) and collection of ten soil samples and one duplicate sample, sampling of one existing monitoring well, and installation of eight soil vapor implants (SV1 through SV8) and collection of eight soil vapor samples.
- BEC reportedly attempted to install groundwater monitoring wells across the Site utilizing a 6610 Geoprobe. Refusal, due to shallow bedrock, was encountered across the Site at a depth of approximately 2 ft below the surface of the sampling location. One monitoring well (labeled by BEC as MW2E) previously installed to a depth of approximately 11 ft below grade (cored approximately 7 ft through bedrock) as part of a geotechnical investigation was found in the Grand Concourse sidewalk and one groundwater sample was collected for chemical analysis.
- The results of BEC's 2022 RI are as follows:
    - The elevation of the Site varies between 21.53 ft above mean sea level in the southeast corner of the Site to 35.84 ft above mean sea level in the northern end of Lot 27;
    - Depth to groundwater was estimated to be greater than 4.3 ft below sidewalk grade;
    - Depth to bedrock at the Site is approximately 2 ft below the building slab;
    - The stratigraphy of the Site, from the surface down, consists of 1 to 2 ft layer of a dark brown sand with gravel, followed by a thin layer of weathered bedrock, and then bedrock.

- Soil/fill samples were collected during the RI and the results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs) as presented in 6NYCRR Part 375-6.8 and CP51. Soil/fill samples showed the following:
    - One VOC, acetone (max. of 71 µg/Kg) was detected above UUSCOs within soil boring sample SB8 (0-2'). Several VOCs were detected at a trace concentrations below UUSCOS including 1,3,5-trimethylbenzene (at 2 µg/Kg), benzene (max. of 1.8 µg/Kg), carbon disulfide (at 6.6 µg/Kg), ethylbenzene (max. of 4.5 µg/Kg), m&p-xylenes (max. of 23 µg/Kg), methyl ethyl ketone (max. of 15 µg/Kg), methyl t-butyl ether (MTBE) (at 2 µg/Kg), naphthalene (at 200 µg/Kg), o-xylene (max. of 8.3 µg/Kg), styrene (at 0.67 µg/Kg), tetrachloroethene (max. of 640 µg/Kg in SB1(0-2), and 400 µg/Kg in SB2(0-2)), and toluene (max. of 200 µg/Kg).
    - Two SVOCs including benz(a)anthracene (max. of 1,100 µg/Kg) and indeno(1,2,3- cd)pyrene (max. of 680 µg/Kg) were detected above RRSCOs within three of the ten shallow soil samples. No other SVOCs were detected above UUSCOs.
    - Two pesticides, including 4,4'-DDE (at 9.5 µg/Kg) and 4,4'-DDT (max. of 9.6 µg/Kg) were detected above UUSCOs within two of the soil samples. No pesticides were detected above RRSCOs.
    - One PCB, PCB-1260 (at 420 µg/Kg) was detected above UUSCOs in one soil sample (SB6(0-2)). No PCBs were detected above RRSCOs.
    - Four metals including copper (max. of 68.3 mg/Kg), lead (max. of 165 mg/Kg), mercury (max. of 0.39 mg/Kg), nickel (max. of 32.3 mg/Kg), and zinc (max. of 198mg/Kg) were detected above UUSCOs within soil samples collected across the Site. No metals were detected above RRSCOs.
    - No PFAS compounds were detected in the soil sample.

- Groundwater sample results were collected during the RI and the results were compared to New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). Groundwater samples showed the following:
    - No SVOCs, Pesticides or PCBs were detected at measurable concentrations above GQS.
    - No VOCs were detected at a concentration above GQS within the groundwater samples. Trace concentrations of the VOCs carbon disulfide (2.5 µg/L within the duplicate), methyl t-butyl either (MTBE) (max. of 31 µg/L within the duplicate), and tetrachloroethene (PCE) (at 0.77 µg/L) were present at concentrations below GQS.
    - Several metals were identified in groundwater samples but only sodium (157 mg/L) were detected above GQS within the dissolved groundwater samples.
- Soil vapor results collected during the RI were compared to the compounds listed in Table 3.1 Air Guidance Values derived by the New York State Department of Health (NYSDOH) located in the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion, dated October 2006 and the revised NYSDOH Decision Matrices dated May 2017.
    - The soil vapor results indicated low levels of petroleum-related VOCs and low levels of chlorinated VOCs.
    - Total concentrations of petroleum-related VOCs (BTEX) within the soil vapor samples ranged from 3.67 µg/m^3 to 368 µg/m^3.
    - The chlorinated solvents detected include carbon tetrachloride at a maximum concentration of 0.52 µg/m^3, methylene chloride at 3.68 µg/m^3 in one soil vapor sample, tetrachloroethene (PCE) in all eight soil vapor samples ranging from 1.85 µg/m^3 to 827 µg/m^3, and trichloroethene (TCE) in six of the eight soil vapor samples ranging from 0.27 µg/m^3 to 4.32 µg/m^3.
    - The chlorinated VOC tetrachloroethene (PCE) was detected above the monitoring level range established within the NYSDOH soil vapor guidance matrix in one sample.

Phase I Environmental Site Assessment by Vektor Consultants (Vektor), dated November 2022:

- Vektor conducted this Phase I ESA on behalf of the Applicant in accordance with ASTM E1527-13 and E1527-21.
- The following RECs were identified as a result of this Phase I ESA:
    - Based on the review of available records, Lot 27 was utilized as part of an auto repair shop in 1935 and as a filling station between at least 1944 and 2002. These facilities typically utilize hazardous substances or petroleum products as part of their operations, and potential historic releases from these facilities could have affected the subsurface conditions. A remedial investigation was conducted at the subject in 2022 under the New York City Mayor's Office of Environmental Remediation (NYCOER) oversight, and presence of petroleum-related VOCs (up to 368 $\mu g/m^3$) and chlorinated solvents (i.e., tetrachloroethylene up to 827 $\mu g/m^3$) were identified in the soil vapor beneath the subject property. Furthermore, Lot 27 is identified on NY Spills and Underground Storage Tank (UST) databases for an active spill and undocumented removal of eight USTs, as further described in Section 5.2 of this report. Therefore, the historic uses of the Site as a filling station/auto repair in conjunction with an open spill case (#9909720) associated with former USTs with no supporting documentation represent a REC.
- In addition, to the aforementioned RECs, the following environmental issues were also identified in connection with the Site:
    - The Site is listed on the E-Designation database (E-227) for hazardous materials, noise, and air quality as a result of rezoning of the general surrounding area (Lower Concourse Rezoning and Related Actions (CEQR # 08DCP071X)). An E-Designation is a New York City zoning map designation that indicates the presence of an environmental requirement pertaining to potential hazardous materials contamination, window/wall noise attenuation, or air quality impacts. Therefore, the listing of the subject

property on the NY E-Designation database is considered an environmental concern.

  - Lot 27 is listed on the NYSDEC PBS database for four 1,500-gallon and one 1,000-gallon ASTs containing motor/lube oil and waste oil. These ASTs were observed in the basement of the LMC Lube & Car Wash Center (one 1,500-gallon steel AST containing waste oil; two 1,500-gallon steel ASTs containing motor oil; one 750-gallon steel AST containing transmission fluid; and one 1,000-gallon steel AST containing motor oil). With the exception of slight discrepancies regarding their capacity and contents, the observed ASTs are consistent with the database listing. The ASTs were observed to be in good condition.
  - Several adjacent properties were historically utilized as auto repair shops, furniture companies/warehouses, drycleaners, and garages. Potential impacts from off-site properties could not be ruled out.

- Based on the findings of this assessment, Vektor recommends the following:
  - Installation of a vapor barrier system and an active sub-slab depressurization system (SSDS) beneath the Site to prevent migration of chlorinated solvents into the buildings. Furthermore, if excavation for a new development is planned, then the soils to be excavated should be tested in accordance with respective disposal facility(s) requirements prior to excavation and disposal.
  - The NYSDEC should be contacted regarding the open spill case (Spill #9909720). The 2022 RIR should be provided to the NYSDEC for their review, and any further investigation and/or remediation activities to obtain closure of the spill case must be coordinated with the NYSDEC.
  - PBS registration be updated to reflect the actual AST capacities and contents.
  - Any future redevelopment and/or alteration work must be coordinated with the New York City Mayor's Office of Environmental Remediation (NYCOER) in order to obtain construction permits from the New York City Department of Buildings (NYCDOB). A RIR and a Remedial Action Work Plan (RAWP) are

already submitted to the NYSDEC by another Applicant. A Stipulation Letter to the existing RAWP must be prepared upon completion of project plans for new development. Additionally, a Remedial Action Plan (RAP) for noise and air quality E-Designation also needs to be prepared and approved by the NYCOER before redevelopment.

Prior environmental reports are provided in Appendix A.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

The RI included the following scope of work from January 5, 2023 through January 26, 2023:

1. Geophysical survey to locate unidentified underground storage tanks (USTs) and identify utilities in the vicinity of the proposed boring locations,

2. Installation of eight soil borings to refusal/bedrock which ranged from approximately 1.5 feet bgs (southern portion) to 5 feet bgs in the (northern portion) across the Site and collection of sixteen soil samples and additional quality assurance /quality control (QA/QC) samples,

3. Installation of six monitoring wells, redeveloping of one existing monitoring well, and collection of seven groundwater samples and additional QA/QC samples,

4. Installation of eleven soil vapor points and collection of eleven soil vapor samples and one ambient air sample as a QA/QC.

A summary of the construction details for soil borings, groundwater monitoring wells, soil vapor points are provided in Table 1.

4.1 Geophysical Survey

Prior to intrusive sampling, a geophysical survey was conducted by Coastal Environmental Solutions, Inc. (Coastal) of Medford, New York on January 5, 2023. The purpose of the geophysical survey was to identify anomalies indicative of potential underground storage tanks (USTs), locate buried utilities and clear boring locations. Coastal utilized Geophysical Survey Systems Inc. SIR-3000 cart-mounted Ground Penetrating Radar (GPR) unit with a 400 Mhz antenna, a radio-detection RD7000 precision utility locator and a Fisher M-Scope TW-6 pipe and cable locator.

A copy of the geophysical report is provided in Appendix B.

4.2 Soil Investigation

Coastal was retained to install a total of eight soil borings across the Site on January 5 through January 12, 2023. All soil borings were installed to bedrock depth which ranged across the site from 1.5 feet bgs to 5 feet bgs. Approximate depth to bedrock at each soil boring location was observed as follows:

- 1.5 feet bgs at 23SB-8
- 2 feet bgs at 23SB-1 and 23SB-2
- 4 feet bgs at 23SB-3 and 23SB-5
- 5 feet bgs at 23SB-4, 23SB-6, and 23SB-7

All soil borings were installed utilizing a direct-push drill rig; Geoprobe® 7822. Figure 3 shows the location of soil borings.

Soil samples were collected continuously into 5-foot sample barrels lined with dedicated acetate sleeves. Continuous soil samples collected from each boring was field screened for presence of volatile organic compounds (VOCs) with a Photo Ionization Detector and visually inspected for evidence of contamination. No elevated PID readings or olfactory odors were identified during this RI. Soil boring logs can be found in Appendix C.

Sixteen soil samples, one duplicate, and one matrix spike/matrix spike duplicate (MS/MSD), were collected for chemical analysis during this RI. Samples generally consisted of one shallow sample from within the top two feet of soil (0-2 feet interval), an intermediate sample (2-4 feet interval), and a sample from immediately above the bedrock/refusal interface (4-5 feet interval). All soil samples were collected using a dedicated, disposable sampling scoop to prevent cross contamination. Soil samples were immediately containerized in pre-cleaned, laboratory supplied glassware, stored in a chilled cooler (4°C), and submitted to York Analytical Laboratories (York) of Stratford, CT, under proper chain of custody procedures. Approximate corresponding datum depths are as follows:

Sample ID	Sample Intervals
23SB-1	0-2 feet bgs
23SB-2	0-2 feet bgs
23SB-3	0-2 feet bgs, 2-4 feet bgs
23SB-4	0-2 feet bgs, 2-4 feet bgs, 4-5 feet bgs
23SB-5	0-2 feet bgs, 2-4 feet bgs
23SB-6	0-2 feet bgs, 2-4 feet bgs, 4-5 feet bgs
23SB-7	0-2 feet bgs, 2-4 feet bgs, 4-5 feet bgs
23SB-8	0-1.5 feet bgs
DUP-1 (23SB-4)	0-2 feet bgs
MS/MSD (23SB-2)	0-2 feet bgs

Soil samples were analyzed at New York State Department of Health ELAP-certified laboratory for the presence of Part 375 Target Compound List (TCL) volatile organic compounds (VOCs) by EPA Method 8260, TCL semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides by EPA Method 8081, PCBs by EPA Method 8082, Target Analyte List (TAL) metals including chromium, hexavalent and chromium, trivalent by EPA Methods 6010/7473/7196, 1,4-dioxane by EPA Method 8270 SIM, and 40 per- and polyfluoroalkyl substances (PFAS) compounds via Modified EPA Method 1633.

4.3 Groundwater Investigation

Six groundwater bedrock wells designated as MW-1, MW-2, MW-3, MW-4, MW-5, and MW-6 were installed across the Site between January 9 and January 11, 2023. All six monitoring wells were installed with the same direct push Geoprobe to depths between 12 feet and 16

feet bgs. One monitoring well (MW-7) was already existing in the northeast corner of the Site. Monitoring well construction logs are provided in Appendix D.

Prior to well installation, depth to bedrock was confirmed by rock coring at three locations across the site. MW-4, MW-5, and MW-6 were installed into bedrock and collected rock cores approximately 5 feet into bedrock. Bedrock depths were measured as follows:

- MW-4: beginning of bedrock at 2 feet 8 inches below grade surface (bgs), competent bedrock starting at 4 feet 1 inches bgs, rock core collected to 9 feet 1 inches bgs
- MW-5: beginning of bedrock at 2 feet 6 inches bgs, competent bedrock starting at 4 feet 6 inches bgs, rock core collected to 9 feet 6 inches bgs
- MW-6: beginning of bedrock at 4 feet 6 inches bgs, competent bedrock starting at 5 feet bgs, rock core collected to 10 feet bgs

The bedrock monitoring wells (MW-1 through MW-6) were installed into bedrock using an air rotary drill rig with a 5-inch outer diameter down-the-hole hammer to set the outer 3.75-inch steel casing. The 3.75-inch steel casing was advanced 5 feet into bedrock, the annulus space was tremme grouted to grade. A 3-inch diameter core barrel was then advanced through the casing another 5 feet into rock from the bottom of the casing. The depth of the steel casing at each well was installed as follows:

- MW-1- steel casing set from grade to 6 feet 6 inches bgs as competent bedrock begins at 1 feet 6 inches bgs.
- MW-2- steel casing set from grade to 7 feet bgs as competent bedrock begins at 2 feet bgs.
- MW-3- steel casing set from grade to 7 feet bgs as competent bedrock begins at 2 feet bgs.
- MW-4- steel casing set from grade to 9 feet 1 inches bgs as competent bedrock begins at 4 feet 1 inches bgs.
- MW-5- steel casing set from grade to 9 feet 6 inches bgs as competent bedrock begins at 4 feet 6 inches bgs.

- MW-6- steel casing set from grade to 10 feet bgs as competent bedrock begins at 5 feet bgs.

The targeted depth of the well was 10 feet below bedrock surface. The wells are sealed at the rock/soil interface. The 10 feet screen was set 5 feet below the groundwater table. Morrie No. 1 clean sand was used to fill the annular gap around the screened interval. MW-1 was installed to a depth of approximately 13 feet bgs with a 10-foot screen for wells set at the water table from approximately 1 to 11 feet bgs. MW-2 was installed to a depth of approximately 13 feet bgs with a 10-foot screen for wells set at the water table from approximately 1 to 11 feet bgs, MW-3 was installed to a depth of approximately 13 feet bgs with a 10-foot screen for wells set at the water table from approximately 1 to 11 feet bgs. MW-4 was installed to a depth of approximately 16 feet bgs with a 10-foot screen for wells set at the water table from approximately 2 to 12 feet bgs, MW-5 was installed to a depth of approximately 16 feet bgs with a 10-foot screen for wells set at the water table from approximately 2 to 12 feet bgs, MW-6 was installed to a depth of approximately 15 feet bgs with a 10-foot screen for wells set at the water table from approximately 2 to 12 feet bgs. All monitoring wells were finished as stick-up PVC risers and sealed at the slab level.

All monitoring wells were developed by using submersible pump until the water was clear and turbidity was less than 50 Nephelometric Turbidity Units (NTU). Monitoring wells were surveyed by Montrose Surveying Co. LLP and gauged by Vektor on the same day. The average depth to groundwater is 13.3 feet bgs and the range in depth is 19.27 feet (MW-3) (NAVD88) to 27.98 feet (MW-7) (NAVD88).

One groundwater sample (total of seven) was collected from each monitoring well, plus one MS/MSD sample from MW-5, utilizing USEPA low-flow groundwater sampling techniques one week after well development. The groundwater monitoring wells were purged approximately three well volumes prior to sampling utilizing a peristaltic pump. Groundwater field parameters, including pH, specific conductivity, dissolved oxygen, oxidation-reduction potential, temperature and turbidity were measured during purging. The tubing was changed between each monitoring well to prevent cross-contamination and the low-flow equipment was cleaned with Alconox and distilled water. Samples were collected with a peristaltic pump with dedicated polyethylene tubing. Groundwater

samples were placed into laboratory supplied glassware and stored in a chilled cooler (4°C), and submitted to York of Stratford, CT, under proper chain of custody procedures.

Groundwater samples plus the MS/MSD groundwater samples collected at groundwater interface were submitted to York Analytical Laboratories, an ELAP certified laboratory, for analysis for TCL VOCs by EPA Method 8260, TCL SVOCs by EPA Method 8270, pesticides by EPA Method 8081, PCBS by EPA Method 8082, and TAL metals (total and dissolved) via EPA Method 6010, 40 PFAS compounds via Modified EPA Method 1633and 1,4-dioxane via 8270 SIM.

All groundwater monitoring wells were gauged on January 25, 2023. A groundwater contour map showing groundwater flow direction is provided on Figure 5. Groundwater sampling logs and monitoring well survey are provided in Appendix E.

4.4 Soil Vapor Investigation

Eleven soil vapor probes (designated as 23SV-1 through 23SV-11) were installed immediately above the bedrock/refusal interface at which ranged from 1.5 feet bgs to 4.5 feet bgs across the Site from January 5 through January 12, 2023. An outdoor air sample, 23OA-1, was also collected at an upwind northeastern perimeter location of the Site.

The construction of the vapor points followed the design of the NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006 with updates. For the installation of the soil vapor points were connected to ¼-inch outer diameter inert polyethylene, teflon lined, tubing which extended above ground surface to allow for purging and sampling. Prior to testing, the integrity of the seal was tested by placing a plastic shroud over the vapor points to isolate them from ambient air. Then, a helium tracer gas was applied into the shroud and was screened utilizing a helium detector for presence of helium. No helium was detected in any of the vapor points; therefore, the sampling points were confirmed to be sealed properly prior to sampling.

After purging approximately three volumes of air from each vapor point at a flow rate less than 200 milliliters per minute, representative samples were collected for laboratory analysis utilizing 6-liter SUMMA canisters fitted with 2-hour flow controllers during the sampling event on March 16, 2022. Flow controllers were set to not to exceed 0.2 liters per

minute, as established by the NYSDOH Guidance document. Upon completion of the vapor sampling, all canisters were labeled properly with the sample ID numbers, and vacuum pressure readings in the canisters before and after the sample collection. The vapor samples were submitted to York of Stratford, CT, under proper chain of custody procedures. Soil vapor samples were analyzed for VOCs via USEPA Method TO-15.

Soil vapor and outdoor ambient air sampling locations from the sampling event are shown in Figure 3. Soil vapor sampling logs are included in Table 2.

4.5 Quality Control Sampling

During the RI, field blanks, trip blanks, field duplicate samples, matrix spike/matrix spike duplicate (MS/MSD) samples, and an ambient air sample were collected and submitted for laboratory analysis. QA/QC samples include the following quality control samples:

Soil QA/QC samples

- Four field blank samples: FB010523, FB0623, FB011023, and FB011223
- Two trip blank samples: TB-1 (Lab ID) andTB-2 (Lab ID)
- One field duplicate sample: 23-DUP-1 (0-2)
- One MS/MSD sample: SB-MS-1(0-2) and SB-MSD-1(0-2)

Groundwater QA/QC samples

- Two field blank samples: FB012523 and FB012623
- Two trip blank samples: TB-1(Lab ID) and TB-2(Lab ID)
- One MS/MSD duplicate sample: MW-MS and MW-MSD

Soil Vapor QA/QC samples

- One outdoor ambient sample: 23OA-1

Field duplicates were collected to assess the accuracy of the analytical methods relative to the sample matrix. The duplicates were collected from the same sample media as the primary sample by splitting the volume of homogenized sample collected in the field into two sample containers. Duplicate soil, groundwater, and soil vapor samples were collected at the rate of one per 20 samples and submitted to the laboratory. Matrix spike and matrix

spike duplicates (MS/MSD) were collected at the rate of one per 20 samples and submitted to the laboratory.

Trip blank samples were collected to assess the potential for contamination of the sample containers and samples during the trip from the laboratory to the field, and back to the laboratory for analysis. Trip blanks contain approximately 40 milliliters of acidic water (doped with hydrochloric acid) that is sealed by the laboratory when the empty sample containers are shipped to the field, and unsealed and analyzed by the laboratory when the sample shipment is received from the field. Trip blanks accompanied samples each time they were transported to the laboratory and were analyzed for VOCs.

Field blank samples were collected to determine the effectiveness of the decontamination procedures for the groundwater sampling equipment train and the cleanliness of unused neoprene gloves and acetate liners used to collect soil samples. Field blank samples consisted of deionized, distilled water provided by the laboratory that has passed through the sampling.

4.6 Community Air Monitoring Program

Air monitoring was conducted to characterize any personnel exposures and fugitive emissions generated from the performance of the investigation activities. Air monitoring was performed in accordance with the CAMP/HASP prepared for this investigation.

Calibrated air monitoring instruments were used to monitor for potential releases of volatile organic vapors and soil particulates from the Site. Upwind and downwind air monitoring stations were established relative to each drilling location. A portable data logging Photo Ionization Detector and particulate meter were utilized during all invasive activities. The air monitoring instruments were calibrated on a daily basis prior to the start of field work. During the RI, no elevated PID or dust readings were identified. Copies of the air monitoring field forms are included in Appendix F.

4.7 Data Validation

DUSRs were not completed at the time of the submission of the RIR. DUSRs will be submitted once completed.

4.8 Investigation Derived Waste

Investigation-derived wastes (IDW) generated during the RI were containerized, as necessary. Since no evidence of contamination was observed in soil samples, the soil boring locations were backfilled with soil cuttings. Aqueous waste from monitoring well development and purging and decontamination water were placed into UN/DOT-approved 55-gallon steel drums with sealed tops. The drums will be transported off-site by a licensed waste hauler and disposed of at a permitted facility.

5.0 REMEDIAL INVESTIGATION RESULTS

All media including soil, groundwater, and soil vapor have been sampled and evaluated in the RIR. Discrete (grab) samples have been used for delineating the nature and extent of contamination and to determine the impact of contaminants on public health and the environment.

Soil results are compared to the NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs), Restricted Residential Use SCOs, and Guidance Values published in "Sampling, Analysis and Assessment of PFAS under NYSDEC's Part 375 Remedial Programs".

Groundwater results are compared to the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) Ambient Water Quality Standards (AWQS) and Guidance Values published in "Sampling, Analysis and Assessment of PFAS under NYSDEC's Part 375 Remedial Programs".

Soil vapor and air results were reviewed in conjunction with groundwater and soil data.

5.1 Fish and Wildlife Remedial Impact Analysis

The Site provides no wildlife habitat or food value. There are no natural waterways, wetlands, resources, or critical habitants of endangered species present on or adjacent to the Site. Therefore, a fish and wildlife remedial impact analysis is not required.

5.2 Geological and Hydrogeological Conditions

5.2.1 Stratigraphy

The stratigraphy of the Site, from the surface down, consists of approximately 2.5 feet of historic fill underlain by 2 feet of brown/grey sand with some weathered rock and gravel. and traces of silt, underlain by bedrock.

5.2.2 Hydrogeology

Groundwater head measurements were collected utilizing a Solinst® 122 Oil/Water Interface probe. The interface probe can measure depths to water to 0.01 inch. No free product was observed within any of the monitoring wells. The average depth to

groundwater is 13.3 feet bgs and the range in depth is 19.27 feet (MW-3) (NAVD88) to 27.98 feet (MW-7) (NAVD88). Groundwater flow is from north to south.

A table of water level data for all monitor wells is included in Table 1. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in Figure 4.

5.3 Geophysical Survey Findings

Coastal did not identify any anomalies or areas of concern indicative of potential USTs.

A copy of the geophysical report showing anomalies is provided in Appendix B.

5.4 Soil Results

Figure 3 provides the soil boring locations. Figure 5 provides a summary of soil exceedances. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, are reported in Tables 3 through 7. Laboratory analytical deliverables for soil samples are provided in Appendix G.

5.4.1 Soil Chemistry

A total of sixteen (16) soil samples plus a soil duplicate (23SB-4 (0-2')) and a matrix spike/matrix spike duplicate (MS/MSD (23SB-2(0-2'))), were collected from eight soil borings 23SB-1 through 23SB-8 during the RI between January 5 and January 12, 2023. These soil samples were analyzed for TCL VOCs, TCL SVOCs, pesticides, PCBs, TAL metals including chromium, hexavalent and chromium trivalent, 1,4-dioxane, and 40 PFAS compounds. Trip blanks were submitted to the laboratory for VOCs analysis.

Soil results are compared to the NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs), and Restricted Residential Use SCOs (RRSCOs). Concentrations of Perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) were compared to the guidance values for UUSCOs and RRSCOs presented in the November 2022 NYSDEC Sampling, Analysis and Assessment of PFAS under NYSDEC's Part 375 Remedial Programs.

Volatile Organic Compounds

No VOCs were detected above their UUSCOs in any of the soil samples.

Semi-Volatile Organic Compounds

No SVOCs were detected above their UUSCOs in any of the soil samples.

Pesticides

No pesticides were detected above their UUSCOs in any of the soil samples.

Polychlorinated Biphenyls

No PCBs were detected in any of the soil samples.

Metals

Nine metals; arsenic, barium, copper, nickel, selenium, zinc, mercury, chromium hexavalent, and chromium trivalent were detected at concentrations exceeding their respective Unrestricted Use SCOs in fourteen soil samples and the soil duplicate sample. Of these, one metal; arsenic also exceeded its respective Restricted Residential Use SCO as follows:

Contaminant	Sample ID and Depth	Exceedance (mg/kg)	UU/RRSCO (mg/kg)
Arsenic	23SB-6 (2-4')	22	UUSCO: 13 RRSCO: 16

Emerging Contaminants

PFAS compound Perfluorooctanesulfonic acid (PFOS) was detected at concentrations exceeding its respective NYSDEC Remedial Soil Guidance Unrestricted Use SCO in four soil samples and duplicate soil sample: 3.53 ug/kg in 23SB-3 (0'-2'), 4.41 ug/kg in 23SB-4 (0'-2'), 2.46 ug/kg in 23SB-4 (2'-4'), 2.24 ug/kg in 23SB-4(4'-5'), and 1.76 ug/kg soil duplicate 23SB-4(0'-2'). PFAS compound Perfluorooctanoic acid (PFOA) was detected at concentrations exceeding its respective NYSDEC Remedial Soil Guidance Unrestricted Use SCO at 0.996 ug/kg in 23SB-4(0'-2') and 0.835 ug/kg in 23SB-4(2'-4'). No PFAS compounds were detected above their respective NYSDEC Remedial Soil Guidance for Restrictive Use SCOs.

1,4-Dioxane was not detected in any of the soil samples.

Summary of Soil Analytical Results

- No VOCs, SVOCs, or Pesticides were detected above their Unrestricted Use SCOs in any of the soil samples.
- No PCBs were detected in any of the soil samples.
- 1,4-dioxane was not detected in any of the soil samples.
- One heavy metal, arsenic, was detected at an elevated concentration exceeding its respective RRSCO at 2-4 feet bgs at 23SB-6 (22 mg/kg).
- PFOS was detected in two shallow soil samples (0-2' bgs), one intermediate soil sample (2-4' bgs), one deeper sample (4-5' bgs), and duplicate soil sample (0-2' bgs) above its Unrestricted Use SCO. PFOA was detected above its respective Unrestricted Use SCO in one shallow soil sample (0-2' bgs) and one intermediate sample (2-4' bgs). However, they were not detected above their respective Guidance Limits for Restricted Residential Use.

5.5 Groundwater Results

Figure 3 provides the monitoring well locations. Figure 6 provides a summary of groundwater exceedances. A summary table of data for chemical analyses performed on groundwater samples are included in Tables 8 through 12. Laboratory analytical deliverables for groundwater samples evaluated in this RIR are provided in Appendix H.

5.5.1 Groundwater Chemistry

A total of seven groundwater samples and plus one MS/MSD sample from MW-5 were collected from seven monitoring wells MW-1 through MW-7 during the RI between January 25 through January 26, 2023. All groundwater samples were analyzed for TCL VOCs, TCL SVOCs, pesticides, PCBS, and TAL metals (total and dissolved), 40 PFAS compounds via and 1,4-dioxane.

Groundwater results are compared to the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) Ambient Water Quality Standards (AWQS) and

the Guidance Values published in "Sampling, Analysis and Assessment of PFAS under NYSDEC's Part 375 Remedial Programs".

Volatile Organic Compounds

Fifteen VOCs including 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, acetone, benzene, chloroform, ethyl benzene, isopropylbenzene, methyl tert-butyl ether (MTBE), naphthalene, n-butylbenzene, n-propylbenzene, o-xylene, sec-butylbenzene, toluene, and xylenes, total were detected above their respective AWQS in groundwater samples MW-1, MW-2, MW-4 and MW-6 as follows:

Contaminant	Sample ID	Exceedance (µg/L)	AWQS (µg/L)
1,2,4-Trimethylbenzene	MW-4	265	5
1,3,5-Trimethylbenzene	MW-4	6.5	5
Acetone	MW-1	62.4	50
	MW-2	54.7	
Benzene	MW-4	13.7	1
Chloroform	MW-1	7.33	7
Ethyl Benzene	MW-4	41.1	5
Isopropylbenzene	MW-4	29.8	5
Methyl tert-butyl ether	MW-6	26.9	10
Naphthalene	MW-4	13.2	10
n-Butylbenzene	MW-4	6.7	5
n-Propylbenzene	MW-4	79.9	5
o-Xylene	MW-4	67.6	5
sec-Butylbenzene	MW-4	9.1	5
Toluene	MW-4	91.9	5
Xylenes, Total	MW-4	149	5

Semi-Volatile Organic Compounds

No SVOCs were detected above their respective AWQS in the groundwater samples.

Pesticides

No Pesticides were detected above their respective AWQS in the groundwater samples.

Polychlorinated Biphenyls

No PCBs were detected in the groundwater samples.

Total Metals

Four naturally occurring metals, manganese, nickel, silver, and sodium, and two non-naturally occurring heavy metals, chromium, and chromium hexavalent were detected at concentrations exceeding their respective AWQS in groundwater samples as follows:

Total Metals	Sample ID	Exceedance (µg/L)	AWQS (µg/L)
Chromium	MW-1	3,830	50
	MW-2	1,900	
	MW-3	432	
Manganese	MW-6	443	300
	MW-7	480	
Nickel	MW-1	200	100
Silver	MW-1	63	50
Chromium, Hexavalent	MW-1	3,570	50
	MW-2	95	
	MW-3	370	
Sodium	MW-1	354,000	20,000
	MW-2	266,000	
	MW-3	107,000	
	MW-4	191,000	
	MW-5	924,000	
	MW-6	578,000	
	MW-7	563,000	

Dissolved Metals

Four naturally occurring metals, nickel, silver, selenium, and sodium, and one non-naturally occurring heavy metal, chromium was detected at concentrations exceeding their respective AWQS in groundwater samples as follows:

Dissolved Metals	Sample ID	Exceedance (µg/L)	AWQS (µg/L)
Chromium	MW-1	3,740	50
	MW-2	1,810	
	MW-3	370	
Manganese	MW-6	459	300
	MW-7	476	
Nickel	MW-1	192	100
Silver	MW-1	63.1	50
Selenium	MW-1	13.5	10
Sodium	MW-1	364,000	20,000
	MW-2	264,000	
	MW-3	108,000	
	MW-4	192,000	
	MW-5	796,000	
	MW-6	522,000	
	MW-7	556,000	

Emerging Contaminants

Two PFAS compounds were detected above the Part 375 Remedial Program guidance values (GV) for water as follows:

PFAS Compound	Sample ID	Exceedance (ng/L)	GV (ng/L)
PFOS	MW-1	66.3	10
	MW-2	53.2	

	MW-3	60.7	
	MW-4	112	
	MW-5	82.5	
	MW-6	152	
	MW-7	64	
PFOA	MW-1	47.4	10
	MW-2	36.1	
	MW-3	27.8	
	MW-4	51.1	
	MW-5	49.8	
	MW-6	60.8	
	MW-7	16.7	

1,4-Dioxane was detected in one groundwater sample MW-1 at a trace concentration (0.32 ug/L).

Summary of Groundwater Analytical Results

- Petroleum-related VOCs including 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, acetone, benzene, chloroform, ethyl benzene, isopropylbenzene, methyl tert-butyl ether (MTBE), naphthalene, n-butylbenzene, n-propylbenzene, o-xylene, sec-butylbenzene, toluene, and total xylenes were detected above their respective AWQS in four groundwater samples MW-1, MW-2, MW-4, and MW-6, which were collected from the southern and central portions of the Site.
- No SVOCs were detected above their respective AWQS in the groundwater samples
- No pesticides or PCBs were detected in any of the groundwater samples.
- Naturally occurring metal, sodium was detected in total and dissolved groundwater samples across the Site.
- Naturally occurring metals, nickel and silver were detected in total and dissolved groundwater sample MW-1.

- Naturally occurring metal, manganese was detected in total and dissolved groundwater samples MW-6 and MW-7.
- Naturally occurring metal selenium was detected in dissolved groundwater sample MW-1.
- Non-naturally occurring heavier metal, chromium was detected in total and dissolved groundwater samples MW-1, MW-2, and MW-3.
- Non-naturally occurring heavier metal, chromium, hexavalent was detected in total groundwater samples MW-1, MW-2, and MW-3.
- Two PFAS compounds, PFOS and PFOA, were detected above the regulatory limits in all groundwater samples. However, PFOS and PFOA were detected only in soil samples 23SB-3 and 23SB-4 at concentrations above their UUSCOs but below RRSCOs. Therefore, the presence of PFAS compounds in groundwater is likely due to an off-site source. 1,4-Dioxane was detected in one groundwater sample MW-1 at a trace concentration.

5.6 Soil Vapor Results

Figures 3 provides the soil vapor, indoor air and ambient air sampling locations. Figure 7 provide a summary of findings with detected concentrations. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 13. Laboratory data deliverables for all samples evaluated in this RIR are provided in Appendix I.

Soil Vapor

Results showed both petroleum-related and chlorinated VOCs (CVOCs) in soil vapor samples across the Site. Total concentrations of petroleum-related VOCs (BTEX) ranged from 20.51 µg/m^3 in 23SV-8 to 14,799 µg/m^3 in 23SV-6 beneath the Site. BTEX was detected as 64.363 µg/m^3 in 23SV-1, 53.609 µg/m^3 in 23SV-2, 72.921 µg/m^3 in 23SV-3, 552.5 µg/m^3 in 23SV-4, 127.272 µg/m^3 in 23SV-5, 14,799 µg/m^3 in 23SV-6, 137.811 µg/m^3 in 23SV-7, 20.514 µg/m^3 in 23SV-8, 12,654.364 µg/m^3 in 23SV-9, 2,182.037 µg/m^3 in 23SV-10, and 128.911 µg/m^3 in 23SV-11.

Methylene chloride was detected in one soil vapor sample 23SV-8, at 2.604 µg/m^3. Trichloroethylene was detected in three soil vapor samples 23SV-3, 23SV-10, and 23SV-11. The concentrations ranged from 0.591 µg/m^3 in 23SV-11 to 5.21 µg/m^3 in 23SV-10.

Tetrachloroethylene was detected in nine soil vapor samples 23SV-1, 23SV-2, 23SV-3, 23SV-4, 23SV-5, 23SV-7, 23SV-8, 23SV-10, and 23SV-11. The concentrations ranged from 2.305 µg/m^3 in 23SV-8 to 399.999 µg/m^3 in 23SV-3.

Carbon tetrachloride was detected in one soil vapor sample 23SV-8 at 0.503 µg/m^3.

1,1-Dichloroethylene (1,1-DCE), 1,1,1-Trichloroethane, Cis-1,2-Dichloroethylene (cis-1,2-DCE), and Vinyl chloride were not detected in any of the soil vapor samples.

Other VOCs detected include 1,2,4-Trimethylbenzene (max. of 1,916.357 µg/m^3 in 23SV-4), 1,3,5-Trimethylbenzene (max. of 1,179.395 µg/m^3 in 23SV-4), 2-Butanone (max. of 28.007 µg/m^3 in 23SV-10), 2-Hexanone (max. of 5.323 µg/m^3 in 23SV-11), 4-Methyl-2-pentanone (max. of 2.047 µg/m^3 in 23SV-2), Acetone (max. of 99.729 µg/m^3 in 23SV-10), Benzene (max. of 290.597 µg/m^3 in 23SV-10), Benzyl chloride (max. of 3.208 µg/m^3 in 23SV-7), Carbon disulfide (max. of 34.241 µg/m^3 in 23SV-10), Chloroform (max. of 13.178 µg/m^3 in 23SV-11), Chloromethane (max. of 1.259 µg/m^3 in 23SV-8), Cyclohexane (max. of 141.07 µg/m^3 in 23SV-10), Dichlorodifluoromethane (max. of 2.916 µg/m^3 in 23SV-8), Ethyl acetate (max. of 19.81µg/m^3 in 23SV-10), Ethyl Benzene (max. of 3,125.2µg/m^3 in 23SV-9), Isopropanol (max. of 54.056µg/m^3 in 23SV-8), Methyl tert-butyl ether (MTBE) (max. of 973.038µg/m^3 in 23SV-10), n-Heptane (max. of 61.453µg/m^3 in 23SV-10), n-Hexane (max. of 84.559µg/m^3 in 23SV-10), o-Xylene (max. 2,390µg/m^3 in 23SV-6), p- & m- Xylenes (max. of 9,260µg/m^3 in 23SV-6), p-Ethyltoluene (max. of 1,621.668µg/m^3 in 23SV-4), Propylene (max. of 2.236 µg/m^3 in 23SV-1), Styrene (max. of 66.9 µg/m^3 in 23SV-6), Tetrahydrofuran (max. of 2.565µg/m^3 in 23SV-2), Toluene (max. of 376.697µg/m^3 in 23SV-10), and Trichlorofluoromethane (Freon 11) (max. of 1.46µg/m^3 in 23SV-8).

Outdoor Air

Total concentration of petroleum-related VOCs (BTEX) in the background ambient air sample OA-1 was 3.186 µg/m^3. Results further showed elevated concentrations of chlorinated VOCs (CVOCs) in the background ambient air sample 23OA-1. Methylene

chloride was detected at 0.66 µg/m^3, Carbon tetrachloride was detected at 0.384 µg/m^3 in the outdoor ambient air sample. 1,1,1-Trichloroethane, tetrachloroethylene, Trichloroethylene, and vinyl chloride were not detected in the outdoor ambient air sample. No CVOCs exceeded their respective NYSDOH Soil Vapor Evaluation criteria in the outdoor ambient air sample.

Summary of Soil Vapor Analytical Results

Results showed elevated concentrations of petroleum related VOCs and chlorinated VOCs (CVOCs) in all soil vapor samples. More specifically, the highest concentrations of CVOC; tetrachloroethylene was detected in soil vapor samples 23SV-3 and 23SV-4 in the central portion of the Site. Total concentrations of petroleum-related VOCs (BTEX) ranged from 20.51 µg/m^3 in 23SV-8 to 14,799 µg/m^3 in 23SV-6. The highest concentration of petroleum-related VOCs were detected in the southern and western portions of the Site.

5.7 Data Usability Summary

DUSRs were not completed at the time of the submission of the RIR. DUSRs will be submitted once completed.

6.0 CONCEPTUAL SITE MODEL

Investigation results were compared to the following applicable standards and guidance values and three areas of concern were identified:

- NYSDEC Part 375 Unrestricted Use and Restricted Residential Use SCOs
- NYSDEC TOGS 1.1.1 AWQS and NYSDEC Guidance Values

6.1 Areas of Concern

The following areas of concern (AOCs) were identified at the Site:

- Arsenic Hotspot in Soil
- VOCs, Metal and Emerging Contaminants Impacts in Groundwater
- Petroleum and Chlorinated VOCs Impacts in Soil Vapor

6.1.1 Arsenic Hotspot in Soil

A historic urban fill layer extending to approximately 2.5 feet was identified beneath the Site. The fill material predominantly consists of consisting of concrete, brick and glass fragments mixed with silty sand is present beneath the Site. One metal, arsenic exceeded its respective Restricted Residential Use SCOs at 2-4 feet bgs at 23SB-6 (22 mg/kg). It was not detected in the sample collected from 4-5 feet interval at the same location.

6.1.2 VOCs, Metal, and Emerging Contaminants Impacts in Groundwater

Based on the findings of this RI, VOC and metal groundwater contamination is present beneath the Site. Groundwater samples collected indicated contamination with petroleum-related VOCs. Highest impacts were identified in MW-4 located in the northern portion of the Site (i.e.: downgradient of the existing partial cellar, where former USTs were located). Other contaminants identified include total and dissolved metals in all groundwater samples. The metals identified in the groundwater samples are consistent with groundwater quality in NYC.

Two PFAS compounds, PFOS and PFOA, were detected above the regulatory limits in all groundwater samples. However, PFOS was detected in only 23SB-3(0-2'), 23SB-4(0-2'), 23SB-4(2-4'), 23SB-4(4-5'), duplicate soil sample, and PFOA was detected in only two

shallow soil samples (23SB-3(0-2'), 23SB-4(0-2')), and duplicate soil sample above their UUSCOs but below RRSCOs. Therefore, the presence of PFAS compounds in groundwater is likely due to an off-site source.

6.1.3 Petroleum and CVOC Impacts in Soil Vapor

Results showed elevated concentrations of petroleum related VOCs and chlorinated VOCs (CVOCs) in all soil vapor samples across the Site. Total concentrations of petroleum-related VOCs (BTEX) ranged from 20.51 µg/m^3 in 23SV-8 to 14,799 µg/m^3 in 23SV-6. The highest concentration of petroleum-related VOCs were detected in the southern and western portions of the Site. The highest concentrations of CVOC; tetrachloroethylene (399.999 µg/m^3 in 23-SV-3) was identified in the central portion of the Site.

7.0 Qualitative Exposure Assessment

The objective of the qualitative exposure assessment is to identify potential receptors and pathways for human exposure to the contaminants of concern (COC) that are present at, or migrating from, the Site. Human health exposure risk was evaluated in accordance with Appendix 3B NYSDOH Qualitative Human Health Exposure Assessment and Section 3.3(c)4 of the NYSDEC DER-10. The five elements of an exposure pathway are the (1) source of contamination; (2) environmental media and transport mechanisms; (3) point of exposure; (4) route of exposure; (5) receptor population based on past, present or future events. The potentially exposed receptors and how any unacceptable exposures may be eliminated are determined from an assessment of the primary use of the area, actual and potential use of ground and surface waters that are impacted or threatened, and how any potential routes of exposure may be eliminated.

7.1 Contaminant Sources

Based on the results of the previous investigations, and the RI, the contaminants of concern at the Site include historic fill related metals in soil and groundwater, petroleum contamination in groundwater, and petroleum-related VOCs and chlorinated VOCs in soil vapor.

The soil and groundwater are impacted with historic fill-related metals, consistent with concentrations typically found in historic fill throughout New York City.

Petroleum impacts were identified in groundwater in the northern portion of the Site. The petroleum impacts in groundwater impacts appear to be localized in the northern portion, specifically downgradient of the former USTs located in the partial cellar area.

The soil vapor in the central portion is impacted with chlorinated solvents. Although these compounds were not identified in soil or groundwater samples, the potential for on-site source(s) cannot be ruled out due to the historical industrial use of the Site. The soil vapor across the Site is impacted with petroleum-related compounds. The potential for on-site source(s) cannot be ruled out due to the historical industrial use of the Site.

7.2 Current Conditions

The site is located in a densely developed part of Bronx, New York. Lot 11 is improved with a two-story industrial manufacturing building and Lot 27 is improved with a one-story commercial building with a partial cellar. Both buildings are capped with concrete slabs, and they were vacated after the Applicant acquired the Site. Therefore, human exposure to contaminated soil is unlikely.

As groundwater in this area of New York City is not used as a potable water source, a complete exposure pathway to groundwater under current site conditions is unlikely.

As the site is covered with the building's concrete slab, a potential exposure pathway for soil vapor is unlikely.

7.4 Exposure Route

An exposure route is the mechanism by which a receptor comes into contact with a chemical. Three potential primary routes exist by which chemicals can enter the body:

- Ingestion of water, fill, and/or soil;
- Inhalation of vapors and/or particulates; and
- Dermal contact with water, fill, soil, and/or building materials.

7.5 Potential Sensitive Receptors

On-Site Receptors: Lot 11 is improved with a two-story industrial manufacturing building and Lot 27 is improved with a one-story commercial building with a partial cellar. Onsite receptors are limited to workers, trespassers, site representatives and visitors granted access to the property. Under proposed future conditions, potential on-site receptors include workers and visitors.

Off-Site Receptors: Potential off-site receptors within a 500-foot radius of the Site include adult and child residents; commercial and construction workers; pedestrians; and trespassers based on the following land uses within 500 feet of the Site:

1. Commercial Businesses – existing and future
2. Residential Buildings – existing and future
3. Building Construction/ Renovation – existing and future

4. Pedestrians, Trespassers, Cyclists – existing and future
5. Schools – future

CAMP will be implemented at the Site to monitor air quality for construction workers, visitors, and the public.

7.6 Potential Exposure Pathways

On-Site: The site is currently improved with the concrete slab of the current two-story industrial manufacturing building (Lot 11) and a one-story commercial building (Lot 27) with a partial cellar. Human exposure to contaminated soil through dermal absorption, inhalation, and ingestion is unlikely due to the concrete cover.

As groundwater in this area of New York City is not used as a potable water source, a complete exposure pathway to groundwater under current site conditions is unlikely.
As the site is capped with concrete, potential exposure pathway for soil vapor is unlikely. Any future site remediation activities would be conducted under a HASP, which would control human exposure to on-site contaminants.

Off-Site: There is an existing potential exposure pathway from soil gas emanating from VOCs entering adjoining buildings as a result of any floor or wall openings/cracks. The indoor air quality at the adjoining properties may be susceptible to contamination from subsurface vapor intrusion attributable to VOCs in the area. The potential receptors from such a migration pathway into the building would be to: off-site construction and commercial workers, adult and child residents, and visitors. The primary route of exposure would be inhalation.

During the redevelopment (excavation activities), the potential exists for off-site vapor intrusion risk to off-site receptors. In the absence of a CAMP and HASP, during ground intrusive activities, off-site receptors could be exposed to particulates and vapors.

As groundwater in this area of New York City is not used as a potable water source, a complete exposure pathway to groundwater under current site conditions is unlikely.

Once the redevelopment is completed, it is unlikely for a new foundation to have cracks that would allow for vapor migration into the building. Based on the findings, the

evaluation during the remedy will include a provision for implementing actions recommended to address exposures related to soil vapor intrusion.

7.7 Exposure Assessment Conclusions and Recommendations

Based upon this analysis, exposure to contaminants in soil and groundwater is not expected under current conditions as the site is capped with a concrete slab, and groundwater in this area of New York City is not used as a potable water source. There is an existing potential exposure pathway from soil gas emanating from VOCs entering adjoining buildings as a result of any possible floor or wall openings/cracks. The indoor air quality at the adjoining properties may be susceptible to contamination from subsurface vapor intrusion attributable to VOCs in the area. Once remediation/construction activities start, any potential exposure pathway will be controlled by implementation of a CAMP and HASP.

Based on the results of the QHHEA, it is possible that a complete exposure pathway exists for the migration of site contaminants to off-site human receptors during future conditions. During redevelopment (excavation and dewatering activities), the potential exists for off-site vapor intrusion risk to off-site receptors through inhalation. In the absence of a CAMP and HASP, during ground intrusive activities, off-site receptors could be exposed to particulates and vapors. Monitoring and control measures have been and will continue to be used during any investigation and any future planned remediation to prevent completion of this pathway. Under future conditions, the Site will be remediated, and engineering and institutional controls will be implemented, if necessary, to prevent completion of this pathway.

8.0 Conclusions and Recommendations

Based on the results of this RI, the following conclusions were made:

- Geophysical survey did not identify any areas of concern indicative of anomalies consistent with underground storage tanks (USTs).
- The stratigraphy of the Site, from the surface down, consists of approximately 2.5 feet of historic fill underlain by 2 feet of brown/grey sand with some weathered rock and gravel. and traces of silt, underlain by bedrock.
- No perched groundwater was observed. The average depth to groundwater is 13.3 feet bgs and the range in depth is 19.27 feet (MW-3) (NAVD88) to 27.98 feet (MW-7) (NAVD88). Groundwater flow is from north to south.
- An arsenic hotspot in soil was identified in the western portion of Lot 27. Arsenic exceeded its respective Restricted Residential Use SCOs at 2-4 feet bgs interval at 23SB-6 (22 mg/kg). However, it was not detected in the sample collected from 4-5 feet bgs interval at the same location. Arsenic hotspot is located immediately to the west of the existing partial cellar and therefore, it should be horizontally delineated in the east, west, and north directions.
- Metal and VOCs contamination are present in the groundwater beneath the Site. The metals identified in the groundwater samples include total and dissolved metals in all groundwater samples and are consistent with groundwater quality in NYC. The petroleum impacts in groundwater impacts appear to be localized in the northern portion, specifically downgradient of the former USTs located in the partial cellar area.
- PFAS compounds were detected in groundwater samples; however, no on-site source was identified. Presence of PFOA and PFOS in groundwater is likely the result of regional groundwater conditions in the vicinity of the Site due to historical industrial uses.
- Soil vapor across the Site is impacted with petroleum-related compounds. Furthermore, soil vapor in the central portion is impacted with chlorinated solvents.

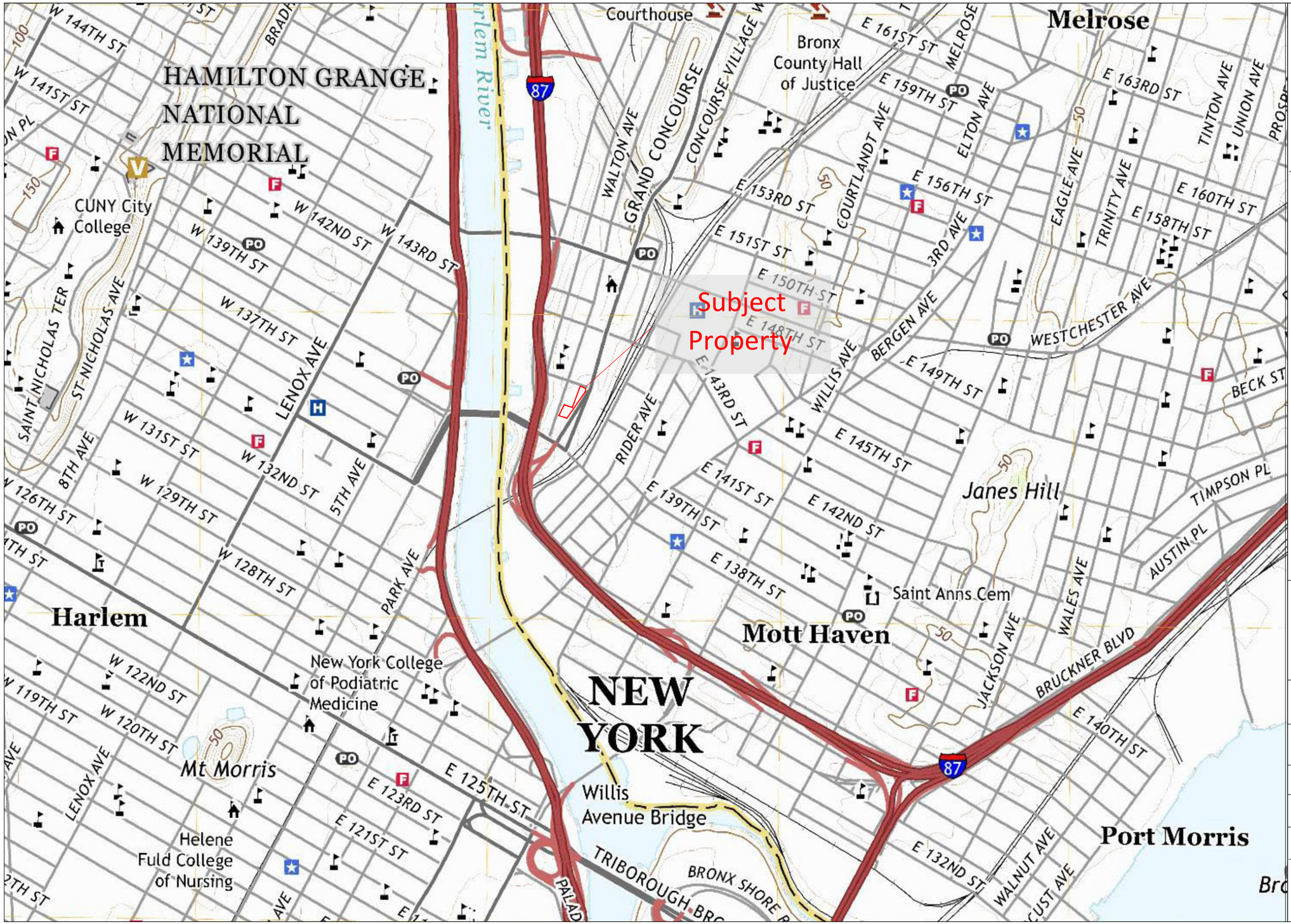
The potential for on-site source(s) cannot be ruled out due to the historical industrial use of the Site.

Based on the results of the RI, remedial action will be necessary to address the AOCs. Applicable strategies and technologies may include, but are not limited to, source removal in accordance with all applicable laws and regulations, installation of an engineering controls for soil vapor mitigation, and capping the Site with an appropriate cover system.

9.0 REFERENCES

- NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. New York: issued May 3, 2010, effective June 18, 2010.
- NYSDEC. 6 NYCRR Part 375 Environmental Remediation Programs, Environmental Remediation Programs, Subparts 375-1 to 375- 4 & 375-6. New York: Author, December 2006.
- Phase I Screening Summary by Environmental Business Consultants (EBC), dated January 2019
- Remedial Investigation Report by Brussee Environmental Corp (BEC)., dated April 2022
- Phase I Environmental Site Assessment by Vektor Consultants, dated November, 2022
- NYSDEC, October 22, 1993, Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.
- NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006 with updates.
- United States Environmental Protection Agency (USEPA), Low Flow Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells, September 19, 2017.
- United States Geological Survey (USGS), Bedrock and engineering geologic maps of Bronx County and parts of New York and Queens Counties, New York: U.S. Geological Survey, Miscellaneous Investigations Series Map I-2003, Baskerville, C.A., 1992.

FIGURES



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Legend:

Site Boundary

Scale:	Not to Scale
Figure No.	1
Figure Name:	Site Location Map
Report:	Remedial Investigation Report
Date:	02/12/2023
Drawn By:	KB
Site Address:	315 GRAND CONCOURSE, BRONX, NY

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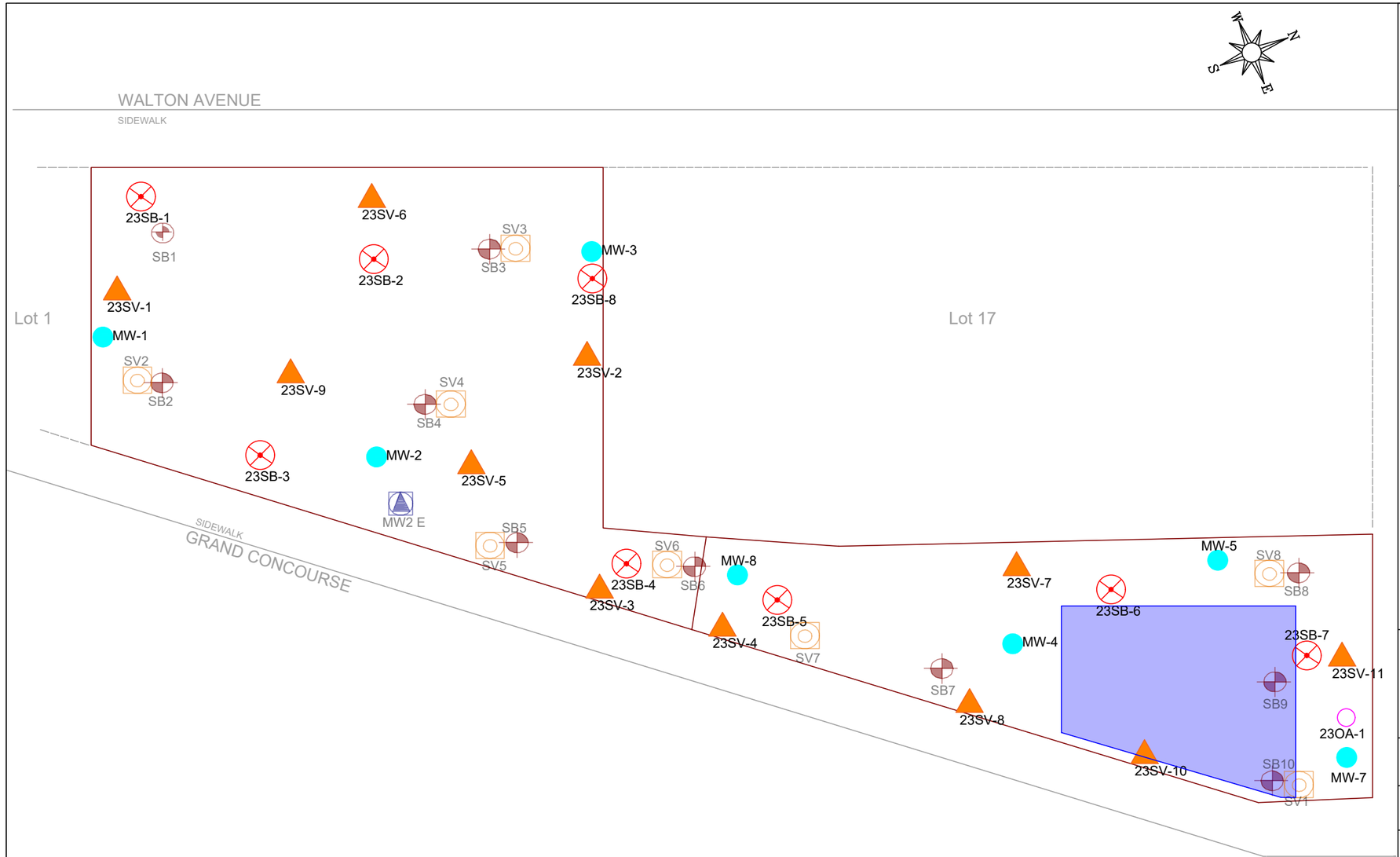
Legend:

- Site Boundaries
- Fill Ports

Notes:

1. Drawing not to scale
2. All feature locations are approximate
3. Based Map provided by Google

Scale:	Not to Scale
Figure No.	2
Figure Name:	Site Plan
Report:	Remedial Investigation Report
Date:	2/12/23
Drawn By:	KB
Site Address:	315 GRAND CONCOURSE, BRONX, NY



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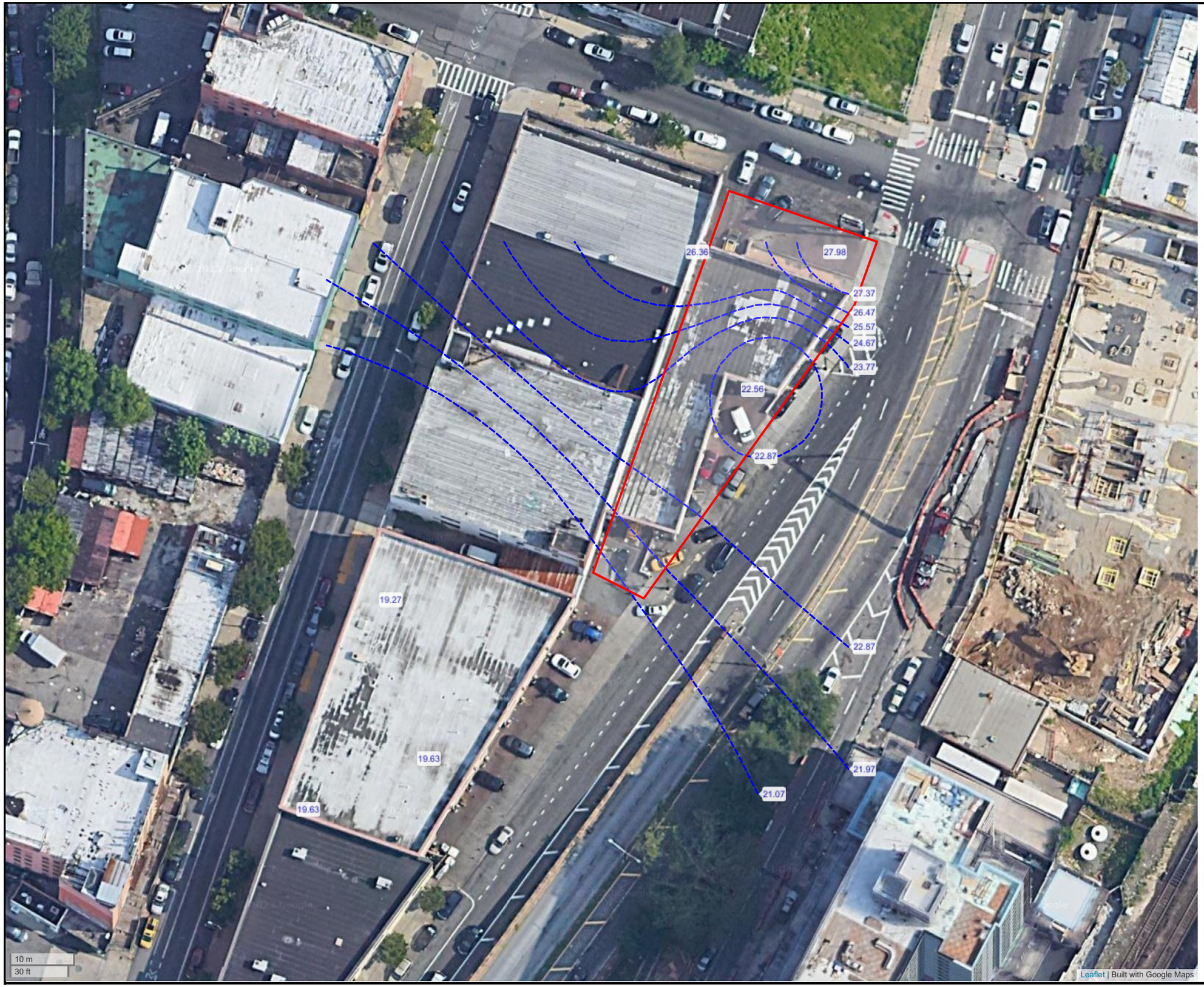
Legend:

- Site Boundary
- Prior Soil Boring Location
- Prior Soil Vapor Sampling Location
- Prior Monitoring Well Location
- SB-X — Soil Boring Location and Designated ID
- SV-X — Soil Vapor Point Location and Designated ID
- MW-X — Monitoring Well Location and Designated ID
- Basement footprint
- 23OA-1 — Ambient Air Sample and Designated ID

Notes:
1. All feature locations are approximate

Scale: 0 25 50

Figure No.	3
Figure Name:	Sampling Plan
Report:	Remedial Investigation Report
Date:	2/14/2023
Drawn By:	KB
Site Address:	315 GRAND CONCOURSE, BRONX, NY



N
W
E
S

Legend

Site Property Boundary

27.98 Groundwater Elevation (feet)

Groundwater Elevation Contour Line (feet)

Contour Interval = 0.9 feet

Latitude: 40.81459, Longitude: -73.92938

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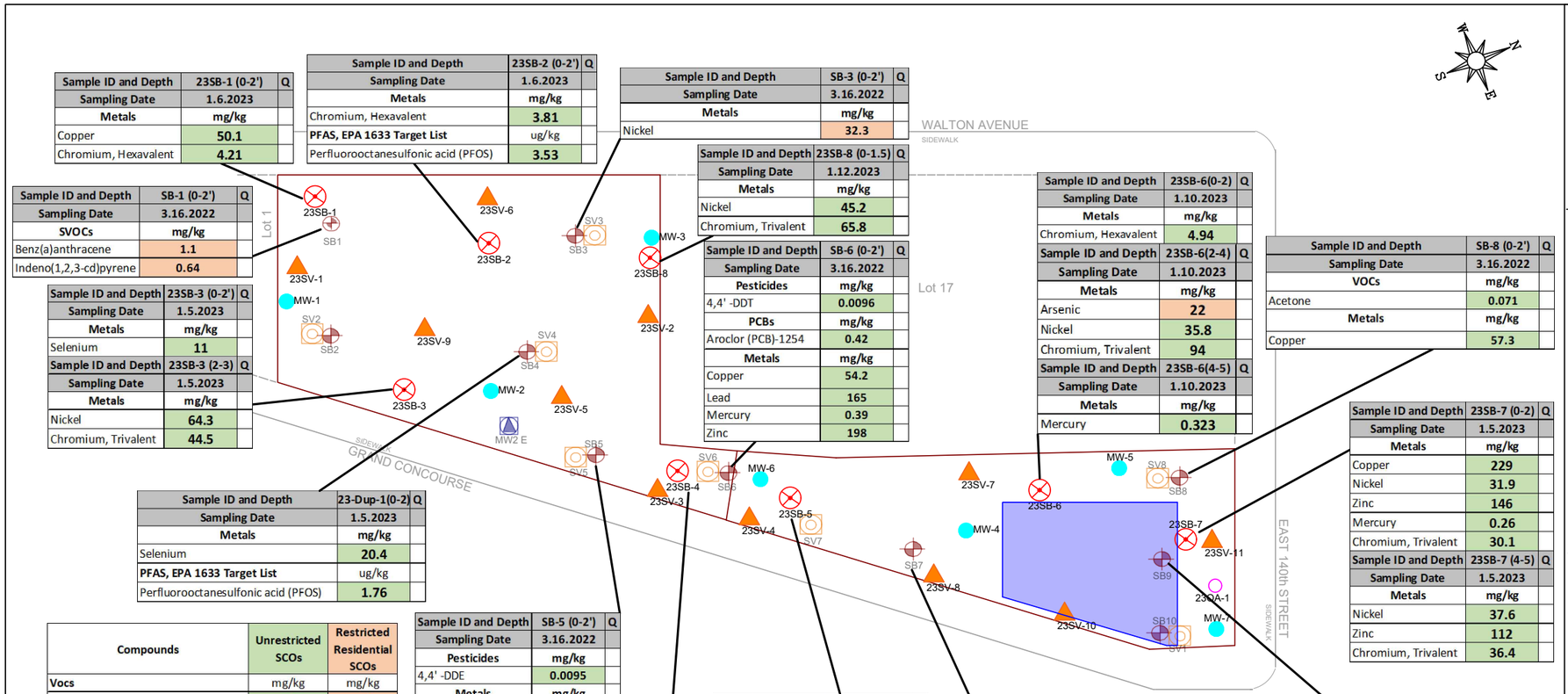
Figure 4
Groundwater Contour Map

Remedial Investigation Report
315 Grand Concourse

315 Grand Concourse Bronx,
New York



Sample ID and Depth	23SB-1 (0-2')	Q
Sampling Date	1.6.2023	
Metals	mg/kg	
Copper	50.1	
Chromium, Hexavalent	4.21	

Sample ID and Depth	23SB-2 (0-2')	Q
Sampling Date	1.6.2023	
Metals	mg/kg	
Chromium, Hexavalent	3.81	
PFAS, EPA 1633 Target List	ug/kg	
Perfluorooctanesulfonic acid (PFOS)	3.53	

Sample ID and Depth	SB-3 (0-2')	Q
Sampling Date	3.16.2022	
Metals	mg/kg	
Nickel	32.3	

Sample ID and Depth	SB-1 (0-2')	Q
Sampling Date	3.16.2022	
SVOCs	mg/kg	
Benz(a)anthracene	1.1	
Indeno(1,2,3-cd)pyrene	0.64	

Sample ID and Depth	23SB-8 (0-1.5)	Q
Sampling Date	1.12.2023	
Metals	mg/kg	
Nickel	45.2	
Chromium, Trivalent	65.8	

Sample ID and Depth	23SB-6(0-2)	Q
Sampling Date	1.10.2023	
Metals	mg/kg	
Chromium, Hexavalent	4.94	
Sample ID and Depth	23SB-6(2-4)	Q
Sampling Date	1.10.2023	
Metals	mg/kg	
Arsenic	22	
Nickel	35.8	
Chromium, Trivalent	94	
Sample ID and Depth	23SB-6(4-5)	Q
Sampling Date	1.10.2023	
Metals	mg/kg	
Mercury	0.323	

Sample ID and Depth	SB-8 (0-2')	Q
Sampling Date	3.16.2022	
VOCs	mg/kg	
Acetone	0.071	
Metals	mg/kg	
Copper	57.3	

Sample ID and Depth	23SB-3 (0-2')	Q
Sampling Date	1.5.2023	
Metals	mg/kg	
Selenium	11	
Sample ID and Depth	23SB-3 (2-3)	Q
Sampling Date	1.5.2023	
Metals	mg/kg	
Nickel	64.3	
Chromium, Trivalent	44.5	

Sample ID and Depth	SB-6 (0-2')	Q
Sampling Date	3.16.2022	
Pesticides	mg/kg	
4,4' -DDT	0.0096	
PCBs	mg/kg	
Aroclor (PCB)-1254	0.42	
Metals	mg/kg	
Copper	54.2	
Lead	165	
Mercury	0.39	
Zinc	198	

Sample ID and Depth	23SB-7 (0-2)	Q
Sampling Date	1.5.2023	
Metals	mg/kg	
Copper	229	
Nickel	31.9	
Zinc	146	
Mercury	0.26	
Chromium, Trivalent	30.1	
Sample ID and Depth	23SB-7 (4-5)	Q
Sampling Date	1.5.2023	
Metals	mg/kg	
Nickel	37.6	
Zinc	112	
Chromium, Trivalent	36.4	

Sample ID and Depth	23-Dup-1(0-2)	Q
Sampling Date	1.5.2023	
Metals	mg/kg	
Selenium	20.4	
PFAS, EPA 1633 Target List	ug/kg	
Perfluorooctanesulfonic acid (PFOS)	1.76	

Compounds	Unrestricted SCOs	Restricted Residential SCOs
Vocs	mg/kg	mg/kg
Acetone	0.05	100
SVOCs	mg/kg	mg/kg
Benzo(a)anthracene	1	1
Benzo(k)fluoranthene	0.8	3.9
Indeno(1,2,3-cd)pyrene	0.5	0.5
Pesticides	mg/kg	mg/kg
4,4'-DDE	0.0033	8.9
4,4'-DDT	0.0033	7.9
PCBs	mg/kg	mg/kg
Aroclor (PCB) 1254	~	~
Metals	mg/kg	mg/kg
Arsenic	13	16
Barium	350	400
Copper	50	270
Nickel	30	310
Selenium	3.9	180
Zinc	109	10000
Mercury	0.18	0.81
Chromium, Hexavalent	1	110
Chromium, Trivalent	30	180
PFAS, EPA 1633 Target List	ug/kg	ug/kg
Perfluorooctanesulfonic acid (PFOS)	0.88	44
Perfluorooctanoic acid (PFOA)	0.66	33

Sample ID and Depth	SB-5 (0-2')	Q
Sampling Date	3.16.2022	
Pesticides	mg/kg	
4,4' -DDE	0.0095	
Metals	mg/kg	
Zinc	118	

Sample ID and Depth	23SB-4 (0-2)	Q
Sampling Date	1.5.2023	
PFAS, EPA 1633 Target List	ug/kg	
Perfluorooctanesulfonic acid (PFOS)	4.41	
Perfluorooctanoic acid (PFOA)	0.966	
Sample ID and Depth	23SB-4 (2-4)	Q
Sampling Date	1.5.2023	
PFAS, EPA 1633 Target List	ug/kg	
Perfluorooctanesulfonic acid (PFOS)	2.46	
Perfluorooctanoic acid (PFOA)	0.835	
Sample ID and Depth	23SB-4 (4-5)	Q
Sampling Date	1.5.2023	
Metals	mg/kg	
Nickel	41.8	
Zinc	144	
Chromium, Trivalent	41.2	
PFAS, EPA 1633 Target List	ug/kg	
Perfluorooctanesulfonic acid (PFOS)	2.24	

Sample ID and Depth	23SB-5 (0-2)	Q
Sampling Date	1.5.2023	
Metals	mg/kg	
Chromium, Hexavalent	4.96	
Sample ID and Depth	23SB-5 (2-4)	Q
Sampling Date	1.5.2023	
Metals	mg/kg	
Barium	381	
Nickel	45.8	
Zinc	137	
Chromium, Trivalent	42.7	

Sample ID and Depth	SB-7 (0-2')	Q
Sampling Date	3.16.2022	
SVOCs	mg/kg	
Indeno(1,2,3-cd)pyrene	0.63	
Metals	mg/kg	
Copper	68.3	

Sample ID and Depth	SB-9 (0-2')	Q
Sampling Date	3.16.2022	
SVOCs	mg/kg	
Benzo(k)fluoranthene	0.83	
Indeno(1,2,3-cd)pyrene	0.68	

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Legend:

- Site Boundary
- Prior Soil Boring Location
- Prior Soil Vapor Sampling Location
- Prior Monitoring Well Location
- SB-X — Soil Boring Location and Designated ID
- SV-X — Soil Vapor Point Location and Designated ID
- MW-X — Monitoring Well Location and Designated ID
- Basement footprint
- 23OA-1 — Ambient Air Sample and Designated ID

Notes:
1. All feature locations are approximate
2. All units are reported in mg/kg
3. UUSCOs: Unrestricted Use Soil Cleanup Objectives
4. RRUSCOs: Restricted Residential Use SCOs
5. Green shaded values are detected concentrations above UUSCOs
6. Pink shaded values are detected concentrations above RRUSCOs

Scale: 0 25 50 75 100

Figure No. 5

Figure Name: Soil Exceedance Map

Report: Remedial Investigation Report

Date: 2/14/2023

Drawn By: KB

Site Address: 315 GRAND CONCOURSE, BRONX, NY

Sample ID	MW-1	
Sampling Date	1.26.2023	
VOCs	ug/L	Q
Acetone	62.4	
Chloroform	7.33	
Total Metals	ug/L	
Chromium	3,830	
Nickel	200	
Silver	63	
Sodium	354,000	
Chromium, Hexavalent	3,570	
Dissolved Metals	ug/L	
Chromium	3,740	
Nickel	192	
Silver	63.1	
Sodium	364,000	
Selenium	13.5	
PFAS, EPA 1633 Target List	ng/L	
Perfluorooctanesulfonic acid (PFOS)	66.3	
Perfluorooctanoic acid (PFOA)	47.4	

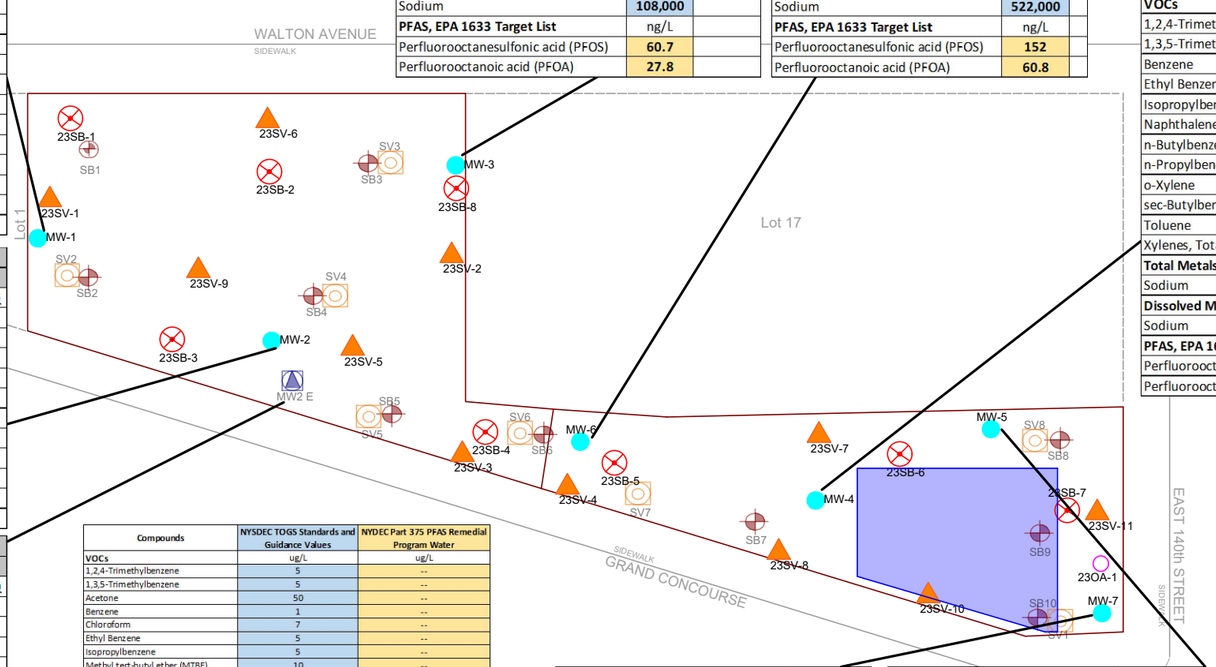
Sample ID	MW-2	
Sampling Date	1.26.2023	
VOCs	ug/L	Q
Acetone	54.7	
Total Metals	ug/L	
Chromium	1,900	
Sodium	266,000	
Chromium, Hexavalent	95	
Dissolved Metals	ug/L	
Chromium	1,810	
Sodium	264,000	
PFAS, EPA 1633 Target List	ng/L	
Perfluorooctanesulfonic acid (PFOS)	53.2	
Perfluorooctanoic acid (PFOA)	36.1	

Sample ID	MW-2E	
Sampling Date	3.19.2022	
Total Metals	ug/L	Q
Aluminum	21,800	
Calcium	74	
Copper	38,400	
Iron	26	
Magnesium	835	
Sodium	138,000	
Dissolved Metals	ug/L	
Sodium	157,000	

Sample ID	MW-3	
Sampling Date	1.26.2023	
Total Metals	ug/L	
Chromium	432	
Sodium	107,000	
Chromium, Hexavalent	370	
Dissolved Metals	ug/L	
Chromium	370	
Sodium	108,000	
PFAS, EPA 1633 Target List	ng/L	
Perfluorooctanesulfonic acid (PFOS)	60.7	
Perfluorooctanoic acid (PFOA)	27.8	

Sample ID	MW-6	
Sampling Date	1.25.2023	
Total Metals	ug/L	Q
Manganese	443	
Sodium	578,000	
Dissolved Metals	ug/L	
Manganese	459	
Sodium	522,000	
PFAS, EPA 1633 Target List	ng/L	
Perfluorooctanesulfonic acid (PFOS)	152	
Perfluorooctanoic acid (PFOA)	60.8	

Sample ID	MW-4	
Sampling Date	1.25.2023	
VOCs	ug/L	Q
1,2,4-Trimethylbenzene	265	D
1,3,5-Trimethylbenzene	6.4	D
Benzene	13.7	D
Ethyl Benzene	41.1	D
Isopropylbenzene	29.8	D
Naphthalene	13.2	JD
n-Butylbenzene	6.7	D
n-Propylbenzene	79.9	D
o-Xylene	67.6	D
sec-Butylbenzene	9.1	D
Toluene	91.9	D
Xylenes, Total	149	D
Total Metals	ug/L	
Sodium	191,000	
Dissolved Metals	ug/L	
Sodium	192,000	
PFAS, EPA 1633 Target List	ng/L	
Perfluorooctanesulfonic acid (PFOS)	112	
Perfluorooctanoic acid (PFOA)	51.1	



Compounds	NYSDEC TOGS Standards and Guidance Values	NYDEC Part 375 PFAS Remedial Program Water
VOCs	ug/L	ug/L
1,2,4-Trimethylbenzene	5	--
1,3,5-Trimethylbenzene	5	--
Acetone	50	--
Benzene	1	--
Chloroform	7	--
Ethyl Benzene	5	--
Isopropylbenzene	5	--
Methyl tert-butyl ether (MTBE)	10	--
Naphthalene	10	--
n-Butylbenzene	5	--
n-Propylbenzene	5	--
o-Xylene	5	--
sec-Butylbenzene	5	--
Toluene	5	--
Xylenes, Total	5	--
Total Metals	ug/L	ug/L
Aluminum	--	--
Calcium	--	--
Chromium	50	--
Copper	200	--
Iron	--	--
Magnesium	35000	--
Manganese	300	--
Nickel	100	--
Silver	50	--
Sodium	20000	--
Chromium, Hexavalent	50	--
Dissolved Metals	ug/L	ug/L
Chromium	50	
Manganese	300	--
Nickel	100	--
Silver	50	--
Sodium	20000	--
Selenium	10	--
PFAS, EPA 1633 Target List	ng/L	ng/L
Perfluorooctanesulfonic acid (PFOS)	--	10
Perfluorooctanoic acid (PFOA)	--	10

Sample ID	MW-7	
Sampling Date	1.25.2023	
Total Metals	ug/L	Q
Manganese	480	
Sodium	563,000	
Dissolved Metals	ug/L	
Manganese	476	
Sodium	556,000	
PFAS, EPA 1633 Target List	ng/L	
Perfluorooctanesulfonic acid (PFOS)	64	
Perfluorooctanoic acid (PFOA)	16.7	

Sample ID	MW-5	
Sampling Date	1.25.2023	
VOCs	ug/L	Q
Methyl tert-butyl ether (MTBE)	26.9	
Total Metals	ug/L	
Sodium	924,000	
Dissolved Metals	ug/L	
Sodium	796,000	
PFAS, EPA 1633 Target List	ng/L	
Perfluorooctanesulfonic acid (PFOS)	82.5	
Perfluorooctanoic acid (PFOA)	49.8	

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Legend:

- Site Boundary
- Prior Soil Boring Location
- Prior Soil Vapor Sampling Location
- Prior Monitoring Well Location
- SB-X — Soil Boring Location and Designated ID
- SV-X — Soil Vapor Point Location and Designated ID
- MW-X — Monitoring Well Location and Designated ID
- Basement footprint
- 23OA-1 — Ambient Air Sample and Designated ID

Notes:
1. All feature locations are approximate
2. SVOCs and Metals are reported in micrograms per liter (ug/L)
3. PFAS results are reported in nanograms per liter (ng/L)
4. Q is the Qualifier from Data Usability Summary Report

Scale: 0 25 50 75 100

Figure No.	6
Figure Name:	Groundwater Exceedance Map
Report:	Remedial Investigation Report
Date:	2/14/2023
Drawn By:	KB
Site Address:	315 GRAND CONCOURSE, BRONX, NY

Sample ID	23 SV-1	
Sampling Date	1.12.2023	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
1,2,4-Trimethylbenzene	2.064	D
2-Butanone	5.601	D
4-Methyl-2-pentanone	0.737	D
Acetone	35.617	D
Benzene	1.086	D
Carbon disulfide	0.716	D
Dichlorodifluoromethane	2.224	D
Ethyl Benzene	4.775	D
Isopropanol	6.143	D
n-Hexane	1.233	D
o-Xylene	5.642	D
p- & m- Xylenes	15.191	D
p-Ethyltoluene	1.72	D
Propylene	2.236	D
Tetrachloroethylene	16.271	D
Tetrahydrofuran	1.002	D
Toluene	37.67	D
Trichlorofluoromethane (Freon 11)	1.067	D

Sample ID	SV-4	
Sampling Date	3.18.2022	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
Acetone	3.32	
Carbon Tetrachloride	0.32	
Chloroform	1.36	
Dichlorodifluoromethane	2.22	
Ethanol	13.6	
Ethylbenzene	4.24	
Hexane	2.15	
Isopropylalcohol	1.28	
Xylene (m&p)	10.8	
Methylene Chloride	3.68	
Xylene (o)	2.15	
Propylene	1.16	
Tetrachloroethene	23.4	
Tetrahydrofuran	1.3	
Toluene	4.67	
Trichlorofluoromethane	1.34	

Sample ID	23 SV-6	
Sampling Date	1.12.2023	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
1,2,4-Trimethylbenzene	162	D
1,3,5-Trimethylbenzene	36.3	D
2-Butanone	7.09	D
Acetone	56.7	D
Carbon disulfide	5.49	D
Ethyl Benzene	3,020	D
Isopropanol	29.6	BD
n-Heptane	13.8	D
n-Hexane	11.9	D
o-Xylene	2,390	D
p- & m- Xylenes	9,260	D
p-Ethyltoluene	140	D
Styrene	66.9	D
Toluene	129	D

Sample ID	SV-3	
Sampling Date	3.18.2022	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
Acetone	1.95	
Carbon Tetrachloride	0.44	
Chloroform	6.15	
Dichlorodifluoromethane	2.35	
Ethanol	10.6	
Ethylbenzene	7.85	
Hexane	1.71	
Isopropylalcohol	2.27	
Xylene (m&p)	20	
Xylene (o)	3.8	
Tetrachloroethene	30.2	
Tetrahydrofuran	1.69	
Toluene	6.48	
Trichloroethene	0.86	
Trichlorofluoromethane	1.3	

Sample ID	23 SV-2	
Sampling Date	1.12.2023	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
1,2,4-Trimethylbenzene	2.26	D
2-Butanone	10.023	D
2-Hexanone	1.597	D
4-Methyl-2-pentanone	2.047	D
Acetone	92.605	D
Carbon disulfide	0.778	D
Chloroform	7.809	D
Chloromethane	0.392	D
Dichlorodifluoromethane	2.274	D
Ethyl Benzene	3.863	D
Isopropanol	22.605	D
n-Hexane	0.881	D
o-Xylene	3.429	D
p- & m- Xylenes	11.284	D
p-Ethyltoluene	1.72	D
Tetrachloroethylene	5.627	D
Tetrahydrofuran	2.565	D
Toluene	35.033	D
Trichlorofluoromethane (Freon 11)	1.067	D

Sample ID	SV-6	
Sampling Date	3.18.2022	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
1,2,4-Trimethylbenzene	1.95	
4-Ethyltoluene	1.49	
Acetone	23.7	
Benzene	2.43	
Carbon Tetrachloride	0.36	
Dichlorodifluoromethane	2.56	
Ethanol	29.2	
Ethylbenzene	15.2	
Hexane	2.17	
Isopropylalcohol	182	
Xylene (m&p)	69	
Methyl Ethyl Ketone	2.19	
Xylene (o)	23.4	
Propylene	4.78	
Tetrachloroethene	827	
Tetrahydrofuran	1.43	
Toluene	9.04	
Trichloroethene	4.32	
Trichlorofluoromethane	1.29	

Sample ID	23 SV-7	
Sampling Date	1.12.2023	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
1,2,4-Trimethylbenzene	176.895	D
1,3,5-Trimethylbenzene	34.89	D
2-Butanone	4.127	D
4-Methyl-2-pentanone	0.901	D
Acetone	33.243	D
Benzene	2.331	D
Benzyl chloride	3.208	D
Carbon disulfide	6.848	D
Chloroform	3.319	D
Cyclohexane	0.963	D
Dichlorodifluoromethane	2.175	D
Ethyl Benzene	13.89	D
Isopropanol	8.845	BD
Methyl tert-butyl ether (MTBE)	61.265	D
n-Heptane	3.114	D
n-Hexane	6.342	D
o-Xylene	24.305	D
p- & m- Xylenes	52.082	D
p-Ethyltoluene	132.682	D
Propylene	1.72	D
Styrene	0.724	D
Tetrachloroethylene	47.457	D
Toluene	45.204	D

Sample ID	SV-8	
Sampling Date	3.18.2022	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
4-Ethyltoluene	1.41	
Acetone	294	
Benzene	16.2	
Carbon Disulfide	10.6	
Carbon Tetrachloride	0.5	
Chloroform	11.1	
Chloromethane	1.4	
Cyclohexane	10.4	
Dichlorodifluoromethane	2.28	
Ethanol	282	
Ethylbenzene	46.9	
Heptane	21.1	
Hexane	33.3	
Isopropylalcohol	24.8	
Xylene (m&p)	170	
Methyl Ethyl Ketone	31.2	
MTBE	7.49	
Xylene (o)	49	
Tetrachloroethene	1.85	
Tetrahydrofuran	30.9	
Toluene	85.9	
Trichlorofluoromethane	1.31	

Sample ID	SV-2	
Sampling Date	3.18.2022	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
1,2,4-Trimethylbenzene	1.45	
Acetone	23.7	
Carbon Disulfide	1.38	
Carbon Tetrachloride	0.4	
Chloroform	5.17	
Dichlorodifluoromethane	2.64	
Ethanol	17.5	
Ethylbenzene	16	
Hexane	2.22	
Isopropylalcohol	3.96	
Xylene (m&p)	45.6	
Methyl Ethyl Ketone	2.84	
n-Butylbenzene	1.08	
Xylene (o)	15.1	
Tetrachloroethene	30.8	
Tetrahydrofuran	2.27	
Toluene	6.52	
Trichloroethene	0.59	
Trichlorofluoromethane	1.47	

Sample ID	SV-9	
Sampling Date	1.12.2023	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
1,2,4-Trimethylbenzene	206.377	D
1,3,5-Trimethylbenzene	54.056	D
2-Butanone	7.37	D
Acetone	61.737	D
Carbon disulfide	5.914	D
Ethyl Benzene	3,125.2	D
Isopropanol	34.399	D
n-Heptane	22.123	D
n-Hexane	7.399	D
o-Xylene	1,996.468	D
p- & m- Xylenes	7,378.25	D
p-Ethyltoluene	201.48	D
Styrene	55.354	D
Toluene	154.446	D

Sample ID	SV-11	
Sampling Date	1.12.2023	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
1,2,4-Trimethylbenzene	3.734	D
1,3,5-Trimethylbenzene	1.818	D
2-Butanone	1.887	D
2-Hexanone	5.323	D
Acetone	9.973	D
Benzene	15.328	D
Carbon disulfide	1.089	D
Chloroform	13.178	D
Cyclohexane	4.473	D
Dichlorodifluoromethane	2.323	D
Ethyl acetate	1.225	D
Ethyl Benzene	18.23	D
Isopropanol	6.88	BD
Methyl tert-butyl ether (MTBE)	79.285	D
n-Heptane	4.916	D
n-Hexane	23.958	D
o-Xylene	18.229	D
p- & m- Xylenes	47.742	D
p-Ethyltoluene	4.275	D
Styrene	0.639	D
Tetrachloroethylene	5.763	D
Toluene	29.382	D
Trichloroethylene	0.591	D
Trichlorofluoromethane (Freon 11)	1.123	D

Sample ID	SV-5	
Sampling Date	1.12.2023	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
1,2,4-Trimethylbenzene	4.865	D
1,3,5-Trimethylbenzene	1.966	D
2-Butanone	6.486	D
4-Methyl-2-pentanone	1.802	D
Acetone	40.366	D
Benzene	1.692	D
Chloromethane	0.31	D
Dichlorodifluoromethane	2.323	D
Ethyl Benzene	4.775	D
Isopropanol	6.143	BD
n-Hexane	2.502	D
o-Xylene	4.774	D
p- & m- Xylenes	14.322	D
p-Ethyltoluene	4.128	D
Propylene	2.064	D
Tetrachloroethylene	12.881	D
Tetrahydrofuran	1.533	D
Toluene	101.708	D
Trichlorofluoromethane (Freon 11)	1.179	D

Sample ID	SV-8	
Sampling Date	1.12.2023	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
1,2,4-Trimethylbenzene	1.572	D
2-Butanone	1.327	D
4-Methyl-2-pentanone	0.901	D
Acetone	12.347	D
Benzene	1.118	D
Carbon tetrachloride	0.503	D
Chloromethane	1.259	D
Cyclohexane	1.48	D
Dichlorodifluoromethane	2.916	D
Ethyl acetate	1.225	D
Ethyl Benzene	3.125	D
Isopropanol	54.056	BD
Methylene chloride	2.604	D
n-Heptane	0.656	D
n-Hexane	1.867	D
o-Xylene	2.17	D
p- & m- Xylenes	6.944	D
p-Ethyltoluene	1.278	D
Tetrachloroethylene	2.305	D
Toluene	7.157	D
Trichlorofluoromethane (Freon 11)	1.46	D

Sample ID	SV-10	
Sampling Date	1.12.2023	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
1,2,4-Trimethylbenzene	122.843	D
1,3,5-Trimethylbenzene	48.65	D
2-Butanone	28.007	D
Acetone	99.729	D
Benzene	290.597	D
Carbon disulfide	34.241	D
Cyclohexane	141.07	D
Ethyl acetate	19.81	D
Ethyl Benzene	334.223	D
Isopropanol	14.005	D
Methyl tert-butyl ether (MTBE)	973.038	D
n-Heptane	61.453	D
n-Hexane	84.559	D
o-Xylene	312.491	D
p- & m- Xylenes	868.029	D
p-Ethyltoluene	132.682	D
Styrene	8.09	D
Tetrachloroethylene	33.22	D
Toluene	376.697	D
Trichloroethylene	5.21	D

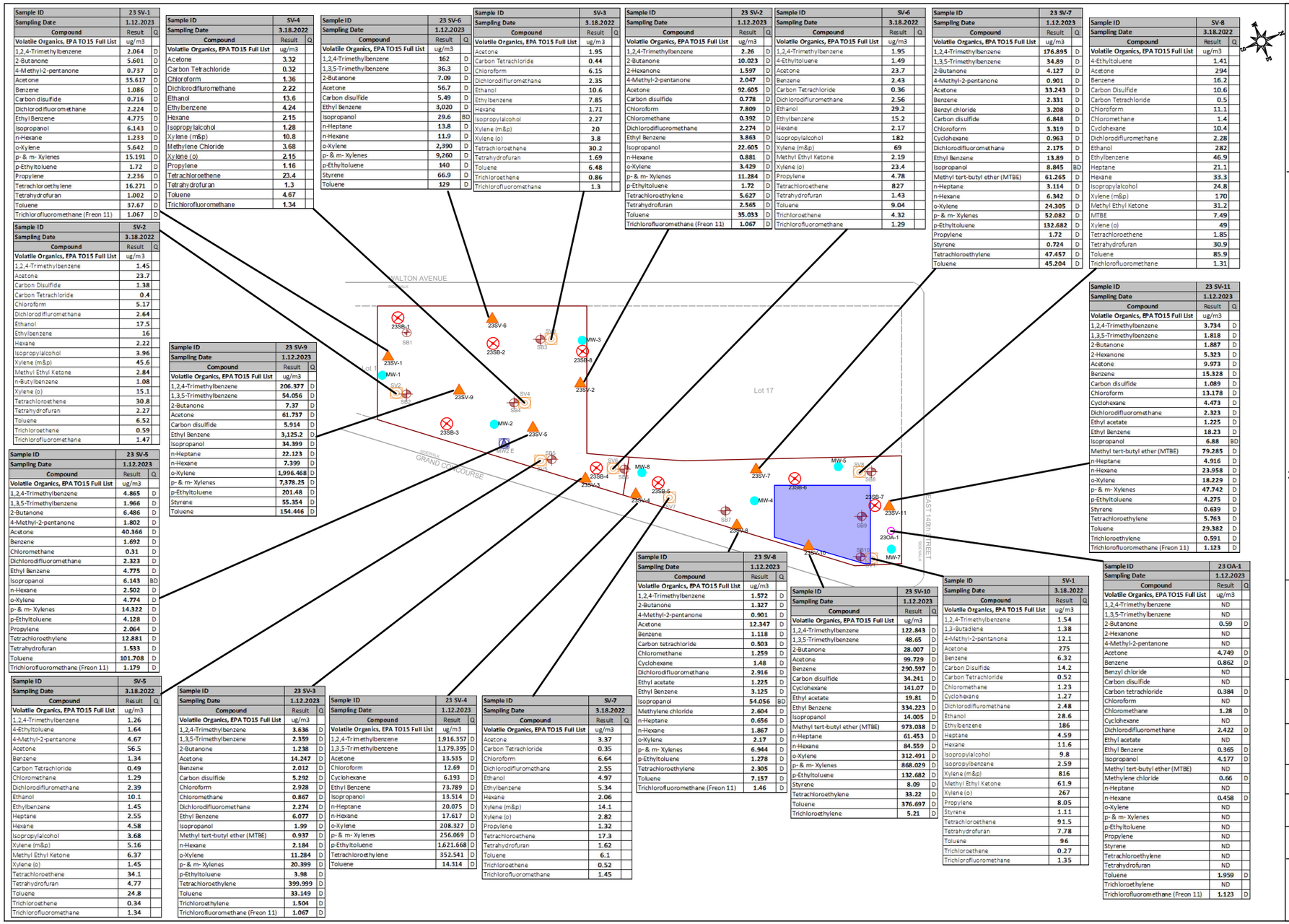
Sample ID	SV-1	
Sampling Date	3.18.2022	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
1,2,4-Trimethylbenzene	1.54	
1,3-Butadiene	1.38	
4-Methyl-2-pentanone	12.1	
Acetone	275	
Benzene	6.32	
Carbon Disulfide	14.2	
Carbon Tetrachloride	0.52	
Chloromethane	1.23	
Cyclohexane	1.27	
Dichlorodifluoromethane	2.48	
Ethanol	28.6	
Ethylbenzene	186	
Heptane	4.59	
Hexane	11.6	
Isopropylalcohol	9.8	
Isopropylbenzene	2.59	
Xylene (m&p)	816	
Methyl Ethyl Ketone	61.9	
Xylene (o)	267	
Propylene	8.05	
Styrene	1.11	
Tetrachloroethene	91.5	
Tetrahydrofuran	7.78	
Toluene	96	
Trichloroethene	0.27	
Trichlorofluoromethane	1.35	

Sample ID	SV-3	
Sampling Date	1.12.2023	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
1,2,4-Trimethylbenzene	3.636	D
1,3,5-Trimethylbenzene	2.359	D
2-Butanone	1.238	D
Acetone	14.247	D
Benzene	2.012	D
Carbon disulfide	5.292	D
Chloroform	2.928	D
Chloromethane	0.867	D
Dichlorodifluoromethane	2.274	D
Ethyl Benzene	6.077	D
Isopropanol	1.99	D
Methyl tert-butyl ether (MTBE)	0.937	D
n-Hexane	2.184	D
o-Xylene	11.284	D
p- & m- Xylenes	20.399	D
p-Ethyltoluene	3.98	D
Tetrachloroethylene	399.999	D
Toluene	33.149	D
Trichloroethylene	1.504	D
Trichlorofluoromethane (Freon 11)	1.067	D

Sample ID	SV-4	
Sampling Date	3.18.2022	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
1,2,4-Trimethylbenzene	1,916.357	D
1,3,5-Trimethylbenzene	1,179.395	D
Acetone	13.535	D
Chloroform	12.69	D
Cyclohexane	6.193	D
Ethyl Benzene	73.789	D
Isopropanol	13.514	D
n-Heptane	20.075	D
n-Hexane	17.617	D
o-Xylene	208.327	D
p- & m- Xylenes	256.069	D
p-Ethyltoluene	1,621.668	D
Tetrachloroethylene	352.541	D
Toluene	14.314	D

Sample ID	SV-7	
Sampling Date	3.18.2022	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
Acetone	3.37	
Carbon Tetrachloride	0.35	
Chloroform	6.64	
Dichlorodifluoromethane	2.55	
Ethanol	4.97	
Ethylbenzene	5.34	
Hexane	2.06	
Xylene (m&p)	14.1	
Xylene (o)	2.82	
Propylene	1.32	
Tetrachloroethene	17.3	
Tetrahydrofuran	1.62	
Toluene	6.1	
Trichloroethene	0.52	
Trichlorofluoromethane	1.45	

Sample ID	23 OA-1	
Sampling Date	1.12.2023	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
1,2,4-Trimethylbenzene	ND	
1,3,5-Trimethylbenzene	ND	
2-Butanone	0.59	D
2-Hexanone	ND	
4-Methyl-2-pentanone	ND	
Acetone	4.749	D
Benzene	0.862	D
Benzyl chloride	ND	
Carbon disulfide	ND	
Carbon tetrachloride	0.384	D
Chloroform	ND	
Chloromethane	1.28	D
Cyclohexane	ND	
Dichlorodifluoromethane	2.422	D
Ethyl acetate	ND	
Ethyl Benzene	0.365	D
Isopropanol	4.177	D
Methyl tert-butyl ether (MTBE)	ND	
Methylene chloride	0.66	D
n-Heptane	ND	
n-Hexane	0.458	D
o-Xylene	ND	
p- & m- Xylenes	ND	
p-Ethyltoluene	ND	
Propylene	ND	
Styrene	ND	
Tetrachloroethylene	ND	
Tetrahydrofuran	ND	
Toluene	1.959	D
Trichloroethylene	ND	
Trichlorofluoromethane (Freon 11)	1.123	D



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Legend:

- Site Boundary
- Prior Soil Boring Location
- Prior Soil Vapor Sampling Location
- Prior Monitoring Well Location
- SB-X — Soil Boring Location and Designated ID
- SV-X — Soil Vapor Point Location and Designated ID
- MW-X — Monitoring Well Location and Designated ID
- Basement footprint
- 23OA-1 — Ambient Air Sample and Designated ID

Notes:
1. All feature locations are approximate
2. All units are reported in ug/m3

Scale: 0 25 50 75 100

Figure No. 7

Figure Name: Soil Vapor Detections Map

Report: Remedial Investigation Report

Date: 2/14/2023

Drawn By: KB

Site Address: 315 GRAND CONCOURSE, BRONX, NY

TABLES

Table 1
Construction Details for Soil Borings, Monitoring Wells, and Soil Vapor Points
315 Grand Concourse and 270 Walton Avenue, Bronx, New York

Installation Date	Soil Boring ID	Total Depth from Grade (feet)
1/6/2023	23SB-1 (0-2)	2'
1/6/2023	23SB-2 (0-2)	2'
1/5/2023	23SB-3 (0-2)	4'
1/5/2023	23SB-3 (2-4)	
1/5/2023	23SB-4 (0-2)	5'
1/5/2023	23SB-4 (2-4)	
1/5/2023	23SB-4 (4-5)	
1/5/2023	23SB-5 (0-2)	4'
1/5/2023	23SB-5 (2-4)	
1/10/2023	23SB-6 (0-2)	5'
1/10/2023	23SB-6 (2-4)	
1/10/2023	23SB-6 (4-5)	
1/5/2023	23SB-7 (0-2)	5'
1/5/2023	23SB-7 (2-4)	
1/5/2023	23SB-7 (4-5)	
1/12/2023	23SB-8 (0-1.5)	1.5'

Table 1
Construction Details for Soil Borings, Monitoring Wells, and Soil Vapor Points
315 Grand Concourse and 270 Walton Avenue, Bronx, New York

Installation Date	Monitoring Well ID	Total Depth from Grade (feet)	Top of the Casing (TOC) Elevation	Depth to Water from TOC (ft)	Groundwater Elevation
1/17/2023	MW-1	12.51	22.37	2.74	19.63
1/17/2023	MW-2	12.32	22.79	3.16	19.63
1/17/2023	MW-3	12.58	23.16	3.89	19.27
1/11/2023	MW-4	15.82	28.68	6.12	22.56
1/11/2023	MW-5	15.32	31.81	5.45	26.36
1/11/2023	MW-6	14.79	27.65	7.45	20.2
N/A	MW-7	9.78	31.7	3.72	27.98

Notes:

Bedrock wells MW-1 through MW-6 were installed during the RI

Monitoring well MW-7 existing at the Site from a prior investigation

Table 1
Construction Details for Soil Borings, Monitoring Wells, and Soil Vapor Points
315 Grand Concourse and 270 Walton Avenue, Bronx, New York

Installation Date	Soil Vapol ID	Total Depth from Grade (feet)
1/6/2023	23SV-1	1.5'
1/6/2023	23SV-2	1.5'
1/5/2023	23SV-3	4'
1/5/2023	23SV-4	4'
1/6/2023	23SV-5	2'
1/6/2023	23SV-6	2'
1/10/2023	23SV-7	4.5'
1/5/2023	23SV-8	4'
1/12/2023	23SV-9	1.5'
1/10/2023	23SV-10	4.5'
1/5/2023	23SV-11	4'
1/12/2023	23OA-1	--

Table 2
Soil Vapor Sampling Log
315 Grand Concourse and 270 Walton Avenue, Bronx, New York

Sample Date	Sample ID	Canister ID	Flow Controller ID	Canister Pressure in Field ('Hg') Start	Canister Pressure in Field ('Hg') Stop	Start Sampling Time	Start Sampling Date	Stop Sampling Time	Stop Sampling Date
1/12/2023	23SV-1	28315	17186	30	4	9:16	1/12/2023	11:15	1/12/2023
1/12/2023	23SV-2	36990	6877	30	4	9:16	1/12/2023	11:15	1/12/2023
1/12/2023	23SV-3	37794	Y-22	29	4	9:15	1/12/2023	11:16	1/12/2023
1/12/2023	23SV-4	28857	5707	29	4	9:15	1/12/2023	11:15	1/12/2023
1/12/2023	23SV-5	52840	Y-39	30	4	9:17	1/12/2023	11:16	1/12/2023
1/12/2023	23SV-6	34496	6865	30	4	9:17	1/12/2023	14:15	1/12/2023
1/12/2023	23SV-7	28852	3350	30	4	9:14	1/12/2023	11:17	1/12/2023
1/12/2023	23SV-8	37011	7609	29	4	9:14	1/12/2023	11:17	1/12/2023
1/12/2023	23SV-9	24058	12182	30	4	9:16	1/12/2023	11:15	1/12/2023
1/12/2023	23SV-10	28855	5627	30	4	9:15	1/12/2023	11:18	1/12/2023
1/12/2023	23SV-11	37007	7086	30	4	9:18	1/12/2023	11:18	1/12/2023
1/12/2023	23OA-1	42995	Y-42	30	4	9:14	1/12/2023	11:19	1/12/2023

Table 3
VOCs in Soil
315 Grand Concourse and 270 Walton Avenue, Bronx, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	23SB-1 (0-2)		23SB-2 (0-2)		23SB-3 (0-2)		23SB-3 (2-3)		23SB-4 (0-2)		23SB-4 (2-4)		23SB-4 (4-5)		23-Dup-1(0-2)	
Laboratory ID				23A0372-01		23A0372-02		23A0210-01		23A0210-02		23A0210-03		23A0210-04		23A0210-05		23A0210-06	
Sampling Date				1/6/23		1/6/23		1/5/23		1/5/23		1/5/23 0:00		1/5/23		1/5/23		1/5/23	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
1,1,2-Trichloroethane	79-00-5	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
1,1-Dichloroethane	75-34-3	0.27	26	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
1,2,3-Trichloropropane	96-18-4	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
1,2-Dibromoethane	106-93-4	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
1,2-Dichloropropane	78-87-5	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
1,3-Dichlorobenzene	541-73-1	2.4	49	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
1,4-Dichlorobenzene	106-46-7	1.8	13	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
1,4-Dioxane	123-91-1	0.1	13	0.048	U	0.048	U	0.074	U	0.067	U	0.042	U	0.051	U	0.05	U	0.062	U
2-Butanone	78-93-3	0.12	100	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
2-Hexanone	591-78-6	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
4-Methyl-2-pentanone	108-10-1	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Acetone	67-64-1	0.05	100	**0.011**		**0.011**		0.0074	U	0.0067	U	0.0042	U	**0.025**		0.005	U	0.0094	J
Acrolein	107-02-8	~	~	0.0048	U	0.0048	U	0.0074	U	0.0067	U	0.0042	U	0.0051	U	0.005	U	0.0062	U
Acrylonitrile	107-13-1	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Benzene	71-43-2	0.06	4.8	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Bromochloromethane	74-97-5	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Bromodichloromethane	75-27-4	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Bromoform	75-25-2	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Bromomethane	74-83-9	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Carbon disulfide	75-15-0	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Chlorobenzene	108-90-7	1.1	100	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Chloroethane	75-00-3	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Chloroform	67-66-3	0.37	49	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	J	0.0026	U	0.0025	U	0.0039	J
Chloromethane	74-87-3	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Cyclohexane	110-82-7	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Dibromochloromethane	124-48-1	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Dibromomethane	74-95-3	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Dichlorodifluoromethane	75-71-8	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Ethyl Benzene	100-41-4	1	41	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Hexachlorobutadiene	87-68-3	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Isopropylbenzene	98-82-8	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Methyl acetate	79-20-9	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Methylcyclohexane	108-87-2	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Methylene chloride	75-09-2	0.05	100	0.0048	U	0.006	J	0.0074	JB	0.0067	U	0.0055	JB	0.0084	JB	0.0058	JB	0.012	B
n-Butylbenzene	104-51-8	12	100	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
n-Propylbenzene	103-65-1	3.9	100	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
o-Xylene	95-47-6	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
p- & m- Xylenes	179601-23-1	~	~	0.0048	U	0.0048	U	0.0074	U	0.0067	U	0.0042	U	0.0051	U	0.005	U	0.0062	U
p-Isopropyltoluene	99-87-6	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
sec-Butylbenzene	135-98-8	11	100	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Styrene	100-42-5	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
tert-Butylbenzene	98-06-6	5.9	100	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Tetrachloroethylene	127-18-4	1.3	19	0.0024	U	0.0024	U	0.0038	J	**0.011**		0.0021	U	0.0026	U	0.0025	U	0.0031	U
Toluene	108-88-3	0.7	100	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Trichloroethylene	79-01-6	0.47	21	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Trichlorofluoromethane	75-69-4	~	~	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Vinyl Chloride	75-01-4	0.02	0.9	0.0024	U	0.0024	U	0.0037	U	0.0034	U	0.0021	U	0.0026	U	0.0025	U	0.0031	U
Xylenes, Total	1330-20-7	0.26	100	0.0072	U	0.0073	U	0.011	U	0.01	U	0.0063	U	0.0077	U	0.0076	U	0.0093	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
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 estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
~=this indicates that no regulatory limit has been established for this analyte

Table 3
VOCs in Soil
315 Grand Concourse and 270 Walton Avenue, Bronx, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	23SB-5 (0-2)		23SB-5 (2-4)		23SB-6(0-2)		23SB-6(2-4)		23SB-6(4-5)		23SB-7 (0-2)		23SB-7 (2-4)		23SB-7 (4-5)		23SB-8 (0-1.5)	
Laboratory ID				23A0210-07		23A0210-08		23A0435-03		23A0435-04		23A0435-05		23A0210-09		23A0210-10		23A0210-11		23A0580-01	
Sampling Date				1/5/23		1/5/23		1/10/23		1/10/23		1/10/23		1/5/23		1/5/23		1/5/23		1/12/23	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 MASTER		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1		1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
1,1,1-Trichloroethane	71-55-6	0.68	100	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
1,1,2-Trichloroethane	79-00-5	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
1,1-Dichloroethane	75-34-3	0.27	26	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
1,2,3-Trichloropropane	96-18-4	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
1,2-Dibromoethane	106-93-4	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
1,2-Dichloroethane	107-06-2	0.02	3.1	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
1,2-Dichloropropane	78-87-5	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
1,3-Dichlorobenzene	541-73-1	2.4	49	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
1,4-Dichlorobenzene	106-46-7	1.8	13	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
1,4-Dioxane	123-91-1	0.1	13	0.071	U	0.046	U	0.042	U	0.055	U	0.057	U	0.065	U	0.037	U	0.061	U	0.046	U
2-Butanone	78-93-3	0.12	100	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0053	J	0.0032	U	0.0019	U	0.0031	U	0.0023	U
2-Hexanone	591-78-6	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
4-Methyl-2-pentanone	108-10-1	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Acetone	67-64-1	0.05	100	0.0072	J	0.0046	U	**0.0084**		0.0055	U	**0.024**		0.0065	U	**0.011**		0.0061	U	**0.033**	
Acrolein	107-02-8	~	~	0.0071	U	0.0046	U	0.0042	U	0.0055	U	0.0057	U	0.0065	U	0.0037	U	0.0061	U	0.0046	U
Acrylonitrile	107-13-1	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Benzene	71-43-2	0.06	4.8	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Bromochloromethane	74-97-5	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Bromodichloromethane	75-27-4	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Bromoform	75-25-2	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Bromomethane	74-83-9	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Carbon disulfide	75-15-0	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Chlorobenzene	108-90-7	1.1	100	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Chloroethane	75-00-3	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Chloroform	67-66-3	0.37	49	0.0035	U	0.0031	J	0.0021	U	0.0027	U	0.0028	U	0.0032	U	**0.0049**		0.004	J	0.0023	U
Chloromethane	74-87-3	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Cyclohexane	110-82-7	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Dibromochloromethane	124-48-1	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Dibromomethane	74-95-3	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Dichlorodifluoromethane	75-71-8	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Ethyl Benzene	100-41-4	1	41	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Hexachlorobutadiene	87-68-3	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Isopropylbenzene	98-82-8	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Methyl acetate	79-20-9	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	**0.031**		0.0019	U	0.0031	U	0.0023	U
Methylcyclohexane	108-87-2	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Methylene chloride	75-09-2	0.05	100	0.0096	JB	0.0069	JB	**0.0094**		0.0055	U	**0.015**		0.0065	U	0.012	B	0.012	B	0.0046	U
n-Butylbenzene	104-51-8	12	100	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
n-Propylbenzene	103-65-1	3.9	100	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
o-Xylene	95-47-6	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
p- & m- Xylenes	179601-23-1	~	~	0.0071	U	0.0046	U	0.0042	U	0.0055	U	0.0057	U	0.0065	U	0.0037	U	0.0061	U	0.0046	U
p-Isopropyltoluene	99-87-6	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
sec-Butylbenzene	135-98-8	11	100	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Styrene	100-42-5	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.0035	U	0.0023	U	**0.027**		0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
tert-Butylbenzene	98-06-6	5.9	100	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Tetrachloroethylene	127-18-4	1.3	19	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Toluene	108-88-3	0.7	100	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Trichloroethylene	79-01-6	0.47	21	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Trichlorofluoromethane	75-69-4	~	~	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Vinyl Chloride	75-01-4	0.02	0.9	0.0035	U	0.0023	U	0.0021	U	0.0027	U	0.0028	U	0.0032	U	0.0019	U	0.0031	U	0.0023	U
Xylenes, Total	1330-20-7	0.26	100	0.011	U	0.0069	U	0.0063	U	0.0082	U	0.0085	U	0.0097	U	0.0056	U	0.0092	U	0.0069	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
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 estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
~=this indicates that no regulatory limit has been established for this analyte

Table 4
SVOCs in Soil
315 Grand Concourse and 270 Walton Avenue, Bronx, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	23SB-1 (0-2)		23SB-2 (0-2)		23SB-3 (0-2)		23SB-3 (2-3)		23SB-4 (0-2)		23SB-4 (2-4)		23SB-4 (4-5)		23-Dup-1(0-2)	
Laboratory ID				23A0372-01		23A0372-02		23A0210-01		23A0210-02		23A0210-03		23A0210-04		23A0210-05		23A0210-06	
Sampling Date				1/6/23		1/6/23		1/5/23		1/5/23		1/5/23 0:00		1/5/23		1/5/23		1/5/23	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.0192	U	0.0192	U	0.0196	U	0.0196	U	0.0196	U	0.0196	U	0.0196	U	0.0196	U
SVOA, 8270 MASTER		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				2		2		2		2		2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.102	U	0.0886	U	0.091	U	0.093	U	0.0893	U	0.0931	U	0.091	U	0.0881	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
1,3-Dichlorobenzene	541-73-1	2.4	49	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
1,4-Dichlorobenzene	106-46-7	1.8	13	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.102	U	0.0886	U	0.091	U	0.093	U	0.0893	U	0.0931	U	0.091	U	0.0881	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
2,4-Dichlorophenol	120-83-2	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
2,4-Dimethylphenol	105-67-9	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
2,4-Dinitrophenol	51-28-5	~	~	0.102	U	0.0886	U	0.091	U	0.093	U	0.0893	U	0.0931	U	0.091	U	0.0881	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
2-Chloronaphthalene	91-58-7	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
2-Chlorophenol	95-57-8	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
2-Methylnaphthalene	91-57-6	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
2-Methylphenol	95-48-7	0.33	100	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
2-Nitroaniline	88-74-4	~	~	0.102	U	0.0886	U	0.091	U	0.093	U	0.0893	U	0.0931	U	0.091	U	0.0881	U
2-Nitrophenol	88-75-5	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
3-Nitroaniline	99-09-2	~	~	0.102	U	0.0886	U	0.091	U	0.093	U	0.0893	U	0.0931	U	0.091	U	0.0881	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.102	U	0.0886	U	0.091	U	0.093	U	0.0893	U	0.0931	U	0.091	U	0.0881	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
4-Chloroaniline	106-47-8	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
4-Nitroaniline	100-01-6	~	~	0.102	U	0.0886	U	0.091	U	0.093	U	0.0893	U	0.0931	U	0.091	U	0.0881	U
4-Nitrophenol	100-02-7	~	~	0.102	U	0.0886	U	0.091	U	0.093	U	0.0893	U	0.0931	U	0.091	U	0.0881	U
Acenaphthene	83-32-9	20	100	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Acenaphthylene	208-96-8	100	100	0.0509	U	0.0444	U	**0.0742**	JD	**0.0572**	JD	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Acetophenone	98-86-2	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Aniline	62-53-3	~	~	0.203	U	0.177	U	0.182	U	0.186	U	0.179	U	0.186	U	0.182	U	0.176	U
Anthracene	120-12-7	100	100	0.0509	U	0.0444	U	**0.115**	D	**0.0624**	JD	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Atrazine	1912-24-9	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Benzaldehyde	100-52-7	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Benzidine	92-87-5	~	~	0.203	U	0.177	U	0.182	U	0.186	U	0.179	U	0.186	U	0.182	U	0.176	U
Benzo(a)anthracene	56-55-3	1	1	0.0509	U	0.0444	U	**0.340**	D	**0.236**	D	0.0447	U	0.0467	U	**0.064**	JD	**0.0598**	JD
Benzo(a)pyrene	50-32-8	1	1	0.0509	U	0.0444	U	**0.319**	D	**0.241**	D	0.0447	U	0.0467	U	**0.0895**	JD	**0.0725**	JD
Benzo(b)fluoranthene	205-99-2	1	1	0.0509	U	0.0444	U	**0.247**	D	**0.187**	D	**0.0478**	JD	0.0467	U	**0.0735**	JD	**0.0683**	JD
Benzo(g,h,i)perylene	191-24-2	100	100	0.0509	U	0.0444	U	**0.169**	D	**0.137**	D	0.0447	U	0.0467	U	**0.064**	JD	0.0441	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	0.0509	U	0.0444	U	**0.292**	D	**0.211**	D	0.0447	U	0.0467	U	**0.0684**	JD	**0.0655**	JD
Benzoic acid	65-85-0	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Benzyl alcohol	100-51-6	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Benzyl butyl phthalate	85-68-7	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	**0.0581**	JD	0.0456	U	0.0441	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0509	U	0.0444	U	**0.0625**	JD	0.0466	U	**0.422**	D	**0.0931**	D	0.0456	U	**0.0486**	JD
Caprolactam	105-60-2	~	~	0.102	U	0.0886	U	0.091	U	0.093	U	0.0893	U	0.0931	U	0.091	U	0.0881	U
Carbazole	86-74-8	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Chrysene	218-01-9	1	3.9	0.0509	U	0.0444	U	**0.306**	D	**0.215**	D	0.0447	U	0.0467	U	**0.0604**	JD	**0.0584**	JD
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.0509	U	0.0444	U	**0.0625**	JD	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Dibenzofuran	132-64-9	7	59	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Diethyl phthalate	84-66-2	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Dimethyl phthalate	131-11-3	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Di-n-butyl phthalate	84-74-2	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Di-n-octyl phthalate	117-84-0	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	**0.0871**	JD	0.0467	U	0.0456	U	0.0441	U
Fluoranthene	206-44-0	100	100	0.0509	U	0.0444	U	**0.599**	D	**0.343**	D	**0.0464**	JD	0.0467	U	**0.127**	D	**0.112**	D
Fluorene	86-73-7	30	100	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Hexachlorobenzene	118-74-1	0.33	1.2	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Hexachlorobutadiene	87-68-3	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Hexachloroethane	67-72-1	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.0509	U	0.0444	U	**0.14**	D	**0.11**	D	0.0447	U	0.0467	U	**0.0458**	JD	0.0441	U
Isophorone	78-59-1	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Naphthalene	91-20-3	12	100	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Nitrobenzene	98-95-3	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
N-Nitrosodimethylamine	62-75-9	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Pentachlorophenol	87-86-5	0.8	6.7	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Phenanthrene	85-01-8	100	100	0.0509	U	0.0444	U	**0.262**	D	**0.107**	D	0.0447	U	0.0467	U	**0.0676**	JD	0.0441	U
Phenol	108-95-2	0.33	100	0.0509	U	0.0444	U	0.0456	U	0.0466	U	0.0447	U	0.0467	U	0.0456	U	0.0441	U
Pyrene	129-00-0	100	100	0.0509	U	0.0444	U	**0.505**	D	**0.325**	D	0.0447	U	0.0467	U	**0.0866**	JD	**0.076**	JD

NOTES:
Any Regulatory Exceedences are color coded by Regulation

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 estimated
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 4
SVOCs in Soil
315 Grand Concourse and 270 Walton Avenue, Bronx, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	23SB-5 (0-2)		23SB-5 (2-4)		23SB-6(0-2)		23SB-6(2-4)		23SB-6(4-5)		23SB-7 (0-2)		23SB-7 (2-4)		23SB-7 (4-5)		23SB-8 (0-1.5)	
Laboratory ID				23A0210-07		23A0210-08		23A0435-03		23A0435-04		23A0435-05		23A0210-09		23A0210-10		23A0210-11		23A0580-01	
Sampling Date				1/5/23		1/5/23		1/10/23		1/10/23		1/10/23		1/5/23		1/5/23		1/5/23		1/12/23	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1		1	
1,4-Dioxane	123-91-1	0.1	13	0.0196	U	0.0196	U	0.0189	U	0.0196	U	0.0185	U	0.0196	U	0.0196	U	0.0196	U	0.0196	U
SVOA, 8270 MASTER		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				2		2		2		5		2		2		2		2		2	
1,1-Biphenyl	92-52-4	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.091	U	0.0817	U	0.0895	U	0.226	U	0.0947	U	0.0894	U	0.0852	U	0.0846	U	0.0866	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
1,3-Dichlorobenzene	541-73-1	2.4	49	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
1,4-Dichlorobenzene	106-46-7	1.8	13	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.091	U	0.0817	U	0.0895	U	0.226	U	0.0947	U	0.0894	U	0.0852	U	0.0846	U	0.0866	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
2,4-Dichlorophenol	120-83-2	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
2,4-Dimethylphenol	105-67-9	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
2,4-Dinitrophenol	51-28-5	~	~	0.091	U	0.0817	U	0.0895	U	0.226	U	0.0947	U	0.0894	U	0.0852	U	0.0846	U	0.0866	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
2-Chloronaphthalene	91-58-7	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
2-Chlorophenol	95-57-8	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
2-Methylnaphthalene	91-57-6	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
2-Methylphenol	95-48-7	0.33	100	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
2-Nitroaniline	88-74-4	~	~	0.091	U	0.0817	U	0.0895	U	0.226	U	0.0947	U	0.0894	U	0.0852	U	0.0846	U	0.0866	U
2-Nitrophenol	88-75-5	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
3- & 4-Methylphenols	65794-96-9	0.33	100	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
3-Nitroaniline	99-09-2	~	~	0.091	U	0.0817	U	0.0895	U	0.226	U	0.0947	U	0.0894	U	0.0852	U	0.0846	U	0.0866	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.091	U	0.0817	U	0.0895	U	0.226	U	0.0947	U	0.0894	U	0.0852	U	0.0846	U	0.0866	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
4-Chloroaniline	106-47-8	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
4-Nitroaniline	100-01-6	~	~	0.091	U	0.0817	U	0.0895	U	0.226	U	0.0947	U	0.0894	U	0.0852	U	0.0846	U	0.0866	U
4-Nitrophenol	100-02-7	~	~	0.091	U	0.0817	U	0.0895	U	0.226	U	0.0947	U	0.0894	U	0.0852	U	0.0846	U	0.0866	U
Acenaphthene	83-32-9	20	100	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Acenaphthylene	208-96-8	100	100	0.0456	U	0.0409	U	**0.073**	JD	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Acetophenone	98-86-2	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Aniline	62-53-3	~	~	0.182	U	0.164	U	0.179	U	0.452	U	0.19	U	0.179	U	0.171	U	0.169	U	0.173	U
Anthracene	120-12-7	100	100	**0.0574**	JD	0.0409	U	**0.0722**	JD	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Atrazine	1912-24-9	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Benzaldehyde	100-52-7	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Benzidine	92-87-5	~	~	0.182	U	0.164	U	0.179	U	0.452	U	0.19	U	0.179	U	0.171	U	0.169	U	0.173	U
Benzo(a)anthracene	56-55-3	1	1	**0.206**	D	0.0409	U	**0.335**	D	0.113	U	**0.168**	D	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Benzo(a)pyrene	50-32-8	1	1	**0.242**	D	0.0409	U	**0.288**	D	0.113	U	**0.165**	D	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Benzo(b)fluoranthene	205-99-2	1	1	**0.19**	D	0.0409	U	**0.239**	D	0.113	U	**0.148**	D	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Benzo(g,h,i)perylene	191-24-2	100	100	**0.127**	D	0.0409	U	**0.144**	D	0.113	U	**0.107**	D	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	**0.197**	D	0.0409	U	**0.276**	D	0.113	U	**0.132**	D	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Benzoic acid	65-85-0	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Benzyl alcohol	100-51-6	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Benzyl butyl phthalate	85-68-7	~	~	0.0456	U	0.0409	U	**0.0923**	D	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Caprolactam	105-60-2	~	~	0.091	U	0.0817	U	0.0895	U	0.226	U	0.0947	U	0.0894	U	0.0852	U	0.0846	U	0.0866	U
Carbazole	86-74-8	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Chrysene	218-01-9	1	3.9	**0.195**	D	0.0409	U	**0.286**	D	0.113	U	**0.168**	D	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.0456	U	0.0409	U	**0.0451**	JD	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Dibenzofuran	132-64-9	7	59	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Diethyl phthalate	84-66-2	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Dimethyl phthalate	131-11-3	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Di-n-butyl phthalate	84-74-2	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Di-n-octyl phthalate	117-84-0	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Fluoranthene	206-44-0	100	100	**0.383**	D	0.0409	U	**0.564**	D	0.113	U	**0.309**	D	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Fluorene	86-73-7	30	100	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Hexachlorobenzene	118-74-1	0.33	1.2	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Hexachlorobutadiene	87-68-3	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Hexachloroethane	67-72-1	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	**0.108**	D	0.0409	U	**0.177**	D	0.113	U	**0.114**	D	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Isophorone	78-59-1	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Naphthalene	91-20-3	12	100	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Nitrobenzene	98-95-3	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
N-Nitrosodimethylamine	62-75-9	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Pentachlorophenol	87-86-5	0.8	6.7	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Phenanthrene	85-01-8	100	100	**0.169**	D	0.0409	U	**0.102**	D	0.113	U	**0.107**	D	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Phenol	108-95-2	0.33	100	0.0456	U	0.0409	U	0.0449	U	0.113	U	0.0474	U	0.0448	U	0.0427	U	0.0424	U	0.0434	U
Pyrene	129-00-0	100	100	**0.286**	D	0.0409	U	**0.444**	D	0.113	U	**0.28**	D	0.0448	U	0.0427	U	0.0424	U	0.0434	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

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 estimated
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 5
Pesticides and PCBs in Soil
315 Grand Concourse and 270 Walton Avenue, Bronx, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	23SB-1 (0-2)		23SB-2 (0-2)		23SB-3 (0-2)		23SB-3 (2-3)		23SB-4 (0-2)		23SB-4 (2-4)		23SB-4 (4-5)		23-Dup-1(0-2)	
Laboratory ID				23A0372-01		23A0372-02		23A0210-01		23A0210-02		23A0210-03		23A0210-04		23A0210-05		23A0210-06	
Sampling Date				1/6/23		1/6/23		1/5/23		1/5/23		1/5/23 0:00		1/5/23		1/5/23		1/5/23	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	13	0.00201	U	0.00176	U	0.00181	U	0.0018	U	0.00177	U	0.00185	U	0.00181	U	0.00173	U
4,4'-DDE	72-55-9	0.0033	8.9	0.00201	U	0.00176	U	0.00181	U	0.0018	U	0.00177	U	0.00185	U	0.00181	U	0.00173	U
4,4'-DDT	50-29-3	0.0033	7.9	0.00201	U	0.00176	U	0.00181	U	0.0018	U	0.00177	U	0.00185	U	0.00181	U	0.00173	U
Aldrin	309-00-2	0.005	0.097	0.00201	U	0.00176	U	0.00181	U	0.0018	U	0.00177	U	0.00185	U	0.00181	U	0.00173	U
alpha-BHC	319-84-6	0.02	0.48	0.00201	U	0.00176	U	0.00181	U	0.0018	U	0.00177	U	0.00185	U	0.00181	U	0.00173	U
alpha-Chlordane	5103-71-9	0.094	4.2	0.00201	U	0.00176	U	0.00181	U	**0.00277**	D	0.00177	U	0.00185	U	0.00181	U	0.00173	U
beta-BHC	319-85-7	0.036	0.36	0.00201	U	0.00176	U	0.00181	U	0.0018	U	0.00177	U	0.00185	U	0.00181	U	0.00173	U
Chlordane, total	12789-03-6	~	~	0.0403	U	0.0352	U	0.0361	U	0.0361	U	0.0353	U	0.037	U	0.0361	U	0.0346	U
delta-BHC	319-86-8	0.04	100	0.00201	U	0.00176	U	0.00181	U	0.0018	U	0.00177	U	0.00185	U	0.00181	U	0.00173	U
Dieldrin	60-57-1	0.005	0.2	0.00201	U	0.00176	U	0.00181	U	0.0018	U	0.00177	U	0.00185	U	0.00181	U	0.00173	U
Endosulfan I	959-98-8	2.4	24	0.00201	U	0.00176	U	0.00181	U	0.0018	U	0.00177	U	0.00185	U	0.00181	U	0.00173	U
Endosulfan II	33213-65-9	2.4	24	0.00201	U	0.00176	U	0.00181	U	0.0018	U	0.00177	U	0.00185	U	0.00181	U	0.00173	U
Endosulfan sulfate	1031-07-8	2.4	24	0.00201	U	0.00176	U	0.00181	U	0.0018	U	0.00177	U	0.00185	U	0.00181	U	0.00173	U
Endrin	72-20-8	0.014	11	0.00201	U	0.00176	U	0.00181	U	0.0018	U	0.00177	U	0.00185	U	0.00181	U	0.00173	U
Endrin aldehyde	7421-93-4	~	~	0.00201	U	0.00176	U	0.00181	U	0.0018	U	0.00177	U	0.00185	U	0.00181	U	0.00173	U
Endrin ketone	53494-70-5	~	~	0.00201	U	0.00176	U	0.00181	U	0.0018	U	0.00177	U	0.00185	U	0.00181	U	0.00173	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.00201	U	0.00176	U	0.00181	U	0.0018	U	0.00177	U	0.00185	U	0.00181	U	0.00173	U
gamma-Chlordane	5566-34-7	~	~	0.00201	U	0.00176	U	0.00181	U	**0.00312**	D	0.00177	U	0.00185	U	0.00181	U	0.00173	U
Heptachlor	76-44-8	0.042	2.1	0.00201	U	0.00176	U	0.00181	U	0.0018	U	0.00177	U	0.00185	U	0.00181	U	0.00173	U
Heptachlor epoxide	1024-57-3	~	~	0.00201	U	0.00176	U	0.00181	U	0.0018	U	0.00177	U	0.00185	U	0.00181	U	0.00173	U
Methoxychlor	72-43-5	~	~	0.00201	U	0.00176	U	0.00181	U	0.0018	U	0.00177	U	0.00185	U	0.00181	U	0.00173	U
Toxaphene	8001-35-2	~	~	0.201	U	0.176	U	0.181	U	0.18	U	0.177	U	0.185	U	0.181	U	0.173	U
PCB, 8082 MASTER		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	0.0203	U	0.0178	U	0.0182	U	0.0182	U	0.0178	U	0.0187	U	0.0182	U	0.0175	U
Aroclor 1221	11104-28-2	~	~	0.0203	U	0.0178	U	0.0182	U	0.0182	U	0.0178	U	0.0187	U	0.0182	U	0.0175	U
Aroclor 1232	11141-16-5	~	~	0.0203	U	0.0178	U	0.0182	U	0.0182	U	0.0178	U	0.0187	U	0.0182	U	0.0175	U
Aroclor 1242	53469-21-9	~	~	0.0203	U	0.0178	U	0.0182	U	0.0182	U	0.0178	U	0.0187	U	0.0182	U	0.0175	U
Aroclor 1248	12672-29-6	~	~	0.0203	U	0.0178	U	0.0182	U	0.0182	U	0.0178	U	0.0187	U	0.0182	U	0.0175	U
Aroclor 1254	11097-69-1	~	~	0.0203	U	0.0178	U	0.0182	U	0.0182	U	0.0178	U	0.0187	U	0.0182	U	0.0175	U
Aroclor 1260	11096-82-5	~	~	0.0203	U	0.0178	U	0.0182	U	0.0182	U	0.0178	U	0.0187	U	0.0182	U	0.0175	U
Total PCBs	1336-36-3	0.1	1	0.0203	U	0.0178	U	0.0182	U	0.0182	U	0.0178	U	0.0187	U	0.0182	U	0.0175	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

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
~=this indicates that no regulatory limit has been established for this analyte

Table 5
Pesticides and PCBs in Soil
315 Grand Concourse and 270 Walton Avenue, Bronx, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	23SB-5 (0-2)		23SB-5 (2-4)		23SB-6(0-2)		23SB-6(2-4)		23SB-6(4-5)		23SB-7 (0-2)		23SB-7 (2-4)		23SB-7 (4-5)		23SB-8 (0-1.5)	
Laboratory ID				23A0210-07		23A0210-08		23A0435-03		23A0435-04		23A0435-05		23A0210-09		23A0210-10		23A0210-11		23A0580-01	
Sampling Date				1/5/23		1/5/23		1/10/23		1/10/23		1/10/23		1/5/23		1/5/23		1/5/23		1/12/23	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				5		5		5		5		5		5		5		5		5	
4,4'-DDD	72-54-8	0.0033	13	0.00178	U	0.00163	U	0.00176	U	0.00181	U	0.00187	U	0.00179	U	0.00169	U	0.00165	U	0.00172	U
4,4'-DDE	72-55-9	0.0033	8.9	0.00178	U	0.00163	U	0.00176	U	0.00181	U	0.00187	U	0.00179	U	0.00169	U	0.00165	U	0.00172	U
4,4'-DDT	50-29-3	0.0033	7.9	0.00178	U	0.00163	U	0.00176	U	0.00181	U	0.00187	U	0.00179	U	0.00169	U	0.00165	U	0.00172	U
Aldrin	309-00-2	0.005	0.097	0.00178	U	0.00163	U	0.00176	U	0.00181	U	0.00187	U	0.00179	U	0.00169	U	0.00165	U	0.00172	U
alpha-BHC	319-84-6	0.02	0.48	0.00178	U	0.00163	U	0.00176	U	0.00181	U	0.00187	U	0.00179	U	0.00169	U	0.00165	U	0.00172	U
alpha-Chlordane	5103-71-9	0.094	4.2	0.00178	U	0.00163	U	0.00176	U	0.00181	U	0.00187	U	0.00179	U	0.00169	U	0.00165	U	0.00172	U
beta-BHC	319-85-7	0.036	0.36	0.00178	U	0.00163	U	0.00176	U	0.00181	U	0.00187	U	0.00179	U	0.00169	U	0.00165	U	0.00172	U
Chlordane, total	12789-03-6	~	~	0.0356	U	0.0325	U	0.0353	U	0.0361	U	0.0375	U	0.0357	U	0.0337	U	0.0330	U	0.0345	U
delta-BHC	319-86-8	0.04	100	0.00178	U	0.00163	U	0.00176	U	0.00181	U	0.00187	U	0.00179	U	0.00169	U	0.00165	U	0.00172	U
Dieldrin	60-57-1	0.005	0.2	0.00178	U	0.00163	U	0.00176	U	0.00181	U	0.00187	U	0.00179	U	0.00169	U	0.00165	U	0.00172	U
Endosulfan I	959-98-8	2.4	24	0.00178	U	0.00163	U	0.00176	U	0.00181	U	0.00187	U	0.00179	U	0.00169	U	0.00165	U	0.00172	U
Endosulfan II	33213-65-9	2.4	24	0.00178	U	0.00163	U	0.00176	U	0.00181	U	0.00187	U	0.00179	U	0.00169	U	0.00165	U	0.00172	U
Endosulfan sulfate	1031-07-8	2.4	24	0.00178	U	0.00163	U	0.00176	U	0.00181	U	0.00187	U	0.00179	U	0.00169	U	0.00165	U	0.00172	U
Endrin	72-20-8	0.014	11	0.00178	U	0.00163	U	0.00176	U	0.00181	U	0.00187	U	0.00179	U	0.00169	U	0.00165	U	0.00172	U
Endrin aldehyde	7421-93-4	~	~	0.00178	U	0.00163	U	0.00176	U	0.00181	U	0.00187	U	0.00179	U	0.00169	U	0.00165	U	0.00172	U
Endrin ketone	53494-70-5	~	~	0.00178	U	0.00163	U	0.00176	U	0.00181	U	0.00187	U	0.00179	U	0.00169	U	0.00165	U	0.00172	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	0.00178	U	0.00163	U	0.00176	U	0.00181	U	0.00187	U	0.00179	U	0.00169	U	0.00165	U	0.00172	U
gamma-Chlordane	5566-34-7	~	~	0.00178	U	0.00163	U	0.00176	U	0.00181	U	0.00187	U	0.00179	U	0.00169	U	0.00165	U	0.00172	U
Heptachlor	76-44-8	0.042	2.1	0.00178	U	0.00163	U	0.00176	U	0.00181	U	0.00187	U	0.00179	U	0.00169	U	0.00165	U	0.00172	U
Heptachlor epoxide	1024-57-3	~	~	0.00178	U	0.00163	U	0.00176	U	0.00181	U	0.00187	U	0.00179	U	0.00169	U	0.00165	U	0.00172	U
Methoxychlor	72-43-5	~	~	0.00178	U	0.00163	U	0.00176	U	0.00181	U	0.00187	U	0.00179	U	0.00169	U	0.00165	U	0.00172	U
Toxaphene	8001-35-2	~	~	0.178	U	0.163	U	0.176	U	0.181	U	0.187	U	0.179	U	0.169	U	0.165	U	0.172	U
PCB, 8082 MASTER		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1		1	
Aroclor 1016	12674-11-2	~	~	0.018	U	0.0164	U	0.0178	U	0.0182	U	0.0189	U	0.018	U	0.017	U	0.0167	U	0.0174	U
Aroclor 1221	11104-28-2	~	~	0.018	U	0.0164	U	0.0178	U	0.0182	U	0.0189	U	0.018	U	0.017	U	0.0167	U	0.0174	U
Aroclor 1232	11141-16-5	~	~	0.018	U	0.0164	U	0.0178	U	0.0182	U	0.0189	U	0.018	U	0.017	U	0.0167	U	0.0174	U
Aroclor 1242	53469-21-9	~	~	0.018	U	0.0164	U	0.0178	U	0.0182	U	0.0189	U	0.018	U	0.017	U	0.0167	U	0.0174	U
Aroclor 1248	12672-29-6	~	~	0.018	U	0.0164	U	0.0178	U	0.0182	U	0.0189	U	0.018	U	0.017	U	0.0167	U	0.0174	U
Aroclor 1254	11097-69-1	~	~	0.018	U	0.0164	U	0.0178	U	0.0182	U	0.0189	U	0.018	U	0.017	U	0.0167	U	0.0174	U
Aroclor 1260	11096-82-5	~	~	0.018	U	0.0164	U	0.0178	U	0.0182	U	0.0189	U	0.018	U	0.017	U	0.0167	U	0.0174	U
Total PCBs	1336-36-3	0.1	1	0.018	U	0.0164	U	0.0178	U	0.0182	U	0.0189	U	0.018	U	0.017	U	0.0167	U	0.0174	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

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
~=this indicates that no regulatory limit has been established for this analyte

Table 6
TAL Metals in Soil
315 Grand Concourse and 270 Walton Avenue, Bronx, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	23SB-1 (0-2)		23SB-2 (0-2)		23SB-3 (0-2)		23SB-3 (2-3)		23SB-4 (0-2)		23SB-4 (2-4)		23SB-4 (4-5)		23-Dup-1(0-2)	
Labortory ID				23A0372-01		23A0372-02		23A0210-01		23A0210-02		23A0210-03		23A0210-04		23A0210-05		23A0210-06	
Sampling Date				1/6/23		1/6/23		1/5/23		1/5/23		1/5/23 0:00		1/5/23		1/5/23		1/5/23	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1	
Aluminum	7429-90-5	~	~	**12,600**		**11,900**		**7,120**		**10,100**		**10,300**		**10,900**		**26,000**		**2,410**	
Antimony	7440-36-0	~	~	2.55	U	2.23	U	2.29	U	2.34	U	2.24	U	2.34	U	2.29	U	2.21	U
Arsenic	7440-38-2	13	16	**2.74**		1.34	U	**1.97**		**11.6**		1.35	U	1.41	U	1.37	U	**1.93**	
Barium	7440-39-3	350	400	**91.5**		**104**		**54.4**		**92.2**		**105**		**94.9**		**308**		**24.4**	
Beryllium	7440-41-7	7.2	72	**1.54**		**1.59**		**0.455**		**0.688**		**0.658**		**0.869**		**2.07**		**0.174**	
Cadmium	7440-43-9	2.5	4.3	**0.471**		**0.43**		**0.475**		**0.508**		**0.622**		**0.324**		**1.08**		**0.286**	
Calcium	7440-70-2	~	~	**107,000**		**63,700**		**109,000**		**61,100**		**71,700**		**37,100**		**4,770**		**145,000**	
Chromium	7440-47-3	~	~	**22.7**		**23.5**		**15.4**		**44.5**		**24.2**		**25.4**		**41.2**		**6.64**	
Cobalt	7440-48-4	~	~	**13.3**		**13**		**5.61**		**10.1**		**11**		**11.6**		**34.1**		**2.58**	
Copper	7440-50-8	50	270	**50.1**		**25.4**		**17.8**		**30.7**		**42.5**		**26.5**		**40.8**		**19.3**	
Iron	7439-89-6	~	~	**24,600**		**20,000**		**10,600**		**16,800**		**18,500**		**21,100**		**46,500**		**6,630**	
Lead	7439-92-1	63	400	**7.93**		**6.6**		**18**		**60.1**		**42.2**		**27.6**		**25.7**		**22**	
Magnesium	7439-95-4	~	~	**26,400**		**20,800**		**46,200**		**27,000**		**39,400**		**11,000**		**12,100**		**84,600**	
Manganese	7439-96-5	1600	2000	**252**		**233**		**184**		**327**		**285**		**296**		**414**		**152**	
Nickel	7440-02-0	30	310	**23.6**		**21.8**		**13.7**		**64.3**		**21.9**		**20.3**		**41.8**		**6.54**	
Potassium	7440-09-7	~	~	4,780	B	6,420	B	**2,670**		**2,010**		**4,320**		**4,010**		**16,100**		**803**	
Selenium	7782-49-2	3.9	180	2.55	U	2.23	U	**11**		2.34	U	2.24	U	2.34	U	2.29	U	**20.4**	
Silver	7440-22-4	2	180	0.515	U	0.449	U	0.461	U	0.471	U	0.453	U	0.472	U	0.461	U	0.447	U
Sodium	7440-23-5	~	~	**603**		**272**		**2,250**		**1,250**		**1,090**		**1,170**		**830**		**750**	
Thallium	7440-28-0	~	~	2.55	U	2.23	U	2.29	U	2.340	U	2.24	U	2.34	U	2.29	U	2.21	U
Vanadium	7440-62-2	~	~	**70.3**		**35.6**		**20.6**		**42.1**		**32.2**		**35.6**		**69.7**		**10.5**	
Zinc	7440-66-6	109	10000	**48.7**		**49.8**		**48.1**		**71.1**		**74**		**74.7**		**144**		**45.4**	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1	
Mercury	7439-97-6	0.18	0.81	0.0368	U	0.0321	U	**0.0436**		**0.0441**		**0.07**		**0.0352**		**0.0949**		**0.0553**	
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1	
Chromium, Hexavalent	18540-29-9	1	110	**4.21**		**3.81**		0.549	U	0.561	U	0.539	U	0.562	U	0.549	U	0.532	U
Chromium, Trivalent		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1	
Chromium, Trivalent	16065-83-1	30	180	**18.5**		**19.7**		**15.4**		**44.5**		**24.2**		**25.4**		**41.2**		**6.64**	

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:

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B=analyte found in the analysis batch blank

~=this indicates that no regulatory limit has been established for this analyte

Table 6
TAL Metals in Soil
315 Grand Concourse and 270 Walton Avenue, Bronx, New York

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives	23SB-5 (0-2)		23SB-5 (2-4)		23SB-6(0-2)		23SB-6(2-4)		23SB-6(4-5)		23SB-7 (0-2)		23SB-7 (2-4)		23SB-7 (4-5)		23SB-8 (0-1.5)	
Sample ID				23A0210-07		23A0210-08		23A0435-03		23A0435-04		23A0435-05		23A0210-09		23A0210-10		23A0210-11		23A0580-01	
Sampling Date				1/5/23		1/5/23		1/10/23		1/10/23		1/10/23		1/5/23		1/5/23		1/5/23		1/12/23	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1		1	
Aluminum	7429-90-5	~	~	**10,900**		**28,700**		**9,020**		**9,700**		**9,310**		**18,600**		**14,100**		**21,200**		**9,480**	
Antimony	7440-36-0	~	~	2.29	U	2.1	U	2.26	U	2.29	U	2.37	U	2.3	U	2.13	U	2.12	U	2.18	U
Arsenic	7440-38-2	13	16	**1.72**		1.26	U	**1.8**		**22**		**3.58**		1.38	U	1.28	U	1.27	U	**1.45**	
Barium	7440-39-3	350	400	**121**		**381**		**91.3**		**168**		**116**		**249**		**198**		**320**		**71.8**	
Beryllium	7440-41-7	7.2	72	**0.737**		**2.14**		**0.751**		**0.828**		**0.773**		**1.3**		**0.809**		**1.3**		**1.21**	
Cadmium	7440-43-9	2.5	4.3	**0.432**		**1.3**		**0.412**		**0.854**		**0.523**		**0.583**		**0.551**		**0.847**		**0.322**	
Calcium	7440-70-2	~	~	**47,500**		**2,270**		**81,600**		**72,600**		**68,600**		**9,980**		**10,100**		**2,690**		**109,000**	
Chromium	7440-47-3	~	~	**22**		**42.7**		**22**		**94**		**20.9**		**30.1**		**25.4**		**36.4**		**66.6**	
Cobalt	7440-48-4	~	~	**10.2**		**37.4**		**6.87**		**8.65**		**7.31**		**22.7**		**17.4**		**27.3**		**10.5**	
Copper	7440-50-8	50	270	**38**		1.68	U	**21**		**48.5**		**34.8**		**229**		**27.8**		**7.21**		**32.5**	
Iron	7439-89-6	~	~	**16,200**		**44,800**		**12,300**		**27,100**		**14,100**		**30,100**		**23,900**		**36,000**		**17,700**	
Lead	7439-92-1	63	400	**37.5**		**13**		**39.7**		**53.8**		**55**		**45.4**		**17.1**		**15.9**		**5.86**	
Magnesium	7439-95-4	~	~	**7,540**		**14,500**		**21,000**		**25,800**		**19,800**		**8,770**		**8,100**		**9,780**		**29,500**	
Manganese	7439-96-5	1600	2000	**184**		**395**		**204**		**881**		**201**		**288**		**201**		**290**		**186**	
Nickel	7440-02-0	30	310	**18.4**		**45.8**		**16.3**		**35.8**		**15.5**		**31.9**		**23.3**		**37.6**		**45.2**	
Potassium	7440-09-7	~	~	**4,520**		**20,500**		**2,370**		**2,260**		**2,430**		**11,700**		**9,660**		**15,400**		4,650	B
Selenium	7782-49-2	3.9	180	2.29	U	2.1	U	2.26	U	2.29	U	2.37	U	2.3	U	2.13	U	2.12	U	2.18	U
Silver	7440-22-4	2	180	0.461	U	0.424	U	0.455	U	0.463	U	0.478	U	0.464	U	0.43	U	0.427	U	0.44	U
Sodium	7440-23-5	~	~	**1,250**		**403**		**246**		**295**		**285**		**3,020**		**887**		**677**		**487**	
Thallium	7440-28-0	~	~	2.29	U	2.1	U	2.26	U	2.29	U	2.37	U	2.3	U	2.13	U	2.12	U	2.18	U
Vanadium	7440-62-2	~	~	**29.6**		**82.5**		**24.2**		**74.1**		**25.1**		**51**		**39.5**		**59.7**		**50**	
Zinc	7440-66-6	109	10000	**70.5**		**137**		**60.2**		**75.7**		**67.3**		**146**		**78**		**112**		**43.1**	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1		1	
Mercury	7439-97-6	0.18	0.81	**0.0429**		0.0303	U	**0.0409**		**0.104**		**0.323**		**0.26**		0.0307	U	0.0305	U	0.0314	U
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1		1	
Chromium, Hexavalent	18540-29-9	1	110	**4.96**		0.504	U	**4.94**		0.551	U	0.569	U	0.552	U	0.512	U	0.509	U	0.839	
Chromium, Trivalent		mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1		1		1		1		1		1		1	
Chromium, Trivalent	16065-83-1	30	180	**17**		**42.7**		**17.1**		**94**		**20.9**		**30.1**		**25.4**		**36.4**		**65.8**	

NOTES:

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Bold values are detected concentrations

Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives

Bold and highlighted values are detected at concentrations above NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives

Q is the Qualifier Column with definitions as follows:

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Table 7
PFAS in Soil
315 Grand Concourse and 270 Walton Avenue, Bronx, New York

Sample ID		NYSDEC Part 375	NYSDEC Part 375	23SB-1 (0-2)		23SB-2 (0-2)		23SB-3 (0-2)		23SB-3 (2-3)		23SB-4 (0-2)		23SB-4 (2-4)		23SB-4 (4-5)		23-Dup-1(0-2)	
Laboratory ID		RemedialSoil Guidance	Remedial Soil	23A0372-01		23A0372-02		23A0210-01		23A0210-02		23A0210-03		23A0210-04		23A0210-05		23A0210-06	
Sampling Date		PFAS Unrestricted Use	Guidance PFAS	1/6/23		1/6/23		1/5/23		1/5/23		1/5/23 0:00		1/5/23		1/5/23		1/5/23	
Sample Matrix			Restricted Residential	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number		Use	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor				1		1		1		1		1		1		1		1	
11CL-PF3OUdS	763051-92-9	~	~	0.967	U	0.842	U	0.875	U	0.887	U	0.86	U	0.887	U	0.865	U	0.842	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	0.967	U	0.842	U	0.875	U	0.887	U	0.86	U	0.887	U	0.865	U	0.842	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	0.967	U	0.842	U	0.875	U	0.887	U	0.86	U	0.887	U	0.865	U	0.842	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	0.967	U	0.842	U	0.875	U	0.887	U	0.86	U	0.887	U	0.865	U	0.842	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	6.04	U	5.26	U	5.47	U	5.54	U	5.38	U	5.54	U	5.4	U	5.26	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	6.04	U	5.26	U	5.47	U	5.54	U	5.38	U	5.54	U	5.4	U	5.26	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	1.21	U	1.05	U	1.09	U	1.11	U	1.08	U	1.11	U	1.08	U	1.05	U
9CL-PF3ONS	756426-58-1	~	~	0.967	U	0.842	U	0.875	U	0.887	U	0.86	U	0.887	U	0.865	U	0.842	U
ADONA	919005-14-4	~	~	0.967	U	0.842	U	0.875	U	0.887	U	0.86	U	0.887	U	0.865	U	0.842	U
HFPO-DA (Gen-X)	13252-13-6	~	~	0.967	U	0.842	U	0.875	U	0.887	U	0.86	U	0.887	U	0.865	U	0.842	U
N-EtFOSA	4151-50-2	~	~	0.242	U	0.211	U	0.219	U	0.222	U	0.215	U	0.222	U	0.216	U	0.211	U
N-EtFOSAA	2991-50-6	~	~	0.242	U	0.211	U	0.219	U	0.222	U	0.215	U	0.222	U	0.216	U	0.211	U
N-EtFOSE	1691-99-2	~	~	2.42	U	2.11	U	2.19	U	2.22	U	2.15	U	2.22	U	2.16	U	2.11	U
N-MeFOSA	31506-32-8	~	~	0.242	U	0.211	U	0.219	U	0.222	U	0.215	U	0.222	U	0.216	U	0.211	J
N-MeFOSAA	2355-31-9	~	~	0.242	U	0.211	U	0.219	U	0.222	U	0.215	U	0.222	U	0.216	U	0.211	U
N-MeFOSE	24448-09-7	~	~	2.42	U	2.11	U	2.19	U	2.22	U	2.15	U	2.22	U	2.16	U	2.11	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	0.483	U	0.421	U	0.437	U	0.443	U	0.43	U	0.443	U	0.432	U	0.421	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	0.242	U	0.211	U	0.219	U	0.222	U	0.215	U	0.222	U	0.216	U	0.211	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	0.242	U	0.211	U	0.219	U	0.222	U	0.215	U	0.222	U	0.216	U	0.211	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	0.242	U	0.211	U	0.219	U	0.222	U	0.215	U	0.222	U	0.216	U	0.211	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	0.242	U	0.211	U	0.219	U	0.222	U	0.215	U	0.222	U	0.216	U	0.211	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	0.242	U	0.211	U	0.219	U	0.222	U	0.215	U	0.222	U	0.216	U	0.211	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	0.483	U	0.421	U	0.437	U	0.443	U	0.43	U	0.443	U	0.432	U	0.421	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	0.483	U	0.421	U	0.437	U	0.443	U	0.43	U	0.443	U	0.432	U	0.421	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	0.483	U	0.421	U	0.437	U	0.443	U	0.43	U	0.443	U	0.432	U	0.421	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	0.242	U	0.211	U	0.219	U	0.222	U	0.215	U	0.222	U	0.216	U	0.211	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	0.242	U	0.211	U	**1.42**		0.222	U	**0.465**		0.222	U	0.216	U	**1.8**	
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	0.242	U	0.211	U	0.219	U	0.222	U	0.215	U	0.222	U	0.216	U	0.211	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	0.242	U	0.211	U	0.219	J	0.222	U	0.215	U	0.222	U	0.216	U	**1.91**	
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	0.242	U	0.211	U	0.219	U	0.222	U	**0.298**		**0.282**		**0.353**		0.211	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	0.242	U	0.211	U	0.219	U	0.222	U	**0.3**		0.222	U	0.216	U	0.211	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	0.242	U	0.211	U	0.219	J	0.222	U	0.215	J	0.222	J	0.216	J	0.211	J
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	0.967	U	0.842	U	0.875	U	0.887	U	0.86	U	0.887	U	0.865	U	0.842	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	0.242	U	0.211	U	**1.16**		0.222	U	**0.649**		**0.277**		**0.31**		**0.364**	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	44	0.242	U	0.211	J	**3.53**		**0.493**		**4.41**		**2.46**		**2.24**		**1.76**	
Perfluorooctanoic acid (PFOA)	335-67-1	0.66	33	0.242	U	0.211	U	**0.236**		0.222	U	**0.966**		**0.835**		**0.629**		0.211	J
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	0.483	U	0.421	U	0.437	J	0.443	U	0.43	J	0.443	J	0.432	J	0.421	J
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	0.242	U	0.211	U	0.219	U	0.222	U	0.215	U	0.222	U	0.216	U	**0.619**	
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	0.242	U	0.211	U	0.219	U	0.222	U	0.215	U	0.222	U	0.216	U	**0.35**	
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	0.242	U	0.211	U	**0.934**		0.222	U	0.215	U	0.222	U	0.216	U	**0.897**	

NOTES:
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Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 7
PFAS in Soil
315 Grand Concourse and 270 Walton Avenue, Bronx, New York

Sample ID		NYSDEC Part 375	NYSDEC Part 375	23SB-5 (0-2)		23SB-5 (2-4)		23SB-6(0-2)		23SB-6(2-4)		23SB-6(4-5)		23SB-7 (0-2)		23SB-7 (2-4)		23SB-7 (4-5)		23SB-8 (0-1.5)	
Laboratory ID		RemedialSoil Guidance	Remedial Soil	23A0210-07		23A0210-08		23A0435-03		23A0435-04		23A0435-05		23A0210-09		23A0210-10		23A0210-11		23A0580-01	
Sampling Date		PFAS Unrestricted Use	Guidance PFAS	1/5/23		1/5/23		1/10/23		1/10/23		1/10/23		1/5/23		1/5/23		1/5/23		1/12/23	
Sample Matrix			Restricted Residential	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number		Use	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List		ug/kg	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Dilution Factor				1		1		1		1		1		1		1		1		1	
11Cl-PF3OUdS	763051-92-9	~	~	0.87	U	0.8	U	0.864	U	0.869	U	0.907	U	0.877	U	0.816	U	0.805	U	0.832	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	0.87	U	0.8	U	0.864	U	0.869	U	0.907	U	0.877	U	0.816	U	0.805	U	0.832	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	0.87	U	0.8	U	0.864	U	0.869	U	0.907	U	0.877	U	0.816	U	0.805	U	0.832	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	0.87	U	0.8	U	0.864	U	0.869	U	0.907	U	0.877	U	0.816	U	0.805	U	0.832	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	5.44	U	5	U	5.4	U	5.43	U	5.67	U	5.48	U	5.1	U	5.03	U	5.2	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	5.44	U	5	U	5.4	U	5.43	U	5.67	U	5.48	U	5.1	U	5.03	U	5.2	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	1.09	U	1	U	1.08	U	1.09	U	1.13	U	1.1	U	1.02	U	1.01	U	1.04	U
9Cl-PF3ONS	756426-58-1	~	~	0.87	U	0.8	U	0.864	U	0.869	U	0.907	U	0.877	U	0.816	U	0.805	U	0.832	U
ADONA	919005-14-4	~	~	0.87	U	0.8	U	0.864	U	0.869	U	0.907	U	0.877	U	0.816	U	0.805	U	0.832	U
HFPO-DA (Gen-X)	13252-13-6	~	~	0.87	U	0.8	U	0.864	U	0.869	U	0.907	U	0.877	U	0.816	U	0.805	U	0.832	U
N-EtFOSA	4151-50-2	~	~	0.217	U	0.2	U	0.216	U	0.217	U	0.227	U	**0.532**		0.204	U	0.201	U	0.208	U
N-EtFOSAA	2991-50-6	~	~	0.217	U	0.2	U	0.216	U	0.217	U	0.227	U	0.219	U	0.204	U	0.201	U	0.208	U
N-EtFOSE	1691-99-2	~	~	2.17	U	2	U	2.16	U	2.17	U	2.27	U	2.19	U	2.04	U	2.01	U	2.08	U
N-MeFOSA	31506-32-8	~	~	0.217	U	0.2	U	**0.42**		0.217	U	0.227	U	0.219	U	0.204	U	0.201	U	**0.757**	
N-MeFOSAA	2355-31-9	~	~	0.217	U	0.2	U	0.216	U	0.217	U	0.227	U	0.219	U	0.204	U	0.201	U	0.208	U
N-MeFOSE	24448-09-7	~	~	2.17	U	2	U	2.16	U	2.17	U	2.27	U	2.19	U	2.04	U	2.01	U	2.08	J
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	0.435	U	0.4	U	0.432	U	0.435	U	0.454	U	0.438	U	0.408	U	0.402	U	0.416	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	0.217	U	0.2	U	0.216	U	0.217	U	0.227	U	0.219	U	0.204	U	0.201	U	0.208	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	0.217	U	0.2	U	0.216	U	0.217	U	0.227	U	0.219	U	0.204	U	0.201	U	0.208	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	0.217	U	0.2	U	0.216	U	0.217	U	0.227	U	0.219	U	0.204	U	0.201	U	0.208	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	0.217	U	0.2	U	0.216	U	0.217	U	0.227	U	0.219	U	0.204	U	0.201	U	0.208	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	0.217	U	0.2	U	0.216	U	0.217	U	0.227	U	0.219	U	0.204	U	0.201	U	0.208	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	0.435	U	0.4	U	0.432	U	0.435	U	0.454	U	0.438	U	0.408	U	0.402	U	0.416	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	0.435	U	0.4	U	0.432	U	0.435	U	0.454	U	0.438	U	0.408	U	0.402	U	0.416	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	0.435	U	0.4	U	0.432	U	0.435	U	0.454	U	0.438	U	0.408	U	0.402	U	0.416	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	0.217	U	0.2	U	0.216	U	0.217	U	0.227	U	0.219	U	0.204	U	0.201	U	0.208	U
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	0.217	U	0.2	U	0.216	U	0.217	U	0.227	U	0.219	U	0.204	U	0.201	U	0.208	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	0.217	U	0.2	U	0.216	U	0.217	U	0.227	U	0.219	U	0.204	U	0.201	U	0.208	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	0.217	U	0.2	U	0.216	U	0.217	U	0.227	U	0.219	U	0.204	U	0.201	U	0.208	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	0.217	U	0.2	U	0.216	U	0.217	U	0.227	U	0.219	U	0.204	U	0.201	U	0.208	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	0.217	U	0.2	U	0.216	U	0.217	U	0.227	U	0.219	U	0.204	U	0.201	U	0.208	U
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	0.217	U	0.2	U	0.216	U	0.217	U	0.227	J	0.219	U	0.204	U	0.201	U	0.208	U
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	0.87	U	0.8	U	0.864	U	0.869	U	0.907	U	0.877	U	0.816	U	0.805	U	0.832	U
Perfluorononanoic acid (PFNA)	375-95-1	~	~	0.217	U	0.2	U	0.216	U	0.217	U	0.227	U	0.219	U	0.204	U	0.201	U	0.208	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.88	44	**0.324**		0.2	U	**0.282**		0.217	U	**0.572**		**0.339**		0.204	U	0.201	U	0.208	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.66	33	0.217	U	0.2	U	0.216	U	0.217	U	0.227	U	0.219	U	0.204	U	0.201	U	0.208	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	0.435	U	0.4	U	0.432	U	0.435	U	0.454	U	0.438	U	0.408	U	0.402	U	0.416	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	0.217	U	0.2	U	0.216	U	0.217	U	0.227	U	0.219	U	0.204	U	0.201	U	0.208	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	0.217	U	0.2	U	0.216	U	0.217	U	0.227	U	0.219	U	0.204	U	0.201	U	0.208	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	0.217	U	0.2	U	0.216	U	0.217	U	0.227	U	0.219	U	0.204	U	0.201	U	0.208	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 8
VOCs in Groundwater
315 Grand Concourse and 270 Walton Avenue, Bronx, New York

Sample ID	NYSDEC TOGS	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		MW-7	
Laboratory ID	Standards and	23A1239-01		23A1239-03		23A1239-02		23A1188-03		23A1188-01		23A1188-04		23A1188-02	
Sampling Date	Guidance Values	1/26/23		1/26/23		1/26/23		1/25/23		1/25/23		1/25/23		1/25/23	
Sample Matrix		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		10		1		1		1	
1,1,1,2-Tetrachloroethane	5	0.216	U	0.216	U	0.216	U	2.16	U	0.216	U	0.216	U	0.216	U
1,1,1-Trichloroethane	5	0.266	U	0.266	U	0.266	U	2.66	U	0.266	U	0.266	U	0.266	U
1,1,2,2-Tetrachloroethane	5	0.256	U	0.256	U	0.256	U	2.56	U	0.256	U	0.256	U	0.256	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.286	U	0.286	U	0.286	U	2.86	U	0.286	U	0.286	U	0.286	U
1,1,2-Trichloroethane	1	0.249	U	0.249	U	0.249	U	2.49	U	0.249	U	0.249	U	0.249	U
1,1-Dichloroethane	5	0.272	U	0.272	U	0.272	U	2.72	U	0.272	U	0.272	U	0.272	U
1,1-Dichloroethylene	5	0.327	U	0.327	U	0.327	U	3.27	U	0.327	U	0.327	U	0.327	U
1,2,3-Trichlorobenzene	5	0.222	U	0.222	U	0.222	U	2.22	U	0.222	U	0.222	U	0.222	U
1,2,3-Trichloropropane	0.04	0.273	U	0.273	U	0.273	U	2.73	U	0.273	U	0.273	U	0.273	U
1,2,4-Trichlorobenzene	5	0.138	U	0.138	U	0.138	U	1.38	U	0.138	U	0.138	U	0.138	U
1,2,4-Trimethylbenzene	5	0.46	J	0.4	J	0.35	J	**265**	D	0.31	U	**3.42**		0.31	U
1,2-Dibromo-3-chloropropane	0.04	0.432	U	0.432	U	0.432	U	4.32	U	0.432	U	0.432	U	0.432	U
1,2-Dibromoethane	0.0006	0.215	U	0.215	U	0.215	U	2.15	U	0.215	U	0.215	U	0.215	U
1,2-Dichlorobenzene	3	0.27	U	0.27	U	0.27	U	2.7	U	0.27	U	0.27	U	0.27	U
1,2-Dichloroethane	0.6	0.377	U	0.377	U	0.377	U	3.77	U	0.377	U	0.377	U	0.377	U
1,2-Dichloropropane	1	0.327	U	0.327	U	0.327	U	3.27	U	0.327	U	0.327	U	0.327	U
1,3,5-Trimethylbenzene	5	0.347	U	0.347	U	0.347	U	**6.4**	D	0.347	U	0.347	U	0.347	U
1,3-Dichlorobenzene	3	0.283	U	0.283	U	0.283	U	2.83	U	0.283	U	0.283	U	0.283	U
1,3-Dichloropropane	5	0.26	U	0.26	U	0.26	U	2.6	U	0.26	U	0.26	U	0.26	U
1,4-Dichlorobenzene	3	0.311	U	0.311	U	0.311	U	3.11	U	0.311	U	0.311	U	0.311	U
1,4-Dioxane	~	35.3	U	35.3	U	35.3	U	353	U	35.3	U	35.3	U	35.3	U
2-Butanone	50	**19.4**		**14.8**		**2.74**		4.21	U	0.421	U	0.421	U	0.421	U
2-Hexanone	50	**1.63**		**1.39**		**0.96**		3.2	U	0.32	U	0.32	U	0.32	U
4-Methyl-2-pentanone	~	**1.96**		**1.36**		**0.57**		3.65	U	0.365	U	0.365	U	0.365	U
Acetone	50	**62.4**		**54.7**		**32.2**		13.4	U	1.34	U	1.34	U	1.34	U
Acrolein	~	0.447	U	0.447	U	0.447	U	4.47	U	0.447	U	0.447	U	0.447	U
Acrylonitrile	~	0.422	U	0.422	U	0.422	U	4.22	U	0.422	U	0.422	U	0.422	U
Benzene	1	**0.63**		0.37	J	0.279	U	**13.7**	D	0.279	U	0.279	U	0.4	J
Bromochloromethane	5	0.354	U	0.354	U	0.354	U	3.54	U	0.354	U	0.354	U	0.354	U
Bromodichloromethane	50	0.245	U	0.245	U	0.245	U	2.45	U	0.245	U	0.245	U	0.245	U
Bromoform	50	0.163	U	0.163	U	0.163	U	1.63	U	0.163	U	0.163	U	0.163	U
Bromomethane	5	0.119	U	0.119	U	0.119	U	1.19	U	0.119	U	0.119	U	0.119	U
Carbon disulfide	~	0.362	U	0.362	U	0.362	U	3.62	U	0.362	U	0.362	U	0.362	U
Carbon tetrachloride	5	0.204	U	0.204	U	0.204	U	2.04	U	0.204	U	0.204	U	0.204	U
Chlorobenzene	5	0.284	U	0.284	U	0.284	U	2.84	U	0.284	U	0.284	U	0.284	U
Chloroethane	5	0.448	U	0.448	U	0.448	U	4.48	U	0.448	U	0.448	U	0.448	U
Chloroform	7	**7.33**		**4.2**		**4.12**		2.43	U	**1.44**		**5.18**		0.243	U
Chloromethane	5	0.372	U	0.372	U	0.372	U	3.72	U	0.372	U	0.372	U	0.372	U
cis-1,2-Dichloroethylene	5	0.294	U	0.294	U	0.294	U	2.94	U	0.294	U	0.294	U	0.294	U
cis-1,3-Dichloropropylene	0.4	0.262	U	0.262	U	0.262	U	2.62	U	0.262	U	0.262	U	0.262	U
Cyclohexane	~	0.491	U	0.491	U	0.491	U	4.91	U	0.491	U	**0.86**		0.491	U
Dibromochloromethane	50	0.146	U	0.146	U	0.146	U	1.46	U	0.146	U	0.146	U	0.146	U
Dibromomethane	~	0.203	U	0.203	U	0.203	U	2.03	U	0.203	U	0.203	U	0.203	U
Dichlorodifluoromethane	5	0.451	U	0.451	U	0.451	U	4.51	U	0.451	U	0.451	U	0.451	U
Ethyl Benzene	5	0.29	U	0.29	U	0.29	U	**41.1**	D	0.29	U	0.36	J	0.29	U
Hexachlorobutadiene	0.5	0.241	U	0.241	U	0.241	U	2.41	U	0.241	U	0.241	U	0.241	U
Isopropylbenzene	5	0.405	U	0.405	U	0.405	U	**29.8**	D	0.405	U	0.405	U	0.405	U
Methyl acetate	~	0.442	U	**3.28**		0.442	U	4.42	U	0.442	U	0.442	U	0.442	U
Methyl tert-butyl ether (MTBE)	10	0.38	J	0.244	U	0.244	U	**4.6**	JD	0.244	U	**26.9**		0.244	U
Methylcyclohexane	~	0.477	U	0.477	U	0.477	U	**32.5**	D	0.477	U	0.477	U	0.477	U
Methylene chloride	5	0.397	U	0.397	U	0.397	U	3.97	U	0.397	U	1.34	J	0.397	U
Naphthalene	10	0.42	J	0.46	J	0.4	J	**13.2**	JD	0.212	U	0.37	J	0.38	J
n-Butylbenzene	5	0.399	U	0.399	U	0.399	U	**6.7**	D	0.399	U	0.399	U	0.399	U
n-Propylbenzene	5	0.384	U	0.384	U	0.384	U	**79.9**	D	0.384	U	**0.99**		0.384	U
o-Xylene	5	0.261	U	0.261	U	0.261	U	**67.6**	D	0.261	U	**0.62**		0.261	U
p- & m- Xylenes	~	0.578	U	0.578	U	0.578	U	**81.2**	D	0.578	U	0.85	J	0.578	U
p-Diethylbenzene	~	0.341	U	0.341	U	0.341	U	**39**	D	0.341	U	0.46	J	0.341	U
p-Ethyltoluene	~	0.2	U	0.2	U	0.2	U	**23.1**	D	0.2	U	0.41	J	0.2	U
p-Isopropyltoluene	5	0.377	U	0.377	U	0.377	U	3.77	U	0.377	U	0.377	U	0.377	U
sec-Butylbenzene	5	0.444	U	0.444	U	0.444	U	**9.1**	D	0.444	U	0.444	U	0.444	U
Styrene	5	0.255	U	0.255	U	0.255	U	2.55	U	0.255	U	0.255	U	0.255	U
tert-Butyl alcohol (TBA)	~	**37.2**		**35.6**		**12.7**		6.08	U	0.608	U	0.608	U	0.608	U
tert-Butylbenzene	5	0.367	U	0.367	U	0.367	U	3.67	U	0.367	U	0.367	U	0.367	U
Tetrachloroethylene	5	0.48	J	0.35	J	0.239	U	2.39	U	0.239	U	0.239	U	0.239	U
Toluene	5	0.36	J	0.346	U	0.346	U	**91.9**	D	0.346	U	**0.53**		0.346	U
trans-1,2-Dichloroethylene	5	0.279	U	0.279	U	0.279	U	2.79	U	0.279	U	0.279	U	0.279	U
trans-1,3-Dichloropropylene	0.4	0.229	U	0.229	U	0.229	U	2.29	U	0.229	U	0.229	U	0.229	U
Trichloroethylene	5	0.249	U	0.249	U	0.249	U	2.49	U	0.249	U	0.249	U	0.249	U
Trichlorofluoromethane	5	0.337	U	0.337	U	0.337	U	3.37	U	0.337	U	0.337	U	0.337	U
Vinyl Chloride	2	0.469	U	0.469	U	0.469	U	4.69	U	0.469	U	0.469	U	0.469	U
Xylenes, Total	5	0.836	U	0.836	U	0.836	U	**149**	D	0.836	U	1.47	J	0.836	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Bold and highlighted values are concentrations exceeding NYSDEC TOGS 1.1.1

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 estimated

U=analyte not detected at or above the level indicated

~=this indicates that no regulatory limit has been established for this analyte

Table 9
SVOCs in Groundwater
315 Grand Concourse and 270 Walton Avenue, Bronx, New York

Sample ID	NYSDEC TOGS Standards and Guidance Values	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		MW-7	
Laboratory ID		23A1239-01		23A1239-03		23A1239-02		23A1188-03		23A1188-01		23A1188-04		23A1188-02	
Sampling Date		1/26/23		1/26/23		1/26/23		1/25/23		1/25/23		1/25/23		1/25/23	
Sample Matrix		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1		1	
1,4-Dioxane	~	**0.32**		0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
SVOA, 8270 LOW MASTER	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1		1	
1,1-Biphenyl	~	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
1,2,4,5-Tetrachlorobenzene	~	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
2,3,4,6-Tetrachlorophenol	~	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
2,4,5-Trichlorophenol	1	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
2,4,6-Trichlorophenol	1	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
2,4-Dichlorophenol	5	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
2,4-Dimethylphenol	50	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
2,4-Dinitrophenol	10	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
2,4-Dinitrotoluene	5	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
2,6-Dinitrotoluene	5	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
2-Chloronaphthalene	10	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
2-Chlorophenol	1	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
2-Methylnaphthalene	~	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
2-Methylphenol	1	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
2-Nitroaniline	5	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
2-Nitrophenol	1	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
3- & 4-Methylphenols	1	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
3,3-Dichlorobenzidine	5	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
3-Nitroaniline	5	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
4,6-Dinitro-2-methylphenol	~	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
4-Bromophenyl phenyl ether	~	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
4-Chloro-3-methylphenol	1	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
4-Chloroaniline	5	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
4-Chlorophenyl phenyl ether	~	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
4-Nitroaniline	5	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
4-Nitrophenol	1	5.26	U	5	U	5.41	U	5.88	U	5.56	U	5.41	U	5.26	U
Acetophenone	~	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
Benzaldehyde	~	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
Benzyl butyl phthalate	50	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
Bis(2-chloroethoxy)methane	5	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
Bis(2-chloroethyl)ether	1	1.05	U	1	U	1.08	U	1.18	U	1.11	U	1.08	U	1.05	U
Bis(2-chloroisopropyl)ether	5	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
Caprolactam	~	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
Carbazole	~	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
Dibenzofuran	~	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
Diethyl phthalate	50	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
Dimethyl phthalate	50	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
Di-n-butyl phthalate	50	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
Di-n-octyl phthalate	50	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
Hexachlorocyclopentadiene	5	5.26	U	5	U	5.41	U	5.88	U	5.56	U	5.41	U	5.26	U
Isophorone	50	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
N-nitroso-di-n-propylamine	~	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
N-Nitrosodiphenylamine	50	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
Phenol	1	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
Propargite	~	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
Pyridine	50	2.63	U	2.5	U	2.7	U	2.94	U	2.78	U	2.7	U	2.63	U
SVOA, 8270 SIM MASTER	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1		1	
Acenaphthene	20	**1.31**		**0.5**		**0.0649**		**0.282**		0.0556	U	0.0541	U	0.0526	U
Acenaphthylene	~	0.0526	U	0.05	U	0.0541	U	**0.0941**		0.0556	U	0.0541	U	0.0526	U
Anthracene	50	0.0526	U	0.05	U	0.0541	U	**0.0824**		0.0556	U	0.0541	U	0.0526	U
Atrazine	~	0.526	U	0.5	U	0.541	U	0.588	U	0.556	U	0.541	U	0.526	U
Benzo(a)anthracene	0.002	0.0526	U	0.05	U	0.0541	U	0.0588	U	0.0556	U	0.0541	U	0.0526	U
Benzo(a)pyrene	0.002	0.0526	U	0.05	U	0.0541	U	0.0588	U	0.0556	U	0.0541	U	0.0526	U
Benzo(b)fluoranthene	0.002	0.0526	U	0.05	U	0.0541	U	0.0588	U	0.0556	U	0.0541	U	0.0526	U
Benzo(g,h,i)perylene	~	0.0526	U	0.05	U	0.0541	U	0.0588	U	0.0556	U	0.0541	U	0.0526	U
Benzo(k)fluoranthene	0.002	0.0526	U	0.05	U	0.0541	U	0.0588	U	0.0556	U	0.0541	U	0.0526	U
Bis(2-ethylhexyl)phthalate	5	**0.684**		0.5	U	0.541	U	**0.6**		**0.844**		**0.93**		**1.07**	
Chrysene	0.002	0.0526	U	0.05	U	0.0541	U	0.0588	U	0.0556	U	0.0541	U	0.0526	U
Dibenzo(a,h)anthracene	~	0.0526	U	0.05	U	0.0541	U	0.0588	U	0.0556	U	0.0541	U	0.0526	U
Fluoranthene	50	0.0526	U	0.05	U	0.0541	U	0.0588	U	0.0556	U	**0.0649**		0.0526	U
Fluorene	50	**0.0526**		**0.05**		**0.0757**		**0.247**		**0.289**		0.0541	U	0.0526	U
Hexachlorobenzene	0.04	0.0211	U	0.02	U	0.0216	U	0.0235	U	0.0222	U	0.0216	U	0.0211	U
Hexachlorobutadiene	0.5	0.526	U	0.5	U	0.541	U	0.588	U	0.556	U	0.541	U	0.526	U
Hexachloroethane	5	0.526	U	0.5	U	0.541	U	0.588	U	0.556	U	0.541	U	0.526	U
Indeno(1,2,3-cd)pyrene	0.002	0.0526	U	0.05	U	0.0541	U	0.0588	U	0.0556	U	0.0541	U	0.0526	U
Naphthalene	10	**0.232**		**0.17**		**0.227**		**4.71**		0.0556	U	**0.119**		**0.0737**	
Nitrobenzene	0.4	0.263	U	0.25	U	0.27	U	0.294	U	0.278	U	0.27	U	0.263	U
N-Nitrosodimethylamine	~	0.526	U	0.5	U	0.541	U	0.588	U	0.556	U	0.541	U	0.526	U
Pentachlorophenol	1	0.263	U	0.25	U	0.27	U	0.294	U	0.278	U	0.27	U	0.263	U
Phenanthrene	50	**0.116**		**0.11**		**0.119**		**0.106**		0.0556	U	**0.0865**		**0.0632**	
Pyrene	50	0.0526	U	0.05	U	0.0541	U	0.0588	U	**0.0556**		**0.0757**		0.0526	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 10
Pesticides and PCBs in Groundwater
315 Grand Concourse and 270 Walton Avenue, Bronx, New York

Sample ID	NYSDEC TOGS Standards and Guidance Values - GA	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		MW-7	
Laboratory ID		23A1239-01		23A1239-03		23A1239-02		23A1188-03		23A1188-01		23A1188-04		23A1188-02	
Sampling Date		1/26/23		1/26/23		1/26/23		1/25/23		1/25/23		1/25/23		1/25/23	
Sample Matrix		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PEST, 8081 MASTER	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1		1	
4,4'-DDD	0.3	0.004	U	0.004	U	0.004	U	0.004	U	0.01	U	0.00432	U	0.00432	U
4,4'-DDE	0.2	0.004	U	0.004	U	0.004	U	0.004	U	0.01	U	0.00432	U	0.00432	U
4,4'-DDT	0.2	0.004	U	0.004	U	0.004	U	0.004	U	0.01	U	0.00432	U	0.00432	U
Aldrin	~	0.004	U	0.004	U	0.004	U	0.004	U	0.01	U	0.00432	U	0.00432	U
alpha-BHC	0.01	0.004	U	0.004	U	0.004	U	0.004	U	0.01	U	0.00432	U	0.00432	U
alpha-Chlordane	~	0.004	U	0.004	U	0.004	U	0.004	U	0.01	U	0.00432	U	0.00432	U
beta-BHC	0.04	0.004	U	0.004	U	0.004	U	0.004	U	0.01	U	0.00432	U	0.00432	U
Chlordane, total	0.05	0.2	U	0.2	U	0.2	U	0.2	U	0.5	U	0.216	U	0.216	U
Chlordane, total (alpha, gamma)	0.05	0.01	U	0.01	U	0.01	U	0.01	U	0.025	U	0.0108	U	0.0108	U
delta-BHC	0.04	0.004	U	0.004	U	0.004	U	0.004	U	0.01	U	0.00432	U	0.00432	U
Dieldrin	0.004	0.002	U	0.002	U	0.002	U	0.002	U	0.005	U	0.00216	U	0.00216	U
Endosulfan I	~	0.004	U	0.004	U	0.004	U	0.004	U	0.01	U	0.00432	U	0.00432	U
Endosulfan II	~	0.004	U	0.004	U	0.004	U	0.004	U	0.01	U	0.00432	U	0.00432	U
Endosulfan sulfate	~	0.004	U	0.004	U	0.004	U	0.004	U	0.01	U	0.00432	U	0.00432	U
Endrin	~	0.004	U	0.004	U	0.004	U	0.004	U	0.01	U	0.00432	U	0.00432	U
Endrin aldehyde	5	0.01	U	0.01	U	0.01	U	0.01	U	0.025	U	0.0108	U	0.0108	U
Endrin ketone	5	0.01	U	0.01	U	0.01	U	0.01	U	0.025	U	0.0108	U	0.0108	U
gamma-BHC (Lindane)	0.05	0.004	U	0.004	U	0.004	U	0.004	U	0.01	U	0.00432	U	0.00432	U
gamma-Chlordane	~	0.01	U	0.01	U	0.01	U	0.01	U	0.025	U	0.0108	U	0.0108	U
Heptachlor	0.04	0.004	U	**0.005**		0.004	U	0.004	U	0.01	U	0.00432	U	0.00432	U
Heptachlor epoxide	0.03	0.004	U	0.004	U	0.004	U	0.004	U	0.01	U	0.00432	U	0.00432	U
Methoxychlor	35	0.004	U	0.004	U	0.004	U	0.004	U	0.01	U	0.00432	U	0.00432	U
Toxaphene	0.06	0.1	U	0.1	U	0.1	U	0.1	U	0.25	U	0.108	U	0.108	U
PCB, 8082 MASTER	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1		1	
Aroclor 1016	~	0.05	U	0.05	U	0.05	U	0.05	U	0.0833	U	0.0588	U	0.0526	U
Aroclor 1221	~	0.05	U	0.05	U	0.05	U	0.05	U	0.0833	U	0.0588	U	0.0526	U
Aroclor 1232	~	0.05	U	0.05	U	0.05	U	0.05	U	0.0833	U	0.0588	U	0.0526	U
Aroclor 1242	~	0.05	U	0.05	U	0.05	U	0.05	U	0.0833	U	0.0588	U	0.0526	U
Aroclor 1248	~	0.05	U	0.05	U	0.05	U	0.05	U	0.0833	U	0.0588	U	0.0526	U
Aroclor 1254	~	0.05	U	0.05	U	0.05	U	0.05	U	0.0833	U	0.0588	U	0.0526	U
Aroclor 1260	~	0.05	U	0.05	U	0.05	U	0.05	U	0.0833	U	0.0588	U	0.0526	U
Total PCBs	0.09	0.05	U	0.05	U	0.05	U	0.05	U	0.0833	U	0.0588	U	0.0526	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highlighted values are concentrations exceeding NYSDEC TOGS 1.1.1

Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
~=this indicates that no regulatory limit has been established for this analyte

Table 11
Metals in Groundwater
315 Grand Concourse and 270 Walton Avenue, Bronx, New York

Sample ID	NYSDEC TOGS Standards and Guidance Values	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		MW-7	
Laboratory ID		23A1239-01		23A1239-03		23A1239-02		23A1188-03		23A1188-01		23A1188-04		23A1188-02	
Sampling Date		1/26/23		1/26/23		1/26/23		1/25/23		1/25/23		1/25/23		1/25/23	
Sample Matrix		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte, ICP	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		5		5		1		1		1		1		1	
Aluminum	~	927	B	3,020	B	1,470	B	**92**		**62.9**		**84.4**		**165**	
Barium	1000	**486**		**359**		**61.400**		**162**		**260**		**168**		**143**	
Calcium	~	154,000	B	182,000	B	33,400	B	**66,800**		**126,000**		**167,000**		**108,000**	
Chromium	50	**3,830**		**1,900**		**432**		5.56	U	5.56	U	5.56	U	5.56	U
Cobalt	~	4.44	U	4.44	U	4.44	U	4.44	U	4.44	U	4.44	U	4.44	U
Copper	200	**47.4**		**44.8**		22.2	U	22.20	U	**27.1**		22.2	U	22.2	U
Iron	~	1,010	B	2,080	B	578	B	**871**		278	U	**1,260**		**716**	
Lead	25	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U
Magnesium	35000	**569**		**176**		**1,610**		**7,060**		**18,500**		**30,200**		**10,300**	
Manganese	300	**10**		**13.9**		**8.51**		**117**		**44.1**		**443**		**480**	
Nickel	100	**200**		**97.6**		**14**		**27.8**		11.1	U	**32.1**		11.1	U
Potassium	~	**549,000**	D	**377,000**	D	**32,200**		**12,600**		**13,600**		**17,700**		**9,210**	
Silver	50	**63**		**29.200**		**6.54**		5.56	U	5.56	U	5.56	U	5.56	U
Sodium	20000	**354,000**		**266,000**		**107,000**		**191,000**		**924,000**		**578,000**		**563,000**	
Vanadium	~	11.1	U	11.1	U	**30.5**		11.1	U	11.1	U	11.1	U	11.1	U
Zinc	2000	27.8	U	27.8	U	27.8	U	27.8	U	**46**		**56.2**		27.8	U
Metals, Target Analyte, ICP Dissolved	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		5		5		1		1		1		1		1	
Aluminum	~	749	B	2,240	B	802	B	55.6	U	**87.8**		55.6	U	55.6	U
Barium	1000	**466**		**336**		**51.7**		**156**		**234**		**170**		**139**	
Calcium	~	**160,000**		**182,000**		**34,400**		**66,500**		**113,000**		**170,000**		**111,000**	
Chromium	50	**3,740**		**1,810**		**370**		5.56	U	5.56	U	5.56	U	5.56	U
Cobalt	~	4.44	U	4.44	U	4.44	U	4.44	U	4.44	U	4.44	U	4.44	U
Copper	200	**54.5**		**93.8**		22.2	U	22.2	U	**26.5**		22.2	U	22.2	U
Iron	~	**768**		**1,660**		**361**		278	U	278	U	278	U	278	U
Lead	25	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U	5.56	U
Magnesium	35000	**456**		**155**		**1,350**		**7,450**		**17,500**		**31,900**		**10,700**	
Manganese	300	**7.59**		**11.800**		**5.75**		**110**		**39.3**		**459**		**476**	
Nickel	100	**192**		**94.9**		**18.4**		**27.5**		11.1	U	**31**		11.1	U
Potassium	~	538,000	D	**386,000**	D	**33,600**		12,900	B	13,000	B	17,700	B	9,380	B
Silver	50	**63.1**		**28.8**		**6.6**		5.56	U	5.56	U	5.56	U	5.56	U
Sodium	20000	**364,000**		**264,000**		**108,000**		**192,000**		**796,000**		**522,000**		**556,000**	
Vanadium	~	11.1	U	11.1	U	**25.4**		11.1	U	11.1	U	11.1	U	11.1	U
Zinc	2000	27.8	U	27.8	U	27.8	U	27.8	U	**29**		**51.7**		27.8	U
Metals, Target Analyte, ICPMS	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1		1	
Antimony	3	1.11	U	1.11	U	1.11	U	**2.71**		1.11	U	1.11	U	1.11	U
Arsenic	25	**1.45**		**4.96**		**5.78**		**1.61**		1.11	U	1.11	U	**3.51**	
Beryllium	3	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Cadmium	5	**0.941**		**0.858**		0.556	U	0.556	U	0.556	U	0.556	U	0.556	U
Selenium	10	**9.99**		**6.98**		**1.63**		1.11	U	1.11	U	**1.57**		1.11	U
Thallium	~	1.11	U	1.11	U	1.11	U	1.11	U	1.11	U	1.11	U	1.11	U
Metals, Target Analyte, ICPMS Dissolved	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1		1	
Antimony	3	1.11	U	1.11	U	1.11	U	1.11	U	**1.91**		1.11	U	1.11	U
Arsenic	25	1.11	U	**3.12**		**4.97**		1.11	U	**1.21**		1.11	U	1.11	U
Beryllium	3	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U	0.333	U
Cadmium	5	**0.784**		**0.704**		0.556	U	0.556	U	0.556	U	0.556	U	0.556	U
Selenium	10	**13.5**		**8.26**		**1.86**		**3.85**		**2.17**		1.11	U	1.11	U
Thallium	~	1.11	U	1.11	U	1.11	U	1.11	U	1.11	U	1.11	U	1.11	U
Mercury by 7470/7471	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1		1	
Mercury	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Mercury, Dissolved	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1		1	
Mercury	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Chromium, Hexavalent	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		10		1		1		1		1		1		1	
Chromium, Hexavalent	50	**3,570**	D	**95**		**370**		10	U	10	U	10	U	10	U
Chromium, Trivalent		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1		1		1		1		1		1		1	
Chromium, Trivalent	~	**260**		**1,800**		**62**		10	U	10	U	10	U	10	U

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Bold values are detected concentrations

Bold and highlighted values are concentrations exceeding NYSDEC TOGS 1.1.1

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

B=analyte found in the analysis batch blank

~=this indicates that no regulatory limit has been established for this analyte

Table 12
PFAS in Groundwater
315 Grand Concourse and 270 Walton Avenue, Bronx, New York

Sample ID	NYSDEC TOGS	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		MW-7	
Laboratory ID	Standards and	23A1239-01		23A1239-03		23A1239-02		23A1188-03		23A1188-01		23A1188-04		23A1188-02	
Sampling Date	Guidance Values	1/26/23		1/26/23		1/26/23		1/25/23		1/25/23		1/25/23		1/25/23	
Sample Matrix		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
PFAS, EPA 1633 Target List	ng/L	ng/L		ng/L		ng/L		ng/L		ng/L		ng/L		ng/L	
Dilution Factor		1		1		1		1		1		1		1	
11CL-PF3OUdS	100	2.52	U	2.52	U	2.52	U	15	U	14.9	U	14.5	U	14.7	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	100	3.74	U	3.75	U	3.75	U	15	U	14.9	U	14.5	U	14.7	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	~	3.27	U	3.27	U	3.27	U	15	U	14.9	U	14.5	U	14.7	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	100	1.93	U	1.94	U	1.94	U	15	U	14.9	U	14.5	U	14.7	U
3-Perfluoroheptyl propanoic acid (FHpPA)	~	17.3	U	17.3	U	**118**		47	U	46.5	U	45.4	U	46	U
3-Perfluoropentyl propanoic acid (FPePA)	~	13.4	U	13.4	U	**77.9**		47	U	46.5	U	45.4	U	46	U
3-Perfluoropropyl propanoic acid (FPrPA)	~	**17.1**		**12.6**		3.71	U	**272**		9.31	J	9.08	U	9.2	U
9CL-PF3ONS	100	1.28	U	1.28	U	1.28	U	15	U	14.9	U	14.5	U	14.7	U
ADONA	100	0.967	U	0.969	U	0.968	U	15	U	14.9	U	14.5	U	14.7	U
HFPO-DA (Gen-X)	100	5.89	U	5.91	U	5.9	U	15	U	14.9	U	14.5	U	14.7	J
N-EtFOSA	~	3.28	U	3.29	U	3.29	U	1.82	B	1.49	B	0.363	U	0.368	U
N-EtFOSAA	100	1.88	U	1.88	U	1.88	U	**13.8**		3.72	U	3.63	U	3.68	J
N-EtFOSE	~	7.28	U	7.3	U	7.29	U	37.6	U	37.2	U	36.3	U	36.8	U
N-MeFOSA	~	2.88	U	2.89	U	2.89	U	3.76	U	3.72	U	3.63	U	3.68	U
N-MeFOSAA	100	1.44	U	1.45	U	1.44	U	3.76	J	3.72	U	3.63	U	3.68	U
N-MeFOSE	~	7.28	U	7.3	U	7.29	U	37.6	U	37.2	U	36.3	U	36.8	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	~	0.912	U	0.915	U	0.913	U	7.52	U	7.45	U	7.27	U	7.36	U
Perfluoro-1-decanesulfonic acid (PFDS)	100	2.41	U	2.41	U	2.41	U	3.76	U	3.72	U	3.63	U	3.68	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	100	1.66	U	1.66	U	1.66	U	3.76	U	3.72	U	3.63	J	3.68	U
Perfluoro-1-nonanesulfonic acid (PFNS)	~	1.57	U	1.57	U	1.57	U	3.76	U	3.72	U	3.63	U	3.68	U
Perfluoro-1-octanesulfonamide (FOSA)	100	1.61	U	1.61	U	1.61	U	3.76	U	3.72	U	3.63	U	3.68	U
Perfluoro-1-pentanesulfonate (PFPeS)	~	2.23	J	1.39	U	1.39	U	3.76	U	3.72	U	3.63	J	3.68	U
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	~	3.9	U	3.91	U	3.91	U	7.52	U	7.45	U	7.27	U	7.36	U
Perfluoro-4-oxapentanoic acid (PFMPA)	~	0.456	U	0.457	U	0.457	U	7.52	U	7.45	U	7.27	U	7.36	U
Perfluoro-5-oxahexanoic acid (PFMBA)	~	0.675	U	0.677	U	0.676	U	7.52	J	7.45	U	7.27	U	7.36	U
Perfluorobutanesulfonic acid (PFBS)	100	**5**		**4.51**		**16.1**		**15.2**		**13.8**		**23.1**		**7.02**	
Perfluorodecanoic acid (PFDA)	100	**5.15**		**3.84**		**7.63**		**5.82**		**4.3**		**7.32**		3.68	J
Perfluorododecanesulfonic acid (PFDoS)	~	1.7	U	1.7	U	1.7	U	3.76	U	3.72	U	3.63	U	3.68	U
Perfluorododecanoic acid (PFDoA)	100	1.61	U	1.61	U	1.61	U	3.76	U	3.72	U	3.63	U	3.68	U
Perfluoroheptanoic acid (PFHpA)	100	**15.9**		**13.4**		**19.3**		**56**		**40**		**48.3**		**11.6**	
Perfluorohexanesulfonic acid (PFHxS)	100	**8.13**		**7.27**		**8.8**		**9.12**		**5.18**		**17.9**		**3.87**	
Perfluorohexanoic acid (PFHxA)	100	**21.5**		**12.8**		**19.7**		**65.3**		**42.6**		**44.6**		**14.6**	
Perfluoro-n-butanoic acid (PFBA)	100	**20.7**		**17**		9.87	J	15	U	**21.8**		**31.3**		14.7	J
Perfluorononanoic acid (PFNA)	100	**6.75**		**5.8**		**9.01**		**14.8**		**14**		**12.6**		3.68	J
Perfluorooctanesulfonic acid (PFOS)	10	**66.3**		**53.2**		**60.7**		**112**		**82.5**		**152**		**64**	
Perfluorooctanoic acid (PFOA)	10	**47.4**		**36.1**		**27.8**		**51.1**		**49.8**		**60.8**		**16.7**	
Perfluoropentanoic acid (PFPeA)	100	**17.7**		**15**		0.42	U	**77.1**		**48.2**		**54.1**		**14.3**	
Perfluorotetradecanoic acid (PFTA)	100	1.26	U	1.26	U	1.26	U	3.76	U	3.72	U	3.63	U	3.68	U
Perfluorotridecanoic acid (PFTrDA)	100	1.35	U	1.35	U	1.35	U	3.76	U	3.72	U	3.63	U	3.68	U
Perfluoroundecanoic acid (PFUnA)	100	2.06	U	2.07	U	2.06	U	3.76	U	3.72	U	3.63	U	3.68	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations
Bold and highligted values show concentrations above NYSDEC Guidance Values

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 estimated
U=analyte not detected at or above the level indicated

Table 13
VOCs in Soil Vapor
315 Grand Concourse and 270 Walton Avenue, Bronx, New York

Sample ID		23 SV-1		23 SV-2		23 SV-3		23 SV-4		23 SV-5		23SV-6		23 SV-7		23 SV-8		23 SV-9		23 SV-10		23 SV-11		23 OA-1	
Laboratory ID		23A0582-01		23A0582-02		23A0582-03		23A0582-04		23A0582-05		23A0713-01		23A0582-06		23A0582-07		23A0582-08		23A0582-09		23A0582-10		23A0582-11	
Sampling Date		1/12/2023		1/12/2023		1/12/2023		1/12/2023		1/12/2023		1/12/2023		1/12/2023		1/12/2023		1/12/2023		1/12/2023		1/12/2023		1/12/2023	
Sample Matrix		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Outdoor Ambient Air	
Compound	**CAS Number**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor		1.611		1.928		1.76		15.28		1.521		32.06		1.577		1.601		29.44		16.18		1.523		0.76	
1,1,1,2-Tetrachloroethane	630-20-6	1.098	U	1.304	U	1.235	U	10.293	U	1.029	U	11	U	1.098	U	1.098	U	10.293	U	10.98	U	1.029	U	0.522	U
1,1,1-Trichloroethane	71-55-6	0.873	U	1.036	U	0.982	U	8.181	U	0.818	U	8.75	U	0.873	U	0.873	U	8.181	U	8.727	U	0.818	U	0.415	U
1,1,2,2-Tetrachloroethane	79-34-5	1.098	U	1.304	U	1.235	U	10.293	U	1.029	U	11	U	1.098	U	1.098	U	10.293	U	10.98	U	1.029	U	0.522	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	76-13-1	1.226	U	1.456	U	1.379	U	11.491	U	1.149	U	12.3	U	1.226	U	1.226	U	11.491	U	12.257	U	1.149	U	0.582	U
1,1,2-Trichloroethane	79-00-5	0.873	U	1.036	U	0.982	U	8.181	U	0.818	U	8.75	U	0.873	U	0.873	U	8.181	U	8.727	U	0.818	U	0.415	U
1,1-Dichloroethane	75-34-3	0.647	U	0.769	U	0.728	U	6.069	U	0.607	U	6.49	U	0.647	U	0.647	U	6.069	U	6.473	U	0.607	U	0.307	U
1,1-Dichloroethylene	75-35-4	0.159	U	0.19	U	0.174	U	1.506	U	0.151	U	3.18	U	0.155	U	0.159	U	1.466	U	1.585	U	0.151	U	0.0753	U
1,2,4-Trichlorobenzene	120-82-1	1.187	U	1.409	U	1.335	U	11.127	U	1.113	U	11.9	U	1.187	U	1.187	U	11.127	U	11.869	U	1.113	U	0.564	U
1,2,4-Trimethylbenzene	95-63-6	**2.064**	D	**2.26**	D	**3.636**	D	**1,916.357**	D	**4.865**	D	**162**	D	**176.895**	D	**1.572**	D	**206.377**	D	**122.843**	D	**3.734**	D	0.373	U
1,2-Dibromoethane	106-93-4	1.229	U	1.459	U	1.382	U	11.52	U	1.152	U	12.3	U	1.229	U	1.229	U	11.52	U	12.288	U	1.152	U	0.584	U
1,2-Dichlorobenzene	95-50-1	0.962	U	1.142	U	1.082	U	9.015	U	0.901	U	9.64	U	0.962	U	0.962	U	9.015	U	9.616	U	0.901	U	0.457	U
1,2-Dichloroethane	107-06-2	0.647	U	0.769	U	0.728	U	6.068	U	0.607	U	6.49	U	0.647	U	0.647	U	6.068	U	6.473	U	0.607	U	0.307	U
1,2-Dichloropropane	78-87-5	0.739	U	0.878	U	0.831	U	6.928	U	0.693	U	7.41	U	0.739	U	0.739	U	6.928	U	7.39	U	0.693	U	0.351	U
1,2-Dichlorotetrafluoroethane	76-14-2	1.118	U	1.328	U	1.258	U	10.482	U	1.048	U	11.2	U	1.118	U	1.118	U	10.482	U	11.18	U	1.048	U	0.531	U
1,3,5-Trimethylbenzene	108-67-8	0.786	U	0.934	U	**2.359**	D	**1,179.395**	D	**1.966**	D	**36.3**	D	**34.89**	D	0.786	U	**54.056**	D	**48.65**	D	**1.818**	D	0.373	U
1,3-Butadiene	106-99-0	1.061	U	1.283	U	1.172	U	10.172	U	1.017	U	10.6	U	1.039	U	1.061	U	9.73	U	10.836	U	1.017	U	0.509	U
1,3-Dichlorobenzene	541-73-1	0.962	U	1.142	U	1.082	U	9.015	U	0.901	U	9.64	U	0.962	U	0.962	U	9.015	U	9.616	U	0.901	U	0.457	U
1,3-Dichloropropane	142-28-9	0.739	U	0.878	U	0.831	U	6.929	U	0.693	U	7.41	U	0.739	U	0.739	U	6.929	U	7.391	U	0.693	U	0.351	U
1,4-Dichlorobenzene	106-46-7	0.962	U	1.142	U	1.082	U	9.015	U	0.901	U	9.64	U	0.962	U	0.962	U	9.015	U	9.616	U	0.901	U	0.457	U
1,4-Dioxane	123-91-1	1.153	U	1.405	U	1.261	U	11.166	U	1.081	U	11.6	U	1.153	U	1.153	U	10.445	U	11.526	U	1.081	U	0.54	U
2-Butanone	78-93-3	**5.601**	D	**10.023**	D	**1.238**	D	4.422	U	**6.486**	D	**7.09**	D	**4.127**	D	**1.327**	D	**7.37**	D	**28.007**	D	**1.887**	D	**0.59**	D
2-Hexanone	591-78-6	1.31	U	**1.597**	D	1.433	U	12.694	U	1.228	U	13.1	U	1.31	U	1.31	U	11.875	U	13.104	U	**5.323**	D	0.614	U
3-Chloropropene	107-05-1	2.534	U	3.004	U	2.753	U	23.779	U	2.378	U	25.1	U	2.472	U	2.503	U	23.153	U	25.343	U	2.378	U	1.189	U
4-Methyl-2-pentanone	108-10-1	**0.737**	D	**2.047**	D	0.737	U	6.142	U	**1.802**	D	6.57	U	**0.901**	D	**0.901**	D	6.142	U	6.552	U	0.614	U	0.311	U
Acetone	67-64-1	**35.617**	D	**92.605**	D	**14.247**	D	**13.535**	D	**40.366**	D	**56.7**	D	**33.243**	D	**12.347**	D	**61.737**	D	**99.729**	D	**9.973**	D	**4.749**	D
Acrylonitrile	107-13-1	0.347	U	0.412	U	0.39	U	3.254	U	0.325	U	3.48	U	0.347	U	0.347	U	3.254	U	3.471	U	0.325	U	0.165	U
Benzene	71-43-2	**1.086**	D	0.607	U	**2.012**	D	4.79	U	**1.692**	D	5.12	U	**2.331**	D	**1.118**	D	4.79	U	**290.597**	D	**15.328**	D	**0.862**	D
Benzyl chloride	100-44-7	0.828	U	0.983	U	0.931	U	7.762	U	0.776	U	8.3	U	**3.208**	D	0.828	U	7.762	U	8.28	U	0.776	U	0.393	U
Bromodichloromethane	75-27-4	1.071	U	1.272	U	1.205	U	10.045	U	1.004	U	10.7	U	1.071	U	1.071	U	10.045	U	10.715	U	1.004	U	0.509	U
Bromoform	75-25-2	1.653	U	1.963	U	1.86	U	15.499	U	1.55	U	16.6	U	1.653	U	1.653	U	15.499	U	16.532	U	1.55	U	0.785	U
Bromomethane	74-83-9	0.621	U	0.737	U	0.699	U	5.822	U	0.582	U	6.22	U	0.621	U	0.621	U	5.822	U	6.21	U	0.582	U	0.295	U
Carbon disulfide	75-15-0	**0.716**	D	**0.778**	D	**5.292**	D	4.669	U	0.467	U	**5.49**	D	**6.848**	D	0.498	U	**5.914**	D	**34.241**	D	**1.089**	D	0.237	U
Carbon tetrachloride	56-23-5	0.252	U	0.302	U	0.277	U	2.39	U	0.239	U	2.52	U	0.245	U	**0.503**	D	2.327	U	2.515	U	0.239	U	**0.384**	D
Chlorobenzene	108-90-7	0.736	U	0.874	U	0.828	U	6.903	U	0.69	U	7.38	U	0.736	U	0.736	U	6.903	U	7.363	U	0.69	U	0.35	U
Chloroethane	75-00-3	0.422	U	0.501	U	0.475	U	3.956	U	0.396	U	4.23	U	0.422	U	0.422	U	3.956	U	4.22	U	0.396	U	0.2	U
Chloroform	67-66-3	0.781	U	**7.809**	D	**2.928**	D	**12.69**	D	0.732	U	7.83	U	**3.319**	D	0.781	U	7.321	U	7.809	U	**13.178**	D	0.371	U
Chloromethane	74-87-3	0.33	U	**0.392**	D	**0.867**	D	3.096	U	**0.31**	D	3.31	U	0.33	U	**1.259**	D	3.096	U	3.303	U	0.31	U	**1.28**	D
cis-1,2-Dichloroethylene	156-59-2	0.159	U	0.19	U	0.174	U	1.506	U	0.151	U	3.18	U	0.155	U	0.159	U	1.466	U	1.585	U	0.151	U	0.0753	U
cis-1,3-Dichloropropylene	10061-01-5	0.726	U	0.862	U	0.817	U	6.805	U	0.681	U	7.28	U	0.726	U	0.726	U	6.805	U	7.259	U	0.681	U	0.345	U
Cyclohexane	110-82-7	0.551	U	0.654	U	0.619	U	**6.193**	D	0.516	U	5.52	U	**0.963**	D	**1.48**	D	5.161	U	**141.07**	D	**4.473**	D	0.261	U
Dibromochloromethane	124-48-1	1.362	U	1.618	U	1.533	U	12.773	U	1.277	U	13.7	U	1.362	U	1.362	U	12.773	U	13.624	U	1.277	U	0.647	U
Dichlorodifluoromethane	75-71-8	**2.224**	D	**2.274**	D	**2.274**	D	7.415	U	**2.323**	D	7.93	U	**2.175**	D	**2.916**	D	7.415	U	7.909	U	**2.323**	D	**2.422**	D
Ethyl acetate	141-78-6	1.153	U	1.405	U	1.261	U	11.166	U	1.081	U	11.6	U	1.153	U	**1.225**	D	10.445	U	**19.81**	D	**1.225**	D	0.54	U
Ethyl Benzene	100-41-4	**4.775**	D	**3.863**	D	**6.077**	D	**73.789**	D	**4.775**	D	**3,020**	D	**13.89**	D	**3.125**	D	**3,125.2**	D	**334.223**	D	**18.23**	D	**0.365**	D
Hexachlorobutadiene	87-68-3	1.706	U	2.026	U	1.919	U	15.991	U	1.599	U	17.1	U	1.706	U	1.706	U	15.991	U	17.057	U	1.599	U	0.81	U
Isopropanol	67-63-0	**6.143**	D	**22.605**	D	**1.99**	D	**13.514**	D	**6.143**	BD	**29.6**	BD	**8.845**	BD	**54.056**	BD	**34.399**	D	**14.005**	D	**6.88**	BD	**4.177**	D
Methyl Methacrylate	80-62-6	0.655	U	0.778	U	0.737	U	6.139	U	0.614	U	6.56	U	0.655	U	0.655	U	6.139	U	6.548	U	0.614	U	0.311	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.577	U	0.685	U	**0.937**	D	5.406	U	0.541	U	5.78	U	**61.265**	D	0.577	U	5.406	U	**973.038**	D	**79.285**	D	0.274	U
Methylene chloride	75-09-2	1.111	U	1.354	U	1.215	U	10.764	U	1.042	U	11.1	U	1.111	U	**2.604**	D	10.069	U	11.111	U	1.042	U	**0.66**	D
n-Heptane	142-82-5	0.656	U	0.778	U	0.737	U	**20.075**	D	0.615	U	**13.8**	D	**3.114**	D	**0.656**	D	**22.123**	D	**61.453**	D	**4.916**	D	0.311	U
n-Hexane	110-54-3	**1.233**	D	**0.881**	D	**2.184**	D	**17.617**	D	**2.502**	D	**11.9**	D	**6.342**	D	**1.867**	D	**7.399**	D	**84.559**	D	**23.958**	D	**0.458**	D
o-Xylene	95-47-6	**5.642**	D	**3.429**	D	**11.284**	D	**208.327**	D	**4.774**	D	**2,390**	D	**24.305**	D	**2.17**	D	**1,996.468**	D	**312.491**	D	**18.229**	D	0.33	U
p- & m- Xylenes	179601-23-1	**15.191**	D	**11.284**	D	**20.399**	D	**256.069**	D	**14.322**	D	**9,260**	D	**52.082**	D	**6.944**	D	**7,378.25**	D	**868.029**	D	**47.742**	D	0.651	U
p-Ethyltoluene	622-96-8	**1.72**	D	**1.72**	D	**3.98**	D	**1,621.668**	D	**4.128**	D	**140**	D	**132.682**	D	**1.278**	D	**201.48**	D	**132.682**	D	**4.275**	D	0.373	U
Propylene	115-07-1	**2.236**	D	0.327	U	0.31	U	2.581	U	**2.064**	D	2.76	U	**1.72**	D	0.275	U	2.581	U	2.753	U	0.258	U	0.131	U
Styrene	100-42-5	0.681	U	0.809	U	0.766	U	6.387	U	0.639	U	**66.9**	D	**0.724**	D	0.681	U	**55.354**	D	**8.09**	D	**0.639**	D	0.324	U
Tetrachloroethylene	127-18-4	**16.271**	D	**5.627**	D	**399.999**	D	**352.541**	D	**12.881**	D	10.9	U	**47.457**	D	**2.305**	D	10.169	U	**33.22**	D	**5.763**	D	0.515	U
Tetrahydrofuran	109-99-9	**1.002**	D	**2.565**	D	1.032	U	9.139	U	**1.533**	D	9.46	U	0.943	U	0.943	U	8.549	U	9.434	U	0.884	U	0.442	U
Toluene	108-88-3	**37.67**	D	**35.033**	D	**33.149**	D	**14.314**	D	**101.708**	D	**129**	D	**45.204**	D	**7.157**	D	**154.446**	D	**376.697**	D	**29.382**	D	**1.959**	D
trans-1,2-Dichloroethylene	156-60-5	0.634	U	0.753	U	0.713	U	5.945	U	0.594	U	6.36	U	0.634	U	0.634	U	5.945	U	6.341	U	0.594	U	0.301	U
trans-1,3-Dichloropropylene	10061-02-6	0.726	U	0.862	U	0.817	U	6.805	U	0.681	U	7.28	U	0.726	U	0.726	U	6.805	U	7.259	U	0.681	U	0.345	U
Trichloroethylene	79-01-6	0.215	U	0.258	U	**1.504**	D	2.041	U	0.204	U	2.15	U	0.209	U	0.215	U	1.988	U	**5.21**	D	**0.591**	D	0.102	U
Trichlorofluoromethane (Freon 11)	75-69-4	**1.067**	D	**1.067**	D	**1.067**	D	8.425	U	**1.179**	D	9.01	U	0.899	U	**1.46**	D	8.425	U	8.986	U	**1.123**	D	**1.123**	D
Vinyl acetate	108-05-4	0.563	U	0.669	U	0.634	U	5.279	U	0.528	U	5.64	U	0.563	U	0.563	U	5.279	U	5.631	U	0.528	U	0.267	U
Vinyl bromide	593-60-2	0.7	U	0.831	U	0.787	U	6.559	U	0.656	U	7.01	U	0.700	U	0.7	U	6.559	U	6.996	U	0.656	U	0.332	U
Vinyl Chloride	75-01-4	0.207	U	0.245	U	0.225	U	1.942	U	0.194	U	2.05	U	0.202	U	0.204	U	1.891	U	2.07	U	0.194	U	0.0971	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Bold values are detected concentrations

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 estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
~=this indicates that no regulatory limit has been established for this analyte

APPENDICES

APPENDIX A

PRIOR ENVIRONMENTAL REPORTS
(separate attachment)

APPENDIX B

GEOPHYSICAL REPORT

Coastal Environmental Solutions, Inc.

GEOPHYSICAL INVESTIGATION REPORT

2.21.2023

315 Grand Concourse, Bronx, NY
Date of Initial Investigation: 1/5/2023

Prepared for:

Vektor Consultants

37 W. 37th Street, 6th Floor

New York, NY 10018

Prepared By:

Dennis Berthold
Coastal Environmental Solutions, Inc.
PO Box 342
Medford, New York 11763

1.0 INTRODUCTION

On 1/5/2023, Coastal Environmental Solutions, Inc (Coastal) personnel performed a limited geophysical investigation at the site located at 315 Grand Concourse, Bronx, NY. The areas of interest included areas within and around the former car wash and adjacent warehouse, enclosed by the fence on the property. Surface conditions consisted of concrete and asphalt.

2.0 SCOPE OF WORK

1. Locate and mark detectable underground utilities in designated areas.

3.0 EQUIPMENT

ImpulseRadar PinPointR Ultra-Wide Band (UWB) Penetrating Radar System

Ground Penetrating RADAR (GPR) is a non-destructive geophysical method that produces a continuous cross-sectional profile of subsurface features in real time. GPR operates by transmitting both high and low frequency electromagnetic wave pulses down into the ground through a transmitter in the antenna. The transmitted electromagnetic waves reflect off materials with contrasting dielectric properties from surrounding medium such as underground storage tanks, utilities, distinct contacts between different earth materials, and other various subsurface objects. The antenna receiver collects the reflected electromagnetic waves which are then interpreted by the operator.

The ImpulseRadar PinPointR UWB GPR utilizes a dual band 400/800 MHz HS antenna mounted to a stroller frame which rolls over the surface. The total depth of penetration achieved with the antenna can be up to 10 feet but widely varies based on site-specific subsurface conditions. Conductive materials in the soil attenuate the GPR signal causing a decrease in effective depth of penetration and clarity.

Vivax-Metrotech vLoc3-Pro Receiver/Transmitter

The vLoc3-Pro Receiver is a hand-operated antenna capable of detecting electromagnetic (EM) fields emitted from a source. The EM antenna can detect pipes and cables in the ground at depths of up to 20 feet using active or passive tracing techniques. Passive tracing is the act of locating an underground utility through the detection of electrical or radio signals travelling along conductive utilities. Active tracing is used in conjunction with the Transmitter that is directly connected to the target utility or to a conductive rodder within a non-conductive line. A signal is sent through the utility at a specific frequency that can be detected by the Receiver. The detectability of a target utility depends on many factors including access to the target utility, grounding, depth of utility, conductivity, and other site-specific factors.

TW-6 Pipe and Cable Locator

The TW-6 Pipe and Cable locator is a handheld magnetometer which utilizes a transmitter-receiver pair attached to opposite ends of a handle and carried approximately 1-2ft from the surface. The magnetometer induces an electromagnetic (EM) field into the ground that is generated by the transmitter. Once the induced EM field passes through a buried metallic object, it generates a secondary EM field which is detected by the receiver, generating an audible tone. Based on the

calibration of the magnetometer, the audible tone reflects the strongest response as the highest pitched sound, trailing off on all sides of the peak. This piece of technology can be used to detect subsurface features such as metallic USTs, large diameter conductive pipes, and buried manholes, especially in areas in which traditional GPR methods cannot be utilized, such as overgrown or uneven surfaces.

4.0 METHODOLOGY

1. A subsurface investigation was performed in close proximity to the client proposed soil boring locations. Active and passive detection methods were utilized with the VLoc3-Pro receiver/transmitter. Coastal personnel direct connected to all accessible and traceable pipes, conduits, valve covers, and any other surface feature throughout the site. A passive scan was performed throughout the site to detect any potential underground utilities that could not be located with active scan.
2. The TW-6 was utilized to sweep accessible areas around the suspected UST location in 3-to-5-foot spacings for readings that may represent a buried metallic anomaly. Upon detection of a reading, the approximate size and shape of the anomalous area was marked on the surface to be investigated further with GPR.
3. GPR was utilized to further characterize the approximate dimensions, depth, and shape of the anomalies located with the TW-6. The remainder of the areas around the suspected UST location was scanned with GPR in 3-to-5-foot spacing to locate any anomalous features not previously detected such as non-conductive piping and former excavations.
4. All findings were marked on the surface utilizing the American Public Works Association (APWA) recommended color code, seen below:

WHITE	Proposed Excavation
PINK	Temporary Survey Markings (Approximate UST Locations, Soil Boring Locations)
RED	Electric Power Lines, Cables, Conduit and Lighting Cables
YELLOW	Gas, Oil, Steam, Petroleum or Gaseous Materials
ORANGE	Communication, Alarm or Signal Lines, Cables or Conduit
BLUE	Water (Domestic and Fire Lines)
PURPLE	Irrigation
GREEN	Sewer and Drain Lines

5.0 SUMMARY OF FINDINGS

Utility Locate

Coastal personnel conducted a utility locate on all accessible areas within the area of concern. During the investigation, Vektor personnel identified proposed boring locations in addition to identifying previously attempted borings and wells. Coastal identified many of the formerly identified utilities on side and marked some newly identified lines, both active and inactive. All findings were marked in the field based on the APWA color code seen above and proposed boring locations were field adjusted as needed.

Limitations

The effective depth of GPR penetration was limited to 2 feet across the site (indoors and outdoors). The limiting factor was due to soil conductivity attenuating the GPR signal, likely due to shallow bedrock or saturated soils. The GPR and TW-6 was unable to be utilized within close proximity to exterior walls as well as on reinforced concrete surfaces. Due to the shallow maximum GPR depth, other technology (such as EM) was utilized to identify areas of concern and utilities.

Disclaimer

The subsurface investigation was performed by Coastal after considering the limits of the scope of work and the time constraint for the investigation. The investigation that is described in this report was undertaken in accordance with current accepted standards and practices of the geophysical survey industry. The results and interpretations that are presented are based on professional judgment and are as accurate as can reasonably be achieved. However, no geophysical equipment can accurately depict all subsurface features due to the geology and environmental conditions of the subsurface. Any intrusive work in proximity to identified anomalies should be carefully considered and cross-referenced with all available site-specific documentation. Coastal is not liable for the use, interpretation, or application of the data and information in this report.

PHOTOS & GPR SCREENSHOTS

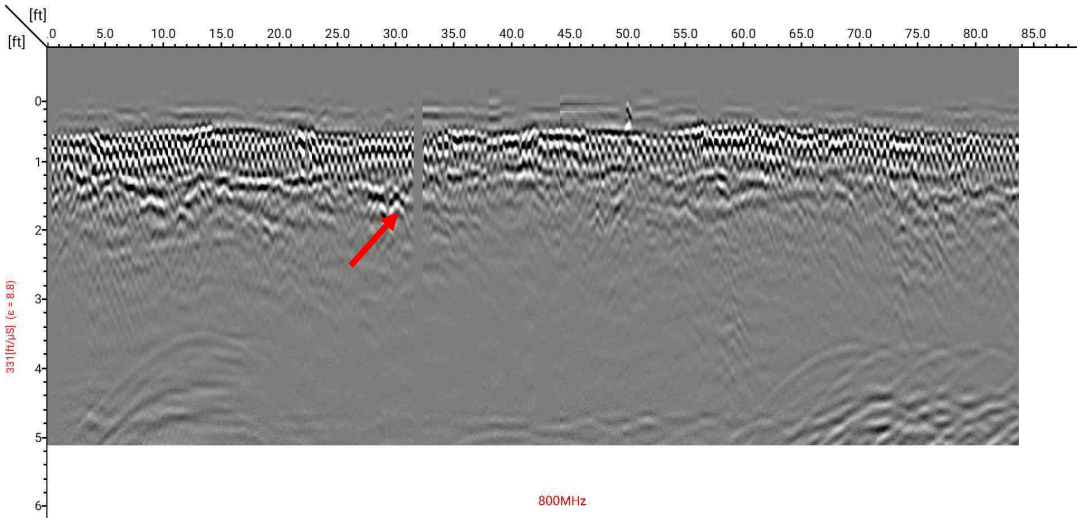


Photo 1 and GPR Screenshot 1 – Photo of one of the utilities on-site identified as the electrical feeder line. GPR screenshot showing the reinforced concrete and the electrical line utility (marked in red). The field marking read "HV" for high voltage, distinguishing this line from a lower voltage line such as site lighting.

Photo 2 – Photo of one of the proposed boring locations and part of the floor drain system on-site.

Photo 3 – Photo of one of the proposed boring locations within the former car wash. At the time of the investigation, the roll-up doors seen in the background were non-functional and minimal light was available.

Photo 4 – Photo of one of the proposed boring locations within the former warehouse adjacent to the car wash. This boring was located as close to the bathrooms as possible without compromising the sewer line.

APPENDIX C

SOIL BORING LOGS

vEKtor consultants

Client:	**261 Grand Concourse LLC**	**BORING LOG**	
Project:	**315 Grand Concourse**	**Boring No.**	**SB-1**
Address:	**315 Grand Concourse, Bronx, NY**	**Page:**	**1 of 1**

Drilling Start Date:	**01/06/2023**	Boring Depth (ft):	**2.5**
Drilling End Date:	**01/06/2023**	Boring Diameter (in):	**1.00**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**Geoprobe® Model 6011DT**	DTW After Drilling (ft):	**N/A**
Driller:		Ground Surface Elev. (ft):	**20.68**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.81407, -73.93011**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
0				GR				(0') Concrete (0.5') As Above	0	23SB-1	20
								(1') Poorly graded SAND (SP); few fine grained sand, dry, dark brown, some concrete, washed rock (1.5') As Above			
5								(2') BEDROCK: boring terminated			15
10											10
15											5
20											

NOTES:

vEKtor consultants

Client:	**261 Grand Concourse LLC**	**BORING LOG**	
Project:	**315 Grand Concourse**	**Boring No.**	**SB-2**
Address:	**315 Grand Concourse, Bronx, NY**	**Page:**	**1 of 1**

Drilling Start Date:	**01/06/2023**	Boring Depth (ft):	**2.5**
Drilling End Date:	**01/06/2023**	Boring Diameter (in):	**1.00**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**Geoprobe® Model 6011DT**	DTW After Drilling (ft):	**N/A**
Driller:		Ground Surface Elev. (ft):	**20**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.81425, -73.92998**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
0				GR				(0') Concrete (0.5') As Above	0	23SB-2	20
								(1') Poorly graded SAND (SP); few fine grained sand, trace silt, dry, dark brown, some concrete (1.5') As Above			
								(2') BEDROCK: boring terminated			
5											15
10											10
15											5
20											

NOTES:

vEKtor consultants

Client:	**261 Grand Concourse LLC**	**BORING LOG**	
Project:	**315 Grand Concourse**	**Boring No.**	**SB-3**
Address:	**315 Grand Concourse, Bronx, NY**	**Page:**	**1 of 1**

Drilling Start Date:	**01/05/2023**	Boring Depth (ft):	**4**
Drilling End Date:	**01/05/2023**	Boring Diameter (in):	**1.00**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**Geoprobe® Model 6011DT**	DTW After Drilling (ft):	**N/A**
Driller:		Ground Surface Elev. (ft):	**20.8**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.81409, -73.92983**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
0				GR				(0') Concrete: with Brick (1') Poorly graded SAND with gravel (SP); some fine grained sand, some fine-coarse gravel, trace silt, dry, brown, some brick	0	23SB-3	20
								(3.5') BEDROCK: boring terminated			
5											15
10											10
15											5
20											

NOTES:

vEKtor consultants	Client: 261 Grand Concourse LLC	BORING LOG
	Project: 315 Grand Concourse	Boring No. SB-4
	Address: 315 Grand Concourse, Bronx, NY	Page: 1 of 1

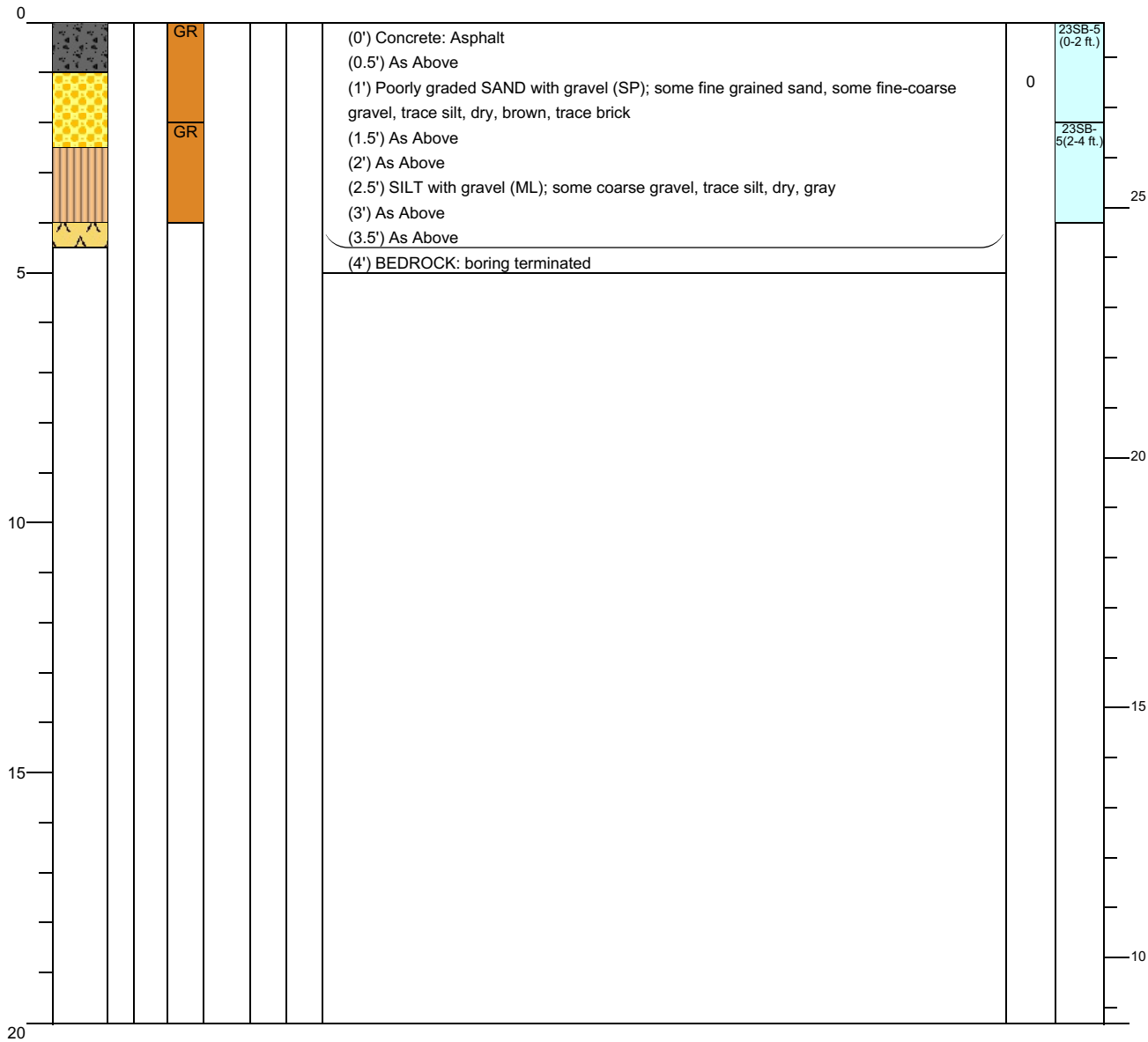
Drilling Start Date:	**01/05/2023**	Boring Depth (ft):	**5.5**
Drilling End Date:	**01/05/2023**	Boring Diameter (in):	**1.00**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**Geoprobe® Model 6011DT**	DTW After Drilling (ft):	**N/A**
Driller:		Ground Surface Elev. (ft):	**28.2**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.81434, -73.92959**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
0				GR				(0') Concrete: with Brick (0.5') As Above (1') Poorly graded SAND (SP); some fine grained sand, trace fine-coarse gravel, some silt, dry, brown (1.5') As Above (2') As Above (2.5') As Above (3') As Above (3.5') As Above (4.5') As Above	0	SB-4 (0-2)	25
5								(5') BEDROCK: boring terminated			20
10											15
15											10
20											

NOTES:

vEKtor consultants	Client: 261 Grand Concourse LLC	BORING LOG
	Project: 315 Grand Concourse	Boring No. SB-5
	Address: 315 Grand Concourse, Bronx, NY	Page: 1 of 1

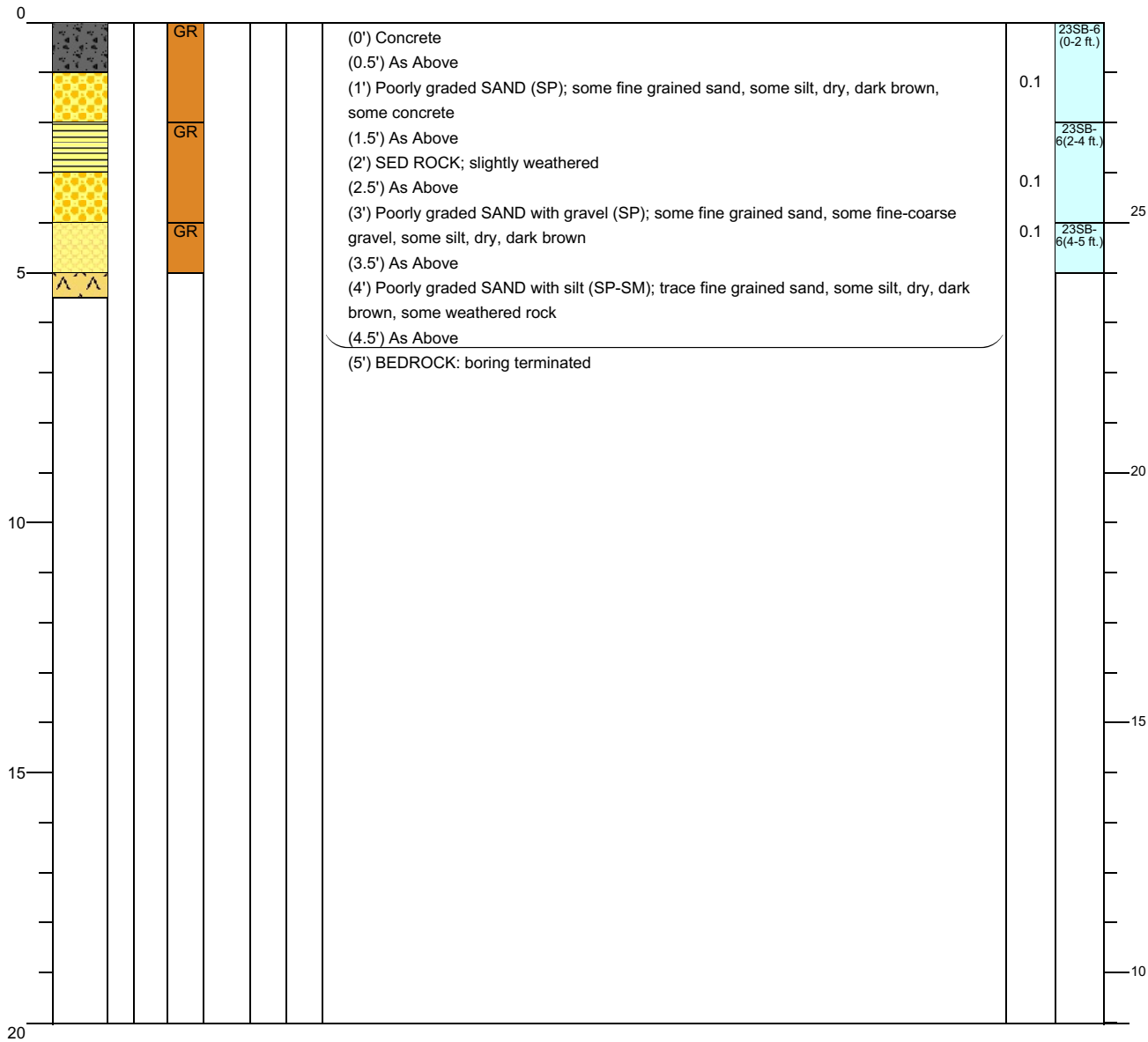
Drilling Start Date:	**01/05/2023**	Boring Depth (ft):	**4.5**
Drilling End Date:	**01/05/2023**	Boring Diameter (in):	**1.00**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**Geoprobe® Model 6011DT**	DTW After Drilling (ft):	**N/A**
Driller:		Ground Surface Elev. (ft):	**28.7**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.81439, -73.92953**



NOTES:

vEKtor consultants	Client: 261 Grand Concourse LLC	BORING LOG
	Project: 315 Grand Concourse	Boring No. SB-6
	Address: 315 Grand Concourse, Bronx, NY	Page: 1 of 1

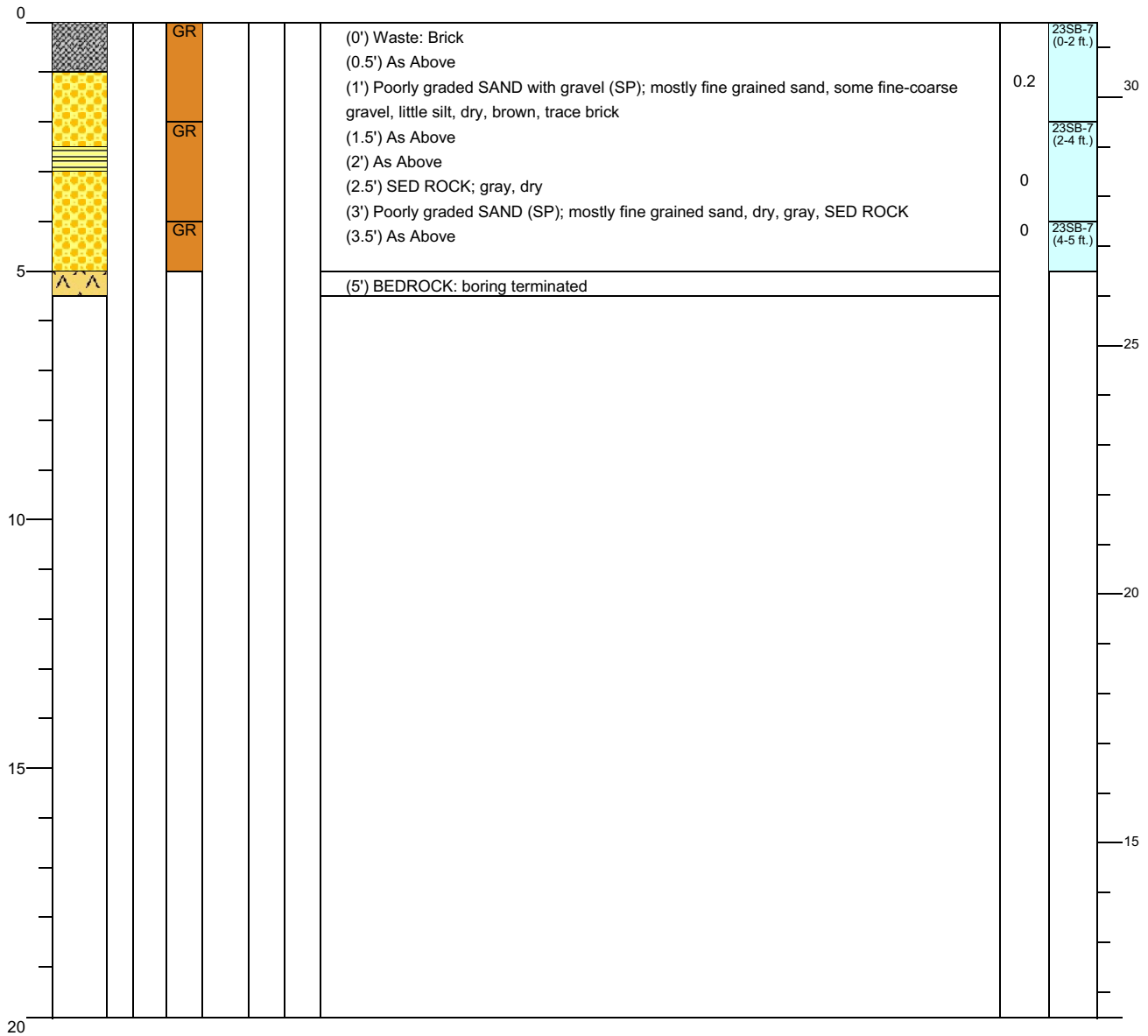
Drilling Start Date:	**01/10/2023**	Boring Depth (ft):	**5.5**
Drilling End Date:	**01/10/2023**	Boring Diameter (in):	**1.00**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**Geoprobe® Model 6011DT**	DTW After Drilling (ft):	**N/A**
Driller:		Ground Surface Elev. (ft):	**29**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.81470, -73.92942**



NOTES:

vEKtor consultants	Client: 261 Grand Concourse LLC	BORING LOG
	Project: 315 Grand Concourse	Boring No. SB-7
	Address: 315 Grand Concourse, Bronx, NY	Page: 1 of 1

Drilling Start Date:	**01/5/2023**	Boring Depth (ft):	**5.5**
Drilling End Date:	**01/5/2023**	Boring Diameter (in):	**1.00**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**Grab**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**Geoprobe® Model 6011DT**	DTW After Drilling (ft):	**N/A**
Driller:		Ground Surface Elev. (ft):	**31.5**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.81483, -73.92924**



NOTES:

vEKtor consultants

Client:	**261 Grand Concourse LLC**	**BORING LOG**	
Project:	**315 Grand Concourse**	**Boring No.**	**SB-8**
Address:	**315 Grand Concourse, Bronx, NY**	**Page:**	**1 of 1**

Drilling Start Date:	**01/17/2023**	Boring Depth (ft):	**2.5**
Drilling End Date:	**01/17/2023**	Boring Diameter (in):	**1.00**
Drilling Company:	**Coastal Environmental Solutions**	Sampling Method(s):	**N/A**
Drilling Method:	**Direct Push**	DTW During Drilling (ft):	**N/A**
Drilling Equipment:	**Geoprobe® Model 6011DT**	DTW After Drilling (ft):	**N/A**
Driller:		Ground Surface Elev. (ft):	**20.78**
Logged By:	**Peter Rathsack**	Location (Lat, Long):	**40.81470, -73.92925**

DEPTH (ft)	LITHOLOGY	WATER LEVEL	BORING COMPLETION	COLLECT: Sample Type	COLLECT: Time	COLLECT: Blow Counts	COLLECT: Recovery (ft)	SOIL/ROCK VISUAL DESCRIPTION	MEASURE: PID (ppm)	MEASURE: Lab Sample	ELEVATION (ft)
0								(0') Concrete (0.5') As Above			20
								(1') Poorly graded SAND (SP); mostly fine grained sand, dry, dark brown, SED ROCK, weathered (1.5') As Above			
5								(2') BEDROCK			15
10											10
15											5
20											

NOTES:

APPENDIX D

MONITORING WELL CONSTRUCTION LOGS

vEKtor consultants

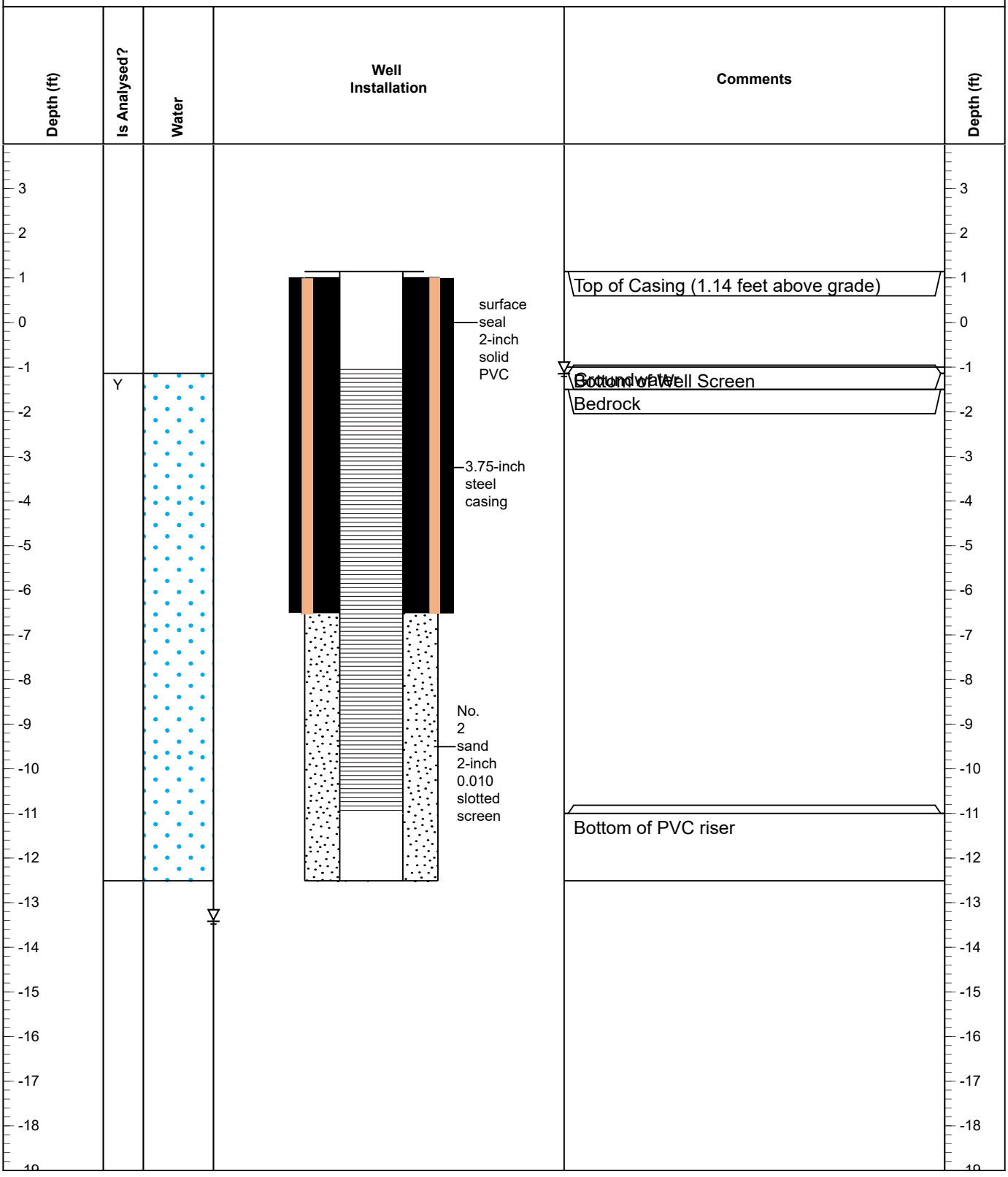
MONITORING WELL MW-1

PROJECT NAME 315 Grand Concourse and 270 Walton Avenue
ADDRESS 315 Grand Concourse and 270 Walton Avenue, Bronx
DRILLING DATE 1/17/23
DIAMETER 3.75"

DRILLING COMPANY Coastal Environmental
DRILLER Michael
DRILL RIG Geoprobe 7822DT
TOTAL DEPTH 12.51 feet bgs
BGS Below Grade Surface
Bedrock Beginning at 1 feet 6 inches bgs

SURFACE ELEVATION
WELL TOC 1.6 feet above grade
DEPTH TO WATER 1.14 feet bgs
SCREENED DEPTH 1-11 feet bgs
LOGGED BY David Klein

Well ID: MW-1



Disclaimer This bore log is intended for environmental not geotechnical purposes.

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vEKtor consultants

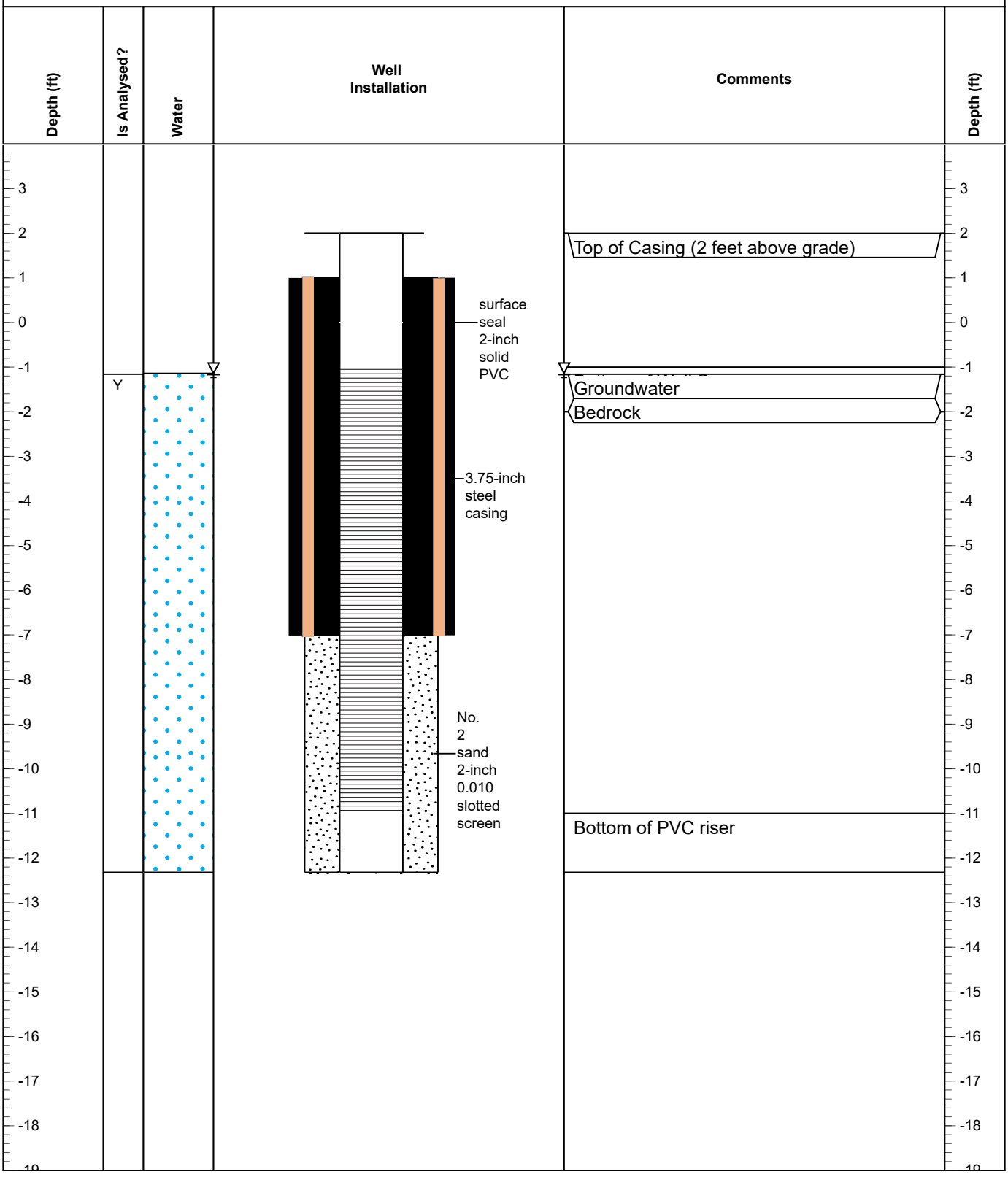
MONITORING WELL MW-2

PROJECT NAME 315 Grand Concourse and 270 Walton Avenue
ADDRESS 315 Grand Concourse and 270 Walton Avenue, Bronx
DRILLING DATE 1/17/23
DIAMETER 3.75"

DRILLING COMPANY Coastal Environmental
DRILLER Michael
DRILL RIG Geoprobe 7822DT
TOTAL DEPTH 12.32 feet bgs
BGS Below Grade Surface
Bedrock Beginning at 2 feet bgs

SURFACE ELEVATION
WELL TOC 2 feet above grade
DEPTH TO WATER 1.16 feet bgs
SCREENED DEPTH 1-11 feet bgs
LOGGED BY David Klein

Well ID: MW-2



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vEKtor consultants

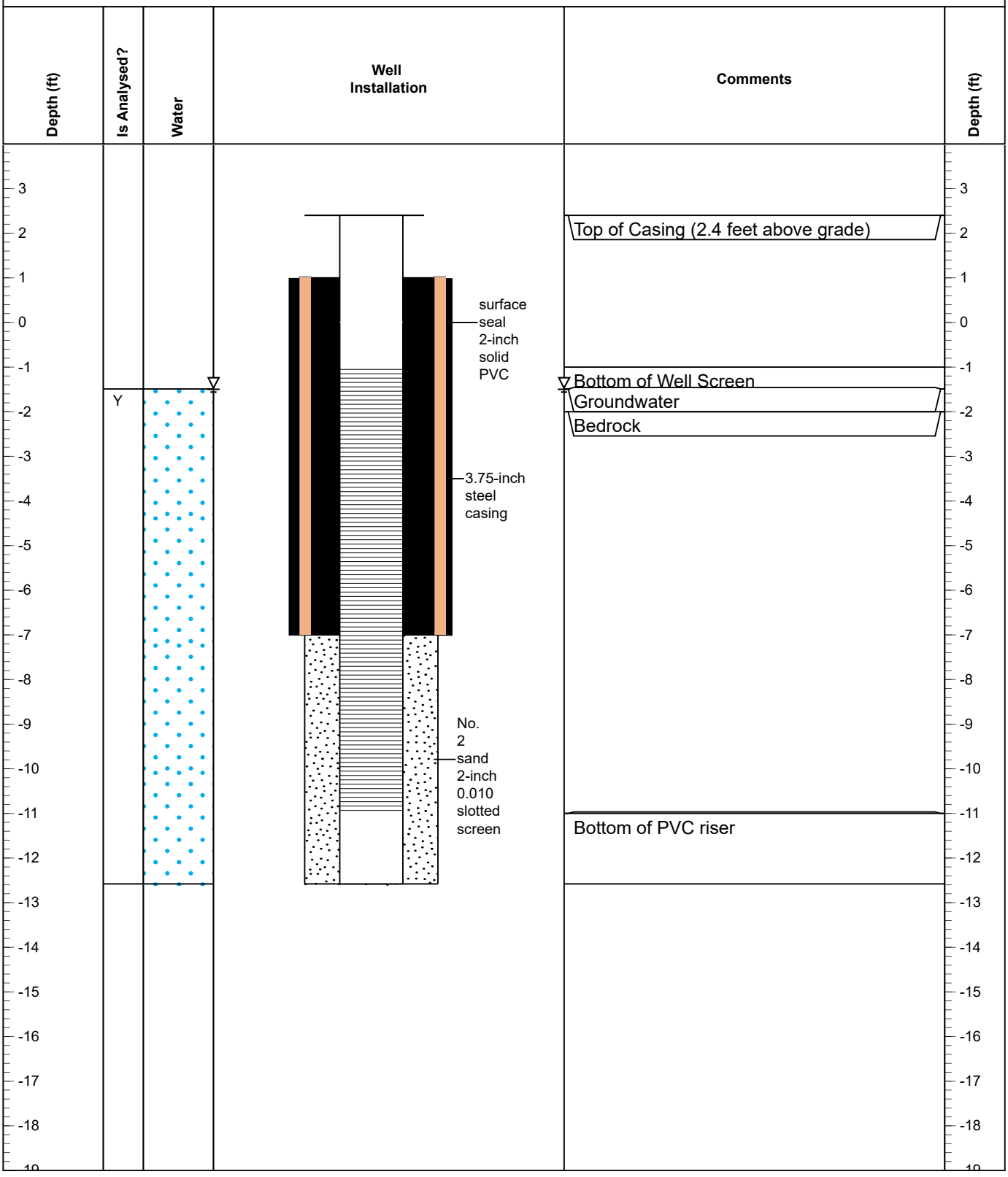
MONITORING WELL MW-3

PROJECT NAME 315 Grand Concourse and 270 Walton Avenue
ADDRESS 315 Grand Concourse and 270 Walton Avenue, Bronx
DRILLING DATE 1/17/23
DIAMETER 3.75"

DRILLING COMPANY Coastal Environmental
DRILLER Michael
DRILL RIG Geoprobe 7822DT
TOTAL DEPTH 12.58 feet bgs
BGS Below Grade Surface
Bedrock Beginning at 2 feet bgs

SURFACE ELEVATION
WELL TOC 2.4 feet above grade
DEPTH TO WATER 1.49 feet bgs
SCREENED DEPTH 1-11 feet bgs
LOGGED BY David Klein

Well ID: MW-3



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vEKtor consultants

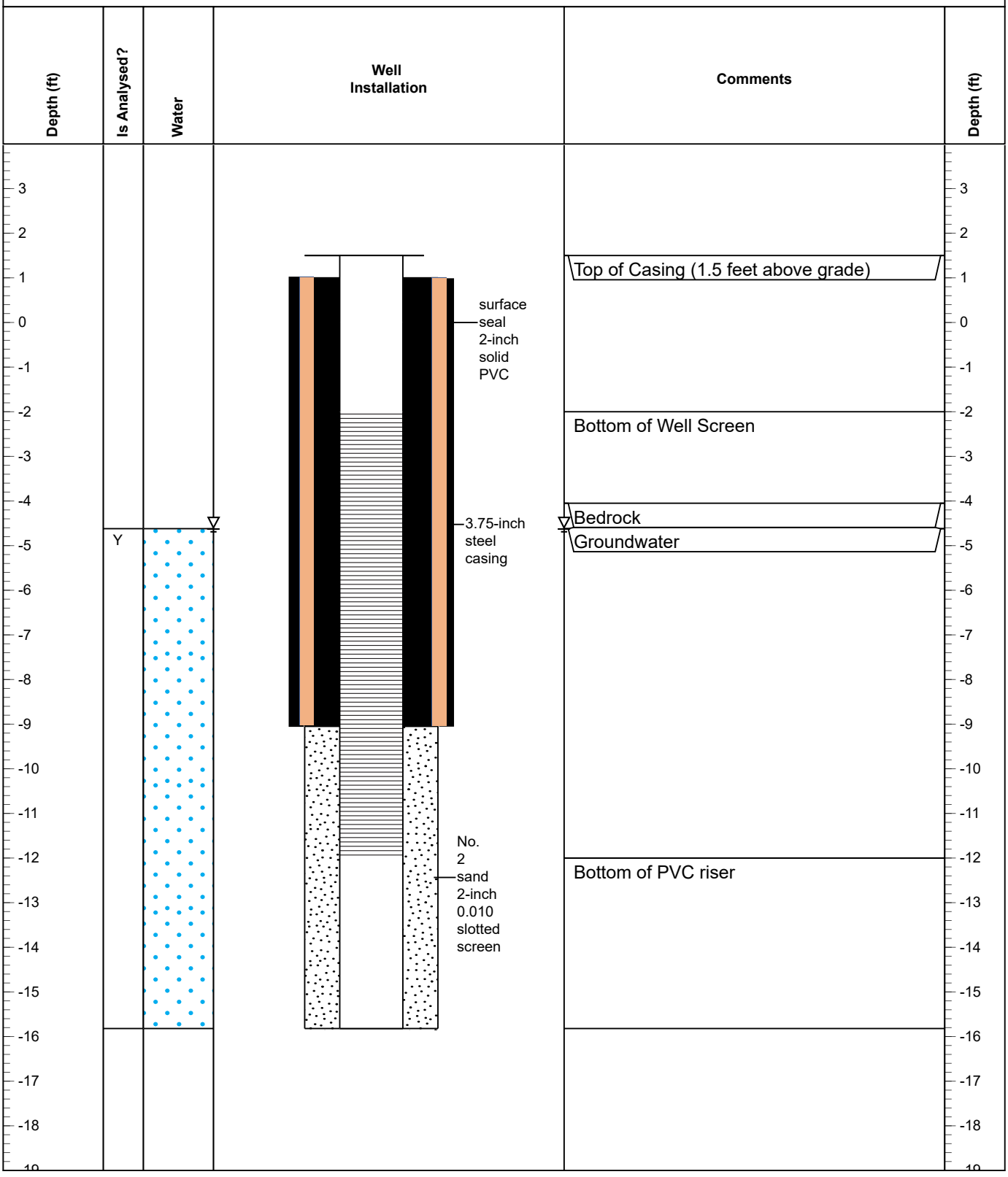
MONITORING WELL MW-4

PROJECT NAME 315 Grand Concourse and 270 Walton Avenue
ADDRESS 315 Grand Concourse and 270 Walton Avenue, Bronx
DRILLING DATE 1/11/23
DIAMETER 3.75"

DRILLING COMPANY Coastal Environmental
DRILLER Michael
DRILL RIG Geoprobe 7822DT
TOTAL DEPTH 15.82 feet bgs
BGS Below Grade Surface
Bedrock Beginning at 4 feet 1 inch bgs

SURFACE ELEVATION
WELL TOC 1.5 feet above grade
DEPTH TO WATER 4.62 feet bgs
SCREENED DEPTH 2-12 feet bgs
LOGGED BY David Klein

Well ID: MW-4



Disclaimer This bore log is intended for environmental not geotechnical purposes.

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vEKtor consultants

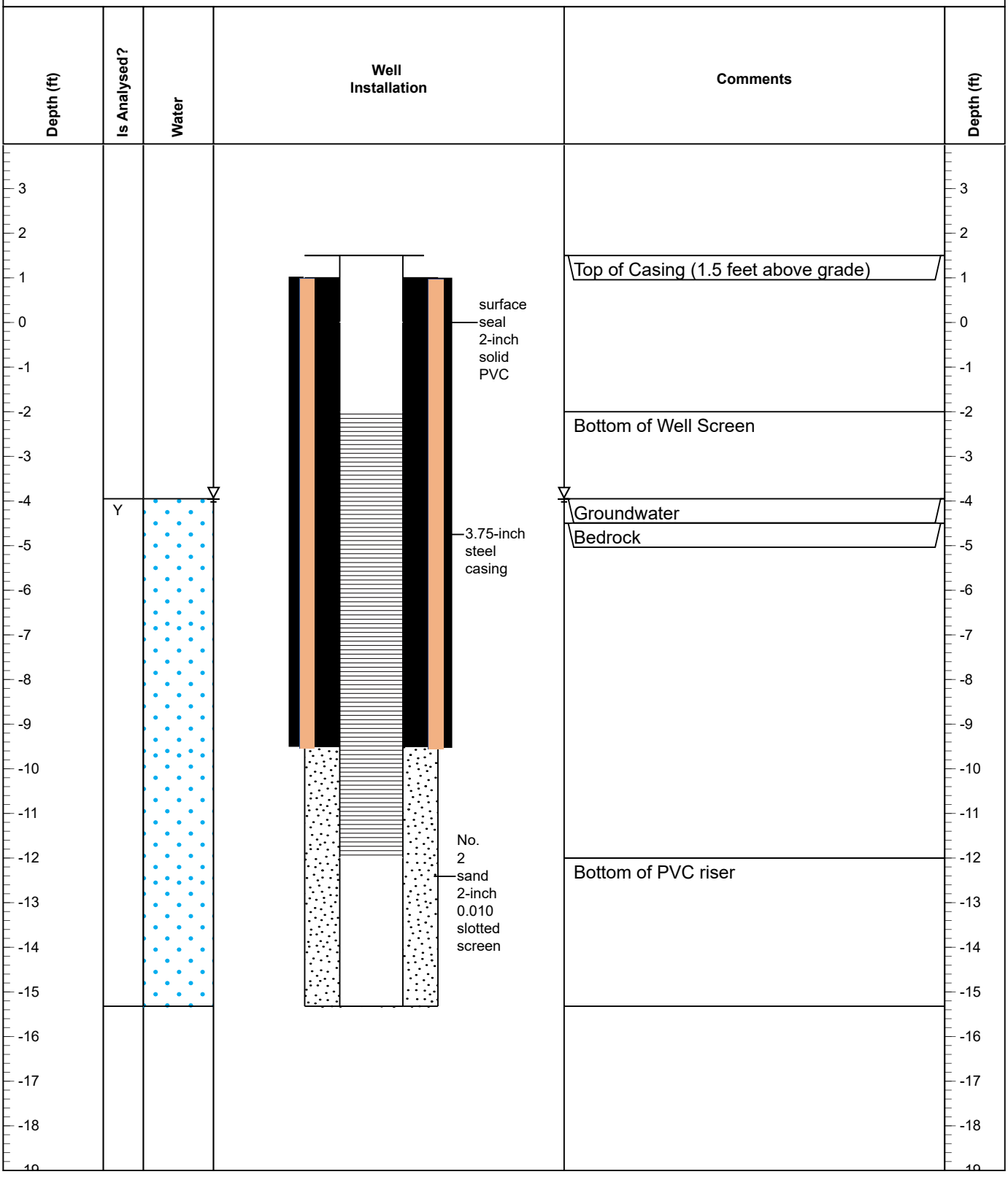
MONITORING WELL MW-5

PROJECT NAME 315 Grand Concourse and 270 Walton Avenue
ADDRESS 315 Grand Concourse and 270 Walton Avenue, Bronx
DRILLING DATE 1/11/23
DIAMETER 3.75"

DRILLING COMPANY Coastal Environmental
DRILLER Michael
DRILL RIG Geoprobe 7822DT
TOTAL DEPTH 15.32 feet bgs
BGS Below Grade Surface
Bedrock Beginning at 4 feet 6 inches bgs

SURFACE ELEVATION
WELL TOC 1.5 feet above grade
DEPTH TO WATER 3.95 feet bgs
SCREENED DEPTH 2-12 feet bgs
LOGGED BY David Klein

Well ID: MW-5



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vEKtor consultants

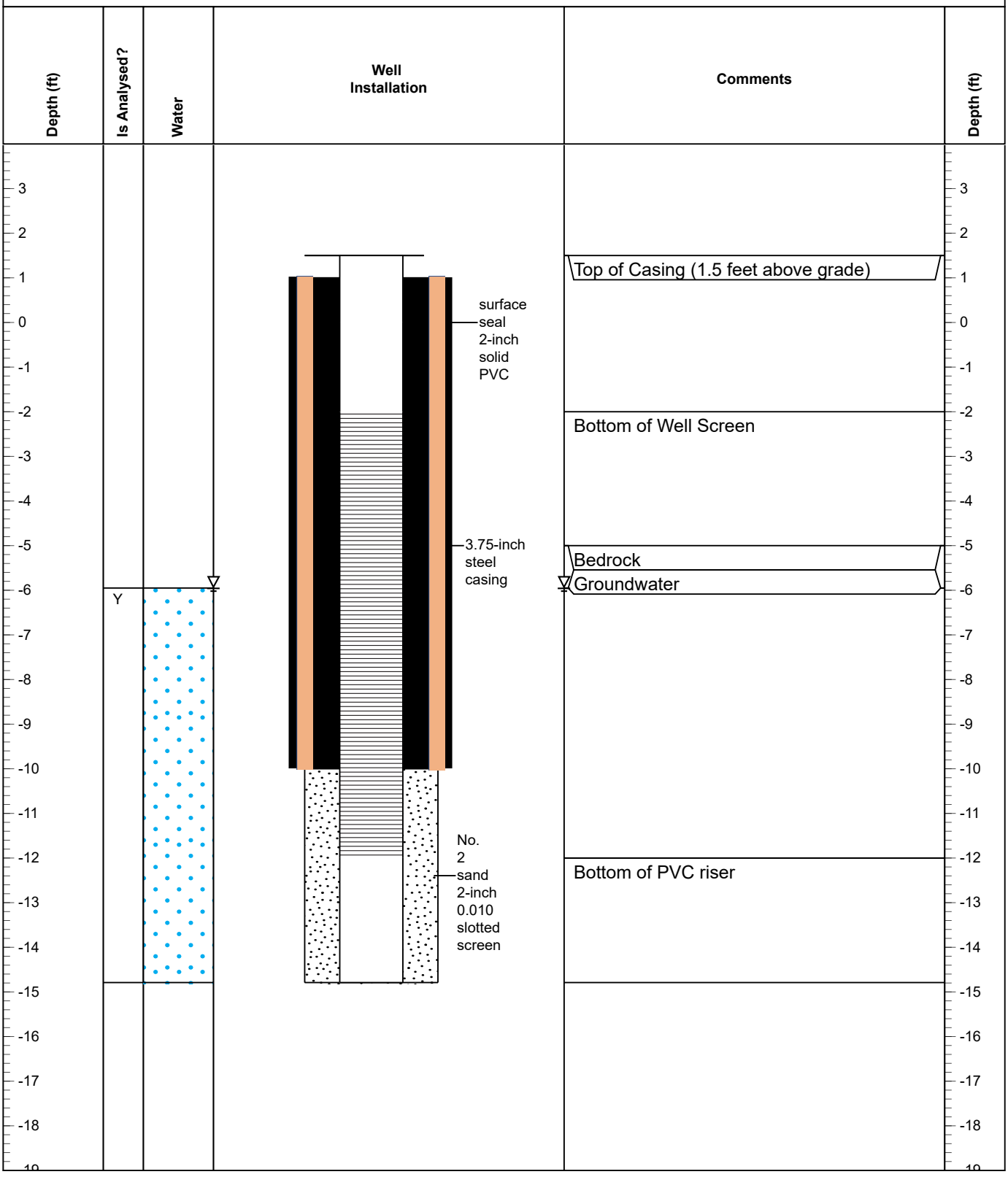
MONITORING WELL MW-5

PROJECT NAME 315 Grand Concourse and 270 Walton Avenue
ADDRESS 315 Grand Concourse and 270 Walton Avenue, Bronx
DRILLING DATE 1/11/23
DIAMETER 3.75"

DRILLING COMPANY Coastal Environmental
DRILLER Michael
DRILL RIG Geoprobe 7822DT
TOTAL DEPTH 14.79 feet bgs
BGS Below Grade Surface
Bedrock Beginning at 5 feet bgs

SURFACE ELEVATION
WELL TOC 1.5 feet above grade
DEPTH TO WATER 5.95 feet bgs
SCREENED DEPTH 2-12 feet bgs
LOGGED BY David Klein

Well ID: MW-6



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APPENDIX E

LOW FLOW SAMPLING LOGS & WELL SURVEY

LOW FLOW SAMPLING
DATA SHEET

SHEET 1 OF 7

SITE: 315 GC
DATE: 1/26/23
WEATHER:

CONSULTING FIRM:
FIELD PERSONNEL:

MONITOR WELL #: 1
WELL PERMIT #:
WELL DEPTH: ~~[illegible]~~ 14.01
WELL DIAMETER: inches
SCREENED/OPEN INTERVAL: ~~[illegible]~~ 2-12

PID/FID READINGS (ppm):
BACKGROUND:
BENEATH OUTER CAP:
BENEATH INNER CAP:

PUMP INTAKE DEPTH: ft below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION : 2.74 ft below TOC

TIME	PURGING	SAMPLING	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mv) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/l) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (degrees C) READING	TEMPERATURE CHANGE*	PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
1000			13.04	NA	4.47	NA	-36	NA	3.82	NA	31	NA	13.67	NA	~250	2.42
1010			13.41		4.72		-57		3.17		28		13.90		~250	3.89
1020			13.69		5.01		-62		2.67		27		13.76		~250	4.52
1030			13.76		5.06		-71		2.49		27		13.62		~250	4.89
1040			13.82		5.09		-73		2.44		26		13.49		~250	5.36
1050			13.85		5.08		-76		2.40		25		13.44		~250	6.26

COMMENTS: 1100 collect MW-1 ~~[illegible]~~

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING
DATA SHEET

SHEET 2 OF 7

SITE: 3.5 Grand Concourse
DATE: 1/26/23
WEATHER:

CONSULTING FIRM:
FIELD PERSONNEL:

MONITOR WELL #: 2
WELL PERMIT #:
WELL DEPTH: ~~[illegible]~~ 14.32
WELL DIAMETER: inches
SCREENED/OPEN INTERVAL: ~~[illegible]~~ 2.5-12.5

PID/FID READINGS (ppm):
BACKGROUND:
BENEATH OUTER CAP:
BENEATH INNER CAP:

PUMP INTAKE DEPTH: ft below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION : 3.16 ft below TOC

TIME	PURGING	SAMPLING	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mv) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/l) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (degrees C) READING	TEMPERATURE CHANGE*	PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
1110			12.95 ~~[illegible]~~	NA	0.464	NA	-5	NA	0.000	NA	46	NA	13.98	NA	-250	3.16
1120			13.11		0.478		11		0.000		27		13.79		-250	3.44
1130			13.27		0.485		22		0.000		18		13.62		-250	3.86
1140			13.29		0.485		24		0.000		16		13.56		-250	4.02
1150			13.32		0.486		26		0.000		14		13.59		-250	4.23

COMMENTS: collect MW-2 @ 1200

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING
DATA SHEET

SITE: 3156C
DATE: 1/26/23
WEATHER:
CONSULTING FIRM:
FIELD PERSONNEL:

MONITOR WELL #: MW-3
WELL PERMIT #:
WELL DEPTH: 14.98
WELL DIAMETER: inches
SCREENED/OPEN INTERVAL: 2.5-12.5

PID/FID READINGS (ppm):
BACKGROUND:
BENEATH OUTER CAP:
BENEATH INNER CAP:
PUMP INTAKE DEPTH: ft below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 3.89 ft below TOC

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
0830			12.34	NA	0.455	NA	17	NA	3.66	NA	29	NA	13.70	NA	175	3.89
0845			12.32		0.449		12		2.92		24		13.91			5.71
0850			12.17		0.442		13		2.07		21		14.03			6.85
0900			12.09		0.439		16		2.18		20		14.09			7.63
0910			12.92		0.438		20		1.87		19		13.90			8.62
0920			12.97		0.435		19		1.89		19		13.87			9.87
0930			12.98		0.437		20		1.82		18		13.84			10.01

COMMENTS: collect MW-3 @ 0940

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING
DATA SHEET

SHEET 4 OF 7

SITE: _____ CONSULTING FIRM: _____
DATE: _____ FIELD PERSONNEL: _____
WEATHER: _____

MONITOR WELL #: MW-4 WELL DEPTH: ~~17~~ 82 SCREENED/OPEN INTERVAL: ~~2 - 13~~ 3.5 - 13.5
WELL PERMIT #: _____ WELL DIAMETER: _____ inches

PID/FID READINGS (ppm): BACKGROUND: _____ PUMP INTAKE DEPTH: _____ ft below TOC
BENEATH OUTER CAP: _____ DEPTH TO WATER BEFORE PUMP INSTALLATION : 6.12 ft below TOC
BENEATH INNER CAP: _____

TIME	PURGING	SAMPLING	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mv)		DISSOLVED OXYGEN (mg/l)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
1100			8.90	NA	0.748	NA	-114	NA	0.00	NA	175	NA	11.37	NA		6.12
1205			8.60		0.73		+-130		0.000		41		11.58			6.13
1210			8.71		0.688		-134		0.000		12		11.63			6.14
1215			8.10		0.678		-135		0.000		9		11.59			6.16
1220			8.08		0.677		-137		0.000		8		11.58			6.18
1230			8.06		0.677		-137		0.000		8		11.58			6.19
1240			8.04		0.676		-139		0.000		6		11.57			

COMMENTS: collect MW-4 @ 1250

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING
DATA SHEET

SHEET 5 OF 7

SITE: 3150 CONSULTING FIRM:
DATE: 11/15/23 FIELD PERSONNEL:
WEATHER:

MONITOR WELL #: MW-5 WELL DEPTH: ~~15.32~~ 16.82 SCREENED/OPEN INTERVAL: ~~2-17~~ 3.5-13.5
WELL PERMIT #: WELL DIAMETER: inches

PID/FID READINGS (ppm): BACKGROUND:
BENEATH OUTER CAP:
BENEATH INNER CAP:

PUMP INTAKE DEPTH: 9' ft below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION : 5.45 ft below TOC

TIME	PURGING	SAMPLING	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mv) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/l) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (degrees C) READING	TEMPERATURE CHANGE*	PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
0820			7.06	NA	3.36	NA	245	NA	4.60	NA	71	NA	12.19	NA	~250	5.45
0830			7.73		~~2.63~~ 3.77		213		3.55		47		12.32		~250	6.63
0840			7.75		3.68		204		~~2.69~~ 3.44		38		12.69			6.74
0850			7.75		3.~~68~~		210		3.31		35		12.72			6.72
0900			7.75		3.52		215		3.24		32		12.76			6.72
0910			7.75		3.49		217		3.22		30		12.77			6.73

COMMENTS: collect MW-5 @0915, collect MS/MSD @0920 + 0925

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING
DATA SHEET

SITE: _____ CONSULTING FIRM: _____

DATE: _____ FIELD PERSONNEL: _____

WEATHER: _____

MONITOR WELL #: MW-6 WELL DEPTH: ~~14.28~~ 16.29 SCREENED/OPEN INTERVAL: ~~7.00~~ 3.5-13.5

WELL PERMIT #: _____ WELL DIAMETER: _____ inches

PID/FID READINGS (ppm): BACKGROUND: _____

BENEATH OUTER CAP: _____

BENEATH INNER CAP: _____

PUMP INTAKE DEPTH: _____ ft below TOC

DEPTH TO WATER BEFORE PUMP INSTALLATION : 7.45 ft below TOC

TIME	PURGING	SAMPLING	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mv) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/l) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (degrees C) READING	TEMPERATURE CHANGE*	PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
1310			7.37	NA	2.89	NA	24	NA	0.00	NA	43	NA	13.70	NA	-750	7.45
			7.43		2.82		17		0.00		28		13.57		-750	7.52
			7.74		2.45		-68		0.00		12		13.36		-750	7.59
			7.75		2.43		-71		0.00		12		13.31		-750	7.66

COMMENTS:

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LOW FLOW SAMPLING
DATA SHEET

SHEET 7 OF 7

SITE: @ 3156C
DATE: 11/24/13
WEATHER:

CONSULTING FIRM:
FIELD PERSONNEL:

MONITOR WELL #: 7
WELL PERMIT #:
WELL DEPTH: ~~19.78~~
WELL DIAMETER: 1 Inches
SCREENED/OPEN INTERVAL: ~~3-19~~

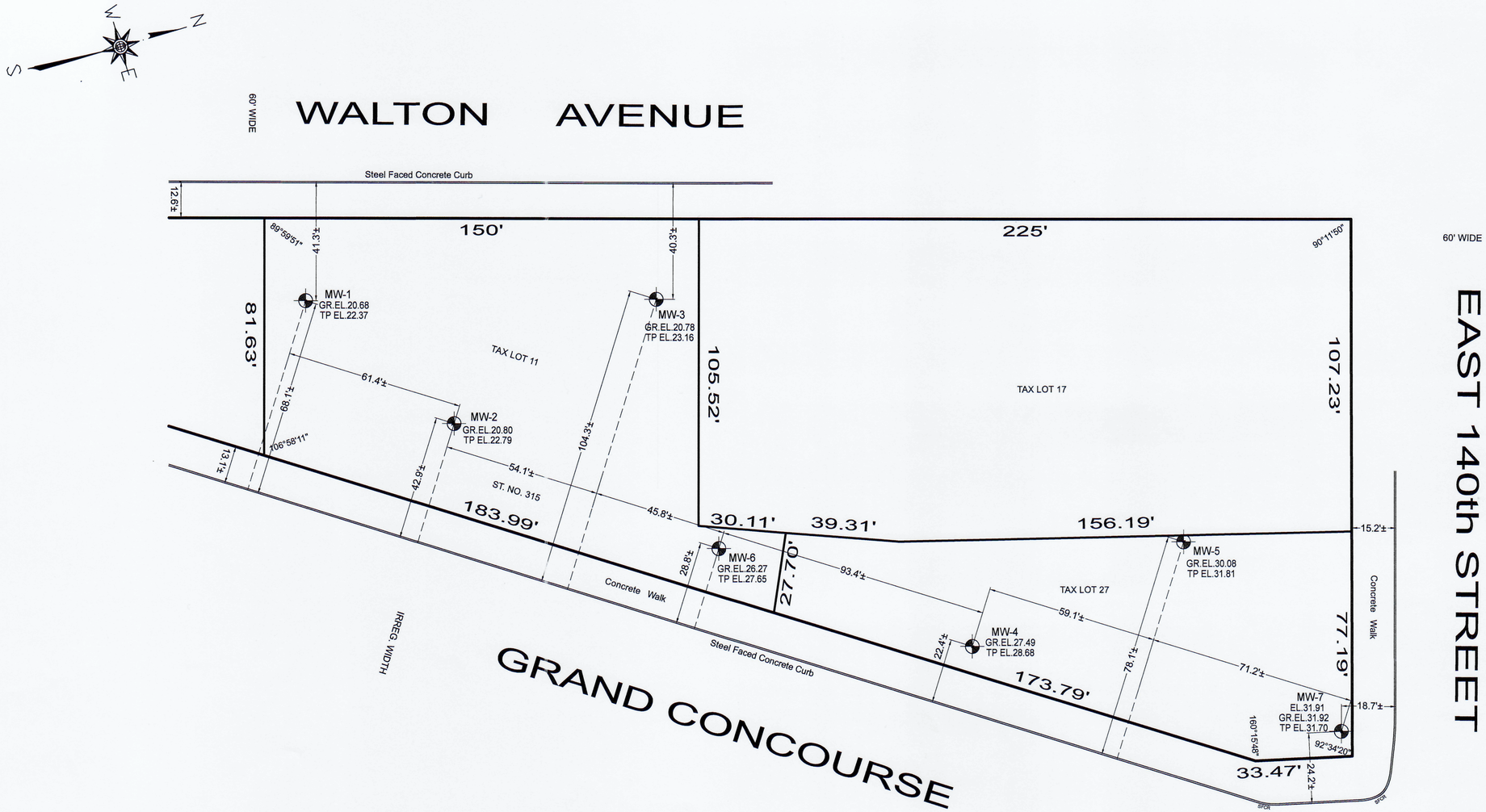
PID/FID READINGS (ppm): BACKGROUND:
BENEATH OUTER CAP:
BENEATH INNER CAP:

PUMP INTAKE DEPTH: _____ ft below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION : 3.72 ft below TOC

TIME	PURGING	SAMPLING	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mv) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/l) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (degrees C) READING	TEMPERATURE CHANGE*	PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
1030			~~8~~ 8,65	NA	1,98	NA	70	NA	0,37	NA	227	NA	10,12	NA	~250	3,72
1040			8,54		2,12		-64		0,00		95		10,52		~250	4,50
1050			8,47		2,13		-80		0,00		47		10,50		~250	4,44
1100			8,43		2,13		-84		0,00		44		10,53		~250	4,51
1110			8,40		2,13		-87		0,00		40		10,49		~250	4,44
1170			~~8~~ 8,38		2,12		-90		0,00		38		10,51		~250	4,46

COMMENTS: collect MW-7 @ 1125

*INDICATOR PARAMETERS HAVE STABLIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mv for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity



SURVEY NO. 67570

67570001.DWG
67570001.CRD

REV	DATE	DESCRIPTION	ck
—	02/17/23	MONITORING WELLS LOCATION SURVEY	

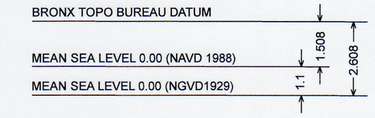
LEGEND

MW-3 .....MONITORING WELL

GR.EL....GROUND ELEVATION
EL .....TOP OF MONITORING WELL ELEVATION
TP.....TOP OF PIPE ELEVATION
PR.....PEDESTRIAN RAMP
SFCR.....STEEL FACED CURB ROUND

GENERAL NOTES

1. ELEVATIONS SHOWN HEREON REFER TO NAVD 1988 WHICH IS 1.508 FEET BELOW THE BRONX TOPOGRAPHICAL BUREAU DATUM.
2. THIS SURVEY IS NOT A TITLE SURVEY AND IS NOT TO BE USED FOR TITLE PURPOSES. ALL PHYSICAL FACTS ARE NOT SHOWN.



NAVD 1988 DATUM IS 1.508 FEET BELOW THE BRONX TOPO BUREAU DATUM

CITY OF NEW YORK — COUNTY: THE BRONX
TAX BLOCK: 2344 — TAX LOT: 11 & 27
STANDARD: U.S. — SCALE: 1" = 30'

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DRAWN: M.S.

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APPENDIX F

CAMP REPORTS

Site: 315 Grand Concourse
Date: 1/5/2023

Summary: No VOC detections
Location: Upwind
Unit Name: MiniRAW (3000) (PGM-7320)
Serial Number: 592-601298
Running Mode: Hygiene Mode
Datalog Mode: Manual
Diagnostic Mode: No
Stop Reson: Pause in Menu Mode

	Date	Time
Begin:	1/5/2023	9:01
End:	1/5/2023	14:31

Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 250.0
TWA Alarm 100.0
Measurement Gas: Isobutylene
Calibration Time 1/5/23 8:53am

Peak: 0.0 ppm
Min: 0.0 ppm
Average: 0.0 ppm

Datalog:

Date	Time	PID (ppm)
1/5/2023	9:16:00 AM	0.0
1/5/2023	9:31:00 AM	0.0
1/5/2023	9:46:00 AM	0.0
1/5/2023	10:01:00 AM	0.0
1/5/2023	10:16:00 AM	0.0
1/5/2023	10:31:00 AM	0.0
1/5/2023	10:46:00 AM	0.0
1/5/2023	11:01:00 AM	0.0
1/5/2023	11:16:00 AM	0.0
1/5/2023	11:31:00 AM	0.0
1/5/2023	11:46:00 AM	0.0
1/5/2023	12:01:00 PM	0.0
1/5/2023	12:16:00 PM	0.0
1/5/2023	12:31:00 PM	0.0
1/5/2023	12:46:00 PM	0.0
1/5/2023	1:01:00 PM	0.0
1/5/2023	1:16:00 PM	0.0
1/5/2023	1:31:00 PM	0.0
1/5/2023	1:46:00 PM	0.0
1/5/2023	2:01:00 PM	0.0
1/5/2023	2:16:00 PM	0.0
1/5/2023	2:31:00 PM	0.0

Site: 315 Grand Concourse
Date: 1/5/2023

Summary: No VOC detections
Location: Downwind
Unit Name: MiniRAW (3000) (PGM-7320)
Serial Number: 592-923366
Running Mode: Hygiene Mode
Datalog Mode: Manual
Diagnostic Mode: No
Stop Reson: Pause in Menu Mode

	Date	Time
Begin:	1/5/2023	9:04
End:	1/5/2023	14:34

Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 250.0
TWA Alarm 100.0
Measurement Gas: Isobutylene
Calibration Time 1/5/23 8:54am

Peak: 0.0 ppm
Min: 0.0 ppm
Average: 0.0 ppm

Datalog:

Date	Time	PID (ppm)
1/5/2023	9:19:00 AM	0.0
1/5/2023	9:34:00 AM	0.0
1/5/2023	9:49:00 AM	0.0
1/5/2023	10:04:00 AM	0.0
1/5/2023	10:19:00 AM	0.0
1/5/2023	10:34:00 AM	0.0
1/5/2023	10:49:00 AM	0.0
1/5/2023	11:04:00 AM	0.0
1/5/2023	11:19:00 AM	0.0
1/5/2023	11:34:00 AM	0.0
1/5/2023	11:49:00 AM	0.0
1/5/2023	12:04:00 PM	0.0
1/5/2023	12:19:00 PM	0.0
1/5/2023	12:34:00 PM	0.0
1/5/2023	12:49:00 PM	0.0
1/5/2023	1:04:00 PM	0.0
1/5/2023	1:19:00 PM	0.0
1/5/2023	1:34:00 PM	0.0
1/5/2023	1:49:00 PM	0.0
1/5/2023	2:04:00 PM	0.0
1/5/2023	2:19:00 PM	0.0
1/5/2023	2:34:00 PM	0.0

Site: 315 Grand Concourse
Date: 1/6/2023

Summary: No VOC detections
Location: Upwind
Unit Name: MiniRAW (3000) (PGM-7320)
Serial Number: 592-601298
Running Mode: Hygiene Mode
Datalog Mode: Manual
Diagnostic Mode: No
Stop Reson: Pause in Menu Mode

	Date	Time
Begin:	1/6/2023	--
End:	1/6/2023	--

Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 250.0
TWA Alarm 100.0
Measurement Gas: Isobutylene
Calibration Time --

Peak: 0.0 ppm
Min: 0.0 ppm
Average: 0.0 ppm

Datalog: Date Time PID (ppm)
No CAMP due to precipation onsite

Site: 315 Grand Concourse
Date: 1/6/2023

Summary: No VOC detections
Location: Downwind
Unit Name: MiniRAW (3000) (PGM-7320)
Serial Number: 592-923366
Running Mode: Hygiene Mode
Datalog Mode: Manual
Diagnostic Mode: No
Stop Reson: Pause in Menu Mode

	Date	Time
Begin:	1/6/2023	--
End:	1/6/2023	--

Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 250.0
TWA Alarm 100.0
Measurement Gas: Isobutylene
Calibration Time --

Peak: 0.0 ppm
Min: 0.0 ppm
Average: 0.0 ppm

Datalog: Date Time PID (ppm)
No CAMP due to precipation onsite

Site: 315 Grand Concourse
Date: 1/9/2023

Summary: No VOC detections
Location: Upwind
Unit Name: MiniRAW (3000) (PGM-7320)
Serial Number: 592-601298
Running Mode: Hygiene Mode
Datalog Mode: Manual
Diagnostic Mode: No
Stop Reson: Pause in Menu Mode

	Date	Time
Begin:	1/9/2023	8:35
End:	1/9/2023	14:35

Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 250.0
TWA Alarm 100.0
Measurement Gas: Isobutylene
Calibration Time 1/9/23 8:12am

Peak: 0.0 ppm
Min: 0.0 ppm
Average: 0.0 ppm

Datalog:

Date	Time	PID (ppm)
1/9/2023	8:50:00 AM	0.0
1/9/2023	9:05:00 AM	0.0
1/9/2023	9:20:00 AM	0.0
1/9/2023	9:35:00 AM	0.0
1/9/2023	9:50:00 AM	0.0
1/9/2023	10:05:00 AM	0.0
1/9/2023	10:20:00 AM	0.0
1/9/2023	10:35:00 AM	0.0
1/9/2023	10:50:00 AM	0.0
1/9/2023	11:05:00 AM	0.0
1/9/2023	11:20:00 AM	0.0
1/9/2023	11:35:00 AM	0.0
1/9/2023	11:50:00 AM	0.0
1/9/2023	12:05:00 PM	0.0
1/9/2023	12:20:00 PM	0.0
1/9/2023	12:35:00 PM	0.0
1/9/2023	12:50:00 PM	0.0
1/9/2023	1:05:00 PM	0.0
1/9/2023	1:20:00 PM	0.0
1/9/2023	1:35:00 PM	0.0
1/9/2023	1:50:00 PM	0.0
1/9/2023	2:05:00 PM	0.0
1/9/2023	2:20:00 PM	0.0
1/9/2023	2:35:00 PM	0.0

Site: 315 Grand Concourse
Date: 1/9/2023

Summary: No VOC detections
Location: Downwind
Unit Name: MiniRAW (3000) (PGM-7320)
Serial Number: 592-923366
Running Mode: Hygiene Mode
Datalog Mode: Manual
Diagnostic Mode: No
Stop Reson: Pause in Menu Mode

	Date	Time
Begin:	1/9/2023	8:32
End:	1/9/2023	14:32

Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 250.0
TWA Alarm 100.0
Measurement Gas: Isobutylene
Calibration Time 1/9/23 8:15am

Peak: 0.0 ppm
Min: 0.0 ppm
Average: 0.0 ppm

Datalog:

Date	Time	PID (ppm)
1/9/2023	8:47:00 AM	0.0
1/9/2023	9:02:00 AM	0.0
1/9/2023	9:17:00 AM	0.0
1/9/2023	9:32:00 AM	0.0
1/9/2023	9:47:00 AM	0.0
1/9/2023	10:02:00 AM	0.0
1/9/2023	10:17:00 AM	0.0
1/9/2023	10:32:00 AM	0.0
1/9/2023	10:47:00 AM	0.0
1/9/2023	11:02:00 AM	0.0
1/9/2023	11:17:00 AM	0.0
1/9/2023	11:32:00 AM	0.0
1/9/2023	11:47:00 AM	0.0
1/9/2023	12:02:00 PM	0.0
1/9/2023	12:17:00 PM	0.0
1/9/2023	12:32:00 PM	0.0
1/9/2023	12:47:00 PM	0.0
1/9/2023	1:02:00 PM	0.0
1/9/2023	1:17:00 PM	0.0
1/9/2023	1:32:00 PM	0.0
1/9/2023	1:47:00 PM	0.0
1/9/2023	2:02:00 PM	0.0
1/9/2023	2:17:00 PM	0.0
1/9/2023	2:32:00 PM	0.0

Site: 315 Grand Concourse
Date: 1/10/2023

Summary: No VOC detections
Location: Upwind
Unit Name: MiniRAW (3000) (PGM-7320)
Serial Number: 592-601298
Running Mode: Hygiene Mode
Datalog Mode: Manual
Diagnostic Mode: No
Stop Reson: Pause in Menu Mode

	Date	Time
Begin:	1/10/2023	8:31
End:	1/10/2023	14:31

Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 250.0
TWA Alarm 100.0
Measurement Gas: Isobutylene
Calibration Time 1/10/23 8:12am

Peak: 0.0 ppm
Min: 0.0 ppm
Average: 0.0 ppm

Datalog:

Date	Time	PID (ppm)
1/10/2023	8:46:00 AM	0.0
1/10/2023	9:01:00 AM	0.0
1/10/2023	9:16:00 AM	0.0
1/10/2023	9:31:00 AM	0.0
1/10/2023	9:46:00 AM	0.0
1/10/2023	10:01:00 AM	0.0
1/10/2023	10:16:00 AM	0.0
1/10/2023	10:31:00 AM	0.0
1/10/2023	10:46:00 AM	0.0
1/10/2023	11:01:00 AM	0.0
1/10/2023	11:16:00 AM	0.0
1/10/2023	11:31:00 AM	0.0
1/10/2023	11:46:00 AM	0.0
1/10/2023	12:01:00 PM	0.0
1/10/2023	12:16:00 PM	0.0
1/10/2023	12:31:00 PM	0.0
1/10/2023	12:46:00 PM	0.0
1/10/2023	1:01:00 PM	0.0
1/10/2023	1:16:00 PM	0.0
1/10/2023	1:31:00 PM	0.0
1/10/2023	1:46:00 PM	0.0
1/10/2023	2:01:00 PM	0.0
1/10/2023	2:16:00 PM	0.0
1/10/2023	2:31:00 PM	0.0

Site: 315 Grand Concourse
Date: 1/10/2023

Summary: No VOC detections
Location: Downwind
Unit Name: MiniRAW (3000) (PGM-7320)
Serial Number: 592-923366
Running Mode: Hygiene Mode
Datalog Mode: Manual
Diagnostic Mode: No
Stop Reson: Pause in Menu Mode

	Date	Time
Begin:	1/10/2023	8:29
End:	1/10/2023	14:29

Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 250.0
TWA Alarm 100.0
Measurement Gas: Isobutylene
Calibration Time 1/10/23 8:14am

Peak: 0.0 ppm
Min: 0.0 ppm
Average: 0.0 ppm

Datalog:

Date	Time	PID (ppm)
1/10/2023	8:44:00 AM	0.0
1/10/2023	8:59:00 AM	0.0
1/10/2023	9:14:00 AM	0.0
1/10/2023	9:29:00 AM	0.0
1/10/2023	9:44:00 AM	0.0
1/10/2023	9:59:00 AM	0.0
1/10/2023	10:14:00 AM	0.0
1/10/2023	10:29:00 AM	0.0
1/10/2023	10:44:00 AM	0.0
1/10/2023	10:59:00 AM	0.0
1/10/2023	11:14:00 AM	0.0
1/10/2023	11:29:00 AM	0.0
1/10/2023	11:44:00 AM	0.0
1/10/2023	11:59:00 AM	0.0
1/10/2023	12:14:00 PM	0.0
1/10/2023	12:29:00 PM	0.0
1/10/2023	12:44:00 PM	0.0
1/10/2023	12:59:00 PM	0.0
1/10/2023	1:14:00 PM	0.0
1/10/2023	1:29:00 PM	0.0
1/10/2023	1:44:00 PM	0.0
1/10/2023	1:59:00 PM	0.0
1/10/2023	2:14:00 PM	0.0
1/10/2023	2:29:00 PM	0.0

Site: 315 Grand Concourse
Date: 1/11/2023

Summary: No VOC detections
Location: Upwind
Unit Name: MiniRAW (3000) (PGM-7320)
Serial Number: 592-601298
Running Mode: Hygiene Mode
Datalog Mode: Manual
Diagnostic Mode: No
Stop Reson: Pause in Menu Mode

	Date	Time
Begin:	1/11/2023	8:26
End:	1/11/2023	14:26

Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 250.0
TWA Alarm 100.0
Measurement Gas: Isobutylene
Calibration Time 1/11/23 8:14am

Peak: 0.0 ppm
Min: 0.0 ppm
Average: 0.0 ppm

Datalog:

Date	Time	PID (ppm)
1/11/2023	8:41:00 AM	0.0
1/11/2023	8:56:00 AM	0.0
1/11/2023	9:11:00 AM	0.0
1/11/2023	9:26:00 AM	0.0
1/11/2023	9:41:00 AM	0.0
1/11/2023	9:56:00 AM	0.0
1/11/2023	10:11:00 AM	0.0
1/11/2023	10:26:00 AM	0.0
1/11/2023	10:41:00 AM	0.0
1/11/2023	10:56:00 AM	0.0
1/11/2023	11:11:00 AM	0.0
1/11/2023	11:26:00 AM	0.0
1/11/2023	11:41:00 AM	0.0
1/11/2023	11:56:00 AM	0.0
1/11/2023	12:11:00 PM	0.0
1/11/2023	12:26:00 PM	0.0
1/11/2023	12:41:00 PM	0.0
1/11/2023	12:56:00 PM	0.0
1/11/2023	1:11:00 PM	0.0
1/11/2023	1:26:00 PM	0.0
1/11/2023	1:41:00 PM	0.0
1/11/2023	1:56:00 PM	0.0
1/11/2023	2:11:00 PM	0.0
1/11/2023	2:26:00 PM	0.0

Site: 315 Grand Concourse
Date: 1/11/2023

Summary: No VOC detections
Location: Downwind
Unit Name: MiniRAW (3000) (PGM-7320)
Serial Number: 592-923366
Running Mode: Hygiene Mode
Datalog Mode: Manual
Diagnostic Mode: No
Stop Reson: Pause in Menu Mode

	Date	Time
Begin:	1/11/2023	8:33
End:	1/11/2023	14:33

Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 250.0
TWA Alarm 100.0
Measurement Gas: Isobutylene
Calibration Time 1/11/23 8:12am

Peak: 0.0 ppm
Min: 0.0 ppm
Average: 0.0 ppm

Datalog:

Date	Time	PID (ppm)
1/11/23	8:48:00 AM	0.0
1/11/23	9:03:00 AM	0.0
1/11/23	9:18:00 AM	0.0
1/11/23	9:33:00 AM	0.0
1/11/23	9:48:00 AM	0.0
1/11/23	10:03:00 AM	0.0
1/11/23	10:18:00 AM	0.0
1/11/23	10:33:00 AM	0.0
1/11/23	10:48:00 AM	0.0
1/11/23	11:03:00 AM	0.0
1/11/23	11:18:00 AM	0.0
1/11/23	11:33:00 AM	0.0
1/11/23	11:48:00 AM	0.0
1/11/23	12:03:00 PM	0.0
1/11/23	12:18:00 PM	0.0
1/11/23	12:33:00 PM	0.0
1/11/23	12:48:00 PM	0.0
1/11/23	1:03:00 PM	0.0
1/11/23	1:18:00 PM	0.0
1/11/23	1:33:00 PM	0.0
1/11/23	1:48:00 PM	0.0
1/11/23	2:03:00 PM	0.0
1/11/23	2:18:00 PM	0.0
1/11/23	2:33:00 PM	0.0

Site: 315 Grand Concourse
Date: 1/12/2023

Summary: No VOC detections
Location: Upwind
Unit Name: MiniRAW (3000) (PGM-7320)
Serial Number: 592-601298
Running Mode: Hygiene Mode
Datalog Mode: Manual
Diagnostic Mode: No
Stop Reson: Pause in Menu Mode

	Date	Time
Begin:	1/12/2023	--
End:	1/12/2023	--

Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 250.0
TWA Alarm 100.0
Measurement Gas: Isobutylene
Calibration Time --

Peak: 0.0 ppm
Min: 0.0 ppm
Average: 0.0 ppm

Datalog: Date Time PID (ppm)
No CAMP due to precipation onsite

Site: 315 Grand Concourse
Date: 1/12/2023

Summary: No VOC detections
Location: Downwind
Unit Name: MiniRAW (3000) (PGM-7320)
Serial Number: 592-923366
Running Mode: Hygiene Mode
Datalog Mode: Manual
Diagnostic Mode: No
Stop Reson: Pause in Menu Mode

	Date	Time
Begin:	1/12/2023	--
End:	1/12/2023	--

Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 250.0
TWA Alarm 100.0
Measurement Gas: Isobutylene
Calibration Time --

Peak: 0.0 ppm
Min: 0.0 ppm
Average: 0.0 ppm

Datalog: Date Time PID (ppm)
No CAMP due to precipation onsite

Site: 315 Grand Concourse
Date: 1/13/2023

Summary: No VOC detections
Location: Upwind
Unit Name: MiniRAW (3000) (PGM-7320)
Serial Number: 592-601298
Running Mode: Hygiene Mode
Datalog Mode: Manual
Diagnostic Mode: No
Stop Reson: Pause in Menu Mode

	Date	Time
Begin:	1/13/2023	9:02
End:	1/13/2023	13:02

Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 250.0
TWA Alarm 100.0
Measurement Gas: Isobutylene
Calibration Time 1/13/23 8:51am

Peak: 0.0 ppm
Min: 0.0 ppm
Average: 0.0 ppm

Datalog:

Date	Time	PID (ppm)
1/13/2023	9:17:00 AM	0.0
1/13/2023	9:32:00 AM	0.0
1/13/2023	9:47:00 AM	0.0
1/13/2023	10:02:00 AM	0.0
1/13/2023	10:17:00 AM	0.0
1/13/2023	10:32:00 AM	0.0
1/13/2023	10:47:00 AM	0.0
1/13/2023	11:02:00 AM	0.0
1/13/2023	11:17:00 AM	0.0
1/13/2023	11:32:00 AM	0.0
1/13/2023	11:47:00 AM	0.0
1/13/2023	12:02:00 PM	0.0
1/13/2023	12:17:00 PM	0.0
1/13/2023	12:32:00 PM	0.0
1/13/2023	12:47:00 PM	0.0
1/13/2023	1:02:00 PM	0.0

Site: 315 Grand Concourse
Date: 1/13/2023

Summary: No VOC detections
Location: Downwind
Unit Name: MiniRAW (3000) (PGM-7320)
Serial Number: 592-923366
Running Mode: Hygiene Mode
Datalog Mode: Manual
Diagnostic Mode: No
Stop Reson: Pause in Menu Mode

	Date	Time
Begin:	1/13/2023	9:04
End:	1/13/2023	13:04

Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 250.0
TWA Alarm 100.0
Measurement Gas: Isobutylene
Calibration Time 1/13/23 8:48am

Peak: 0.0 ppm
Min: 0.0 ppm
Average: 0.0 ppm

Datalog:

Date	Time	PID (ppm)
1/13/2023	9:19:00 AM	0.0
1/13/2023	9:34:00 AM	0.0
1/13/2023	9:49:00 AM	0.0
1/13/2023	10:04:00 AM	0.0
1/13/2023	10:19:00 AM	0.0
1/13/2023	10:34:00 AM	0.0
1/13/2023	10:49:00 AM	0.0
1/13/2023	11:04:00 AM	0.0
1/13/2023	11:19:00 AM	0.0
1/13/2023	11:34:00 AM	0.0
1/13/2023	11:49:00 AM	0.0
1/13/2023	12:04:00 PM	0.0
1/13/2023	12:19:00 PM	0.0
1/13/2023	12:34:00 PM	0.0
1/13/2023	12:49:00 PM	0.0
1/13/2023	1:04:00 PM	0.0

Site: 315 Grand Concourse
Date: 1/16/2023

Summary: No VOC detections
Location: Upwind
Unit Name: MiniRAW (3000) (PGM-7320)
Serial Number: 592-601298
Running Mode: Hygiene Mode
Datalog Mode: Manual
Diagnostic Mode: No
Stop Reson: Pause in Menu Mode

	Date	Time
Begin:	1/16/2023	9:04
End:	1/16/2023	14:34

Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 250.0
TWA Alarm 100.0
Measurement Gas: Isobutylene
Calibration Time 1/16/23 8:49am

Peak: 0.0 ppm
Min: 0.0 ppm
Average: 0.0 ppm

Datalog:

Date	Time	PID (ppm)
1/16/2023	9:19:00 AM	0.0
1/16/2023	9:34:00 AM	0.0
1/16/2023	9:49:00 AM	0.0
1/16/2023	10:04:00 AM	0.0
1/16/2023	10:19:00 AM	0.0
1/16/2023	10:34:00 AM	0.0
1/16/2023	10:49:00 AM	0.0
1/16/2023	11:04:00 AM	0.0
1/16/2023	11:19:00 AM	0.0
1/16/2023	11:34:00 AM	0.0
1/16/2023	11:49:00 AM	0.0
1/16/2023	12:04:00 PM	0.0
1/16/2023	12:19:00 PM	0.0
1/16/2023	12:34:00 PM	0.0
1/16/2023	12:49:00 PM	0.0
1/16/2023	1:04:00 PM	0.0
1/16/2023	1:19:00 PM	0.0
1/16/2023	1:34:00 PM	0.0
1/16/2023	1:49:00 PM	0.0
1/16/2023	2:04:00 PM	0.0
1/16/2023	2:19:00 PM	0.0
1/16/2023	2:34:00 PM	0.0

Site: 315 Grand Concourse
Date: 1/16/2023

Summary: No VOC detections
Location: Downwind
Unit Name: MiniRAW (3000) (PGM-7320)
Serial Number: 592-923366
Running Mode: Hygiene Mode
Datalog Mode: Manual
Diagnostic Mode: No
Stop Reson: Pause in Menu Mode

	Date	Time
Begin:	1/16/2023	9:01
End:	1/16/2023	14:31

Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 250.0
TWA Alarm 100.0
Measurement Gas: Isobutylene
Calibration Time 1/16/23 8:47am

Peak: 0.0 ppm
Min: 0.0 ppm
Average: 0.0 ppm

Datalog:

Date	Time	PID (ppm)
1/16/2023	9:16:00 AM	0.0
1/16/2023	9:31:00 AM	0.0
1/16/2023	9:46:00 AM	0.0
1/16/2023	10:01:00 AM	0.0
1/16/2023	10:16:00 AM	0.0
1/16/2023	10:31:00 AM	0.0
1/16/2023	10:46:00 AM	0.0
1/16/2023	11:01:00 AM	0.0
1/16/2023	11:16:00 AM	0.0
1/16/2023	11:31:00 AM	0.0
1/16/2023	11:46:00 AM	0.0
1/16/2023	12:01:00 PM	0.0
1/16/2023	12:16:00 PM	0.0
1/16/2023	12:31:00 PM	0.0
1/16/2023	12:46:00 PM	0.0
1/16/2023	1:01:00 PM	0.0
1/16/2023	1:16:00 PM	0.0
1/16/2023	1:31:00 PM	0.0
1/16/2023	1:46:00 PM	0.0
1/16/2023	2:01:00 PM	0.0
1/16/2023	2:16:00 PM	0.0
1/16/2023	2:31:00 PM	0.0

Site: 315 Grand Concourse
Date: 1/17/2023

Summary: No VOC detections
Location: Upwind
Unit Name: MiniRAW (3000) (PGM-7320)
Serial Number: 592-601298
Running Mode: Hygiene Mode
Datalog Mode: Manual
Diagnostic Mode: No
Stop Reson: Pause in Menu Mode

	Date	Time
Begin:	1/17/2023	8:01
End:	1/17/2023	14:01

Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 250.0
TWA Alarm 100.0
Measurement Gas: Isobutylene
Calibration Time 1/17/23 7:49am

Peak: 0.0 ppm
Min: 0.0 ppm
Average: 0.0 ppm

Datalog:

Date	Time	PID (ppm)
1/17/2023	8:16:00 AM	0.0
1/17/2023	8:31:00 AM	0.0
1/17/2023	8:46:00 AM	0.0
1/17/2023	9:01:00 AM	0.0
1/17/2023	9:16:00 AM	0.0
1/17/2023	9:31:00 AM	0.0
1/17/2023	9:46:00 AM	0.0
1/17/2023	10:01:00 AM	0.0
1/17/2023	10:16:00 AM	0.0
1/17/2023	10:31:00 AM	0.0
1/17/2023	10:46:00 AM	0.0
1/17/2023	11:01:00 AM	0.0
1/17/2023	11:16:00 AM	0.0
1/17/2023	11:31:00 AM	0.0
1/17/2023	11:46:00 AM	0.0
1/17/2023	12:01:00 PM	0.0
1/17/2023	12:16:00 PM	0.0
1/17/2023	12:31:00 PM	0.0
1/17/2023	12:46:00 PM	0.0
1/17/2023	1:01:00 PM	0.0
1/17/2023	1:16:00 PM	0.0
1/17/2023	1:31:00 PM	0.0
1/17/2023	1:46:00 PM	0.0
1/17/2023	2:01:00 PM	0.0

Site: 315 Grand Concourse
Date: 1/17/2023

Summary: No VOC detections
Location: Downwind
Unit Name: MiniRAW (3000) (PGM-7320)
Serial Number: 592-923366
Running Mode: Hygiene Mode
Datalog Mode: Manual
Diagnostic Mode: No
Stop Reson: Pause in Menu Mode

	Date	Time
Begin:	1/17/2023	8:06
End:	1/17/2023	14:06

Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 250.0
TWA Alarm 100.0
Measurement Gas: Isobutylene
Calibration Time 1/17/23 7:51am

Peak: 0.0 ppm
Min: 0.0 ppm
Average: 0.0 ppm

Datalog:

Date	Time	PID (ppm)
1/17/2023	8:21:00 AM	0.0
1/17/2023	8:36:00 AM	0.0
1/17/2023	8:51:00 AM	0.0
1/17/2023	9:06:00 AM	0.0
1/17/2023	9:21:00 AM	0.0
1/17/2023	9:36:00 AM	0.0
1/17/2023	9:51:00 AM	0.0
1/17/2023	10:06:00 AM	0.0
1/17/2023	10:21:00 AM	0.0
1/17/2023	10:36:00 AM	0.0
1/17/2023	10:51:00 AM	0.0
1/17/2023	11:06:00 AM	0.0
1/17/2023	11:21:00 AM	0.0
1/17/2023	11:36:00 AM	0.0
1/17/2023	11:51:00 AM	0.0
1/17/2023	12:06:00 PM	0.0
1/17/2023	12:21:00 PM	0.0
1/17/2023	12:36:00 PM	0.0
1/17/2023	12:51:00 PM	0.0
1/17/2023	1:06:00 PM	0.0
1/17/2023	1:21:00 PM	0.0
1/17/2023	1:36:00 PM	0.0
1/17/2023	1:51:00 PM	0.0
1/17/2023	2:06:00 PM	0.0

Site: 315 Grand Concourse

Model Number: DustTrak II
Serial Number: 8530100933
Date: 1/5/2023
Start Time: 9:00
End Time: 14:30
Location: Upwind
Log Period 00:15:00
CalFactor 1
Unit 0
Unit Name ug/m3
TempUnits C
RH Correct Enabled

Datalog:

Date & Time	ug/m3
9:15	15
9:30	18
9:45	20
10:00	17
10:15	14
10:30	16
10:45	12
11:00	9
11:15	8
11:30	6
11:45	7
12:00	11
12:15	8
12:30	14
12:45	19
13:00	17
13:15	18
13:30	12
13:45	15
14:00	15
14:15	13
14:30	16

Site: 315 Grand Concourse

Model Number: DustTrak II
Serial Number: 8530141307
Date: 1/5/2023
Start Time: 9:05
End Time: 14:35
Location: Downwind
Log Period 00:15:00
CalFactor 1
Unit 0
Unit Name ug/m3
TempUnits C
RH Correct Enabled

Datalog:

Date & Time	ug/m3
9:20	14
9:35	12
9:50	9
10:05	7
10:20	15
10:35	17
10:50	19
11:05	14
11:20	16
11:35	11
11:50	14
12:05	12
12:20	8
12:35	5
12:50	9
13:05	15
13:20	21
13:35	19
13:50	17
14:05	14
14:20	15
14:35	12

Site: 315 Grand Concourse

Model Number: DustTrak II
Serial Number: 8530100933
Date: 1/6/2023
Start Time: --
End Time: --
Location: Upwind
Log Period 00:15:00
CalFactor 1
Unit 0
Unit Name ug/m3
TempUnits C
RH Correct Enabled

Datalog: Date & Time ug/m3
No CAMP due to precipation onsite

Site:	315 Grand Concourse
Model Number:	DustTrak II
Serial Number:	8530141307
Date:	1/6/2023
Start Time:	--
End Time:	--
Location:	Downwind
Log Period	00:15:00
CalFactor	1
Unit	0
Unit Name	ug/m3
TempUnits	C
RH Correct	Enabled

Datalog: Date & Time ug/m3

No CAMP due to precipation onsite

Site: 315 Grand Concourse

Model Number: DustTrak II
Serial Number: 8530100933
Date: 1/9/2023
Start Time: 8:31
End Time: 14:31
Location: Upwind
Log Period 00:15:00
CalFactor 1
Unit 0
Unit Name ug/m3
TempUnits C
RH Correct Enabled

Datalog:

Date & Time	ug/m3
8:46	11
9:01	14
9:16	16
9:31	15
9:46	12
10:01	9
10:16	8
10:31	8
10:46	10
11:01	11
11:16	12
11:31	7
11:46	6
12:01	9
12:16	14
12:31	17
12:46	13
13:01	11
13:16	9
13:31	15
13:46	14
14:01	17
14:16	15
14:31	12

Site: 315 Grand Concourse

Model Number: DustTrak II
Serial Number: 8530141307
Date: 1/9/2023
Start Time: 8:29
End Time: 14:29
Location: Downwind
Log Period 00:15:00
CalFactor 1
Unit 0
Unit Name ug/m3
TempUnits C
RH Correct Enabled

Datalog:

Date & Time	ug/m3
8:44	12
8:59	16
9:14	15
9:29	12
9:44	11
9:59	9
10:14	8
10:29	10
10:44	12
10:59	15
11:14	18
11:29	16
11:44	14
11:59	17
12:14	13
12:29	12
12:44	9
12:59	12
13:14	11
13:29	15
13:44	15
13:59	14
14:14	12
14:29	9

Site: 315 Grand Concourse

Model Number: DustTrak II
Serial Number: 8530100933
Date: 1/10/2023
Start Time: 8:34
End Time: 14:34
Location: Upwind
Log Period 00:15:00
CalFactor 1
Unit 0
Unit Name ug/m3
TempUnits C
RH Correct Enabled

Datalog:

Date & Time	ug/m3
8:49	9
9:04	12
9:19	16
9:34	13
9:49	12
10:04	11
10:19	17
10:34	19
10:49	14
11:04	16
11:19	18
11:34	22
11:49	23
12:04	20
12:19	18
12:34	14
12:49	17
13:04	16
13:19	12
13:34	13
13:49	12
14:04	9
14:19	11
14:34	15

Site: 315 Grand Concourse

Model Number: DustTrak II
Serial Number: 8530141307
Date: 1/10/2023
Start Time: 8:33
End Time: 14:33
Location: Downwind
Log Period 00:15:00
CalFactor 1
Unit 0
Unit Name ug/m3
TempUnits C
RH Correct Enabled

Datalog:

Date & Time	ug/m3
8:48	13
9:03	15
9:18	14
9:33	9
9:48	6
10:03	7
10:18	12
10:33	15
10:48	18
11:03	22
11:18	25
11:33	23
11:48	26
12:03	24
12:18	21
12:33	18
12:48	14
13:03	21
13:18	25
13:33	22
13:48	19
14:03	15
14:18	16
14:33	12

Site: 315 Grand Concourse

Model Number: DustTrak II
Serial Number: 8530100933
Date: 1/11/2023
Start Time: 8:55
End Time: 14:40
Location: Upwind
Log Period 00:15:00
CalFactor 1
Unit 0
Unit Name ug/m3
TempUnits C
RH Correct Enabled

Datalog:

Date & Time	ug/m3
9:10	10
9:25	15
9:40	16
9:55	14
10:10	12
10:25	12
10:40	13
10:55	12
11:10	11
11:25	8
11:40	9
11:55	11
12:10	10
12:25	11
12:40	12
12:55	13
13:10	14
13:25	11
13:40	12
13:55	16
14:10	15
14:25	12
14:40	18

Site:	315 Grand Concourse
Model Number:	DustTrak II
Serial Number:	8530141307
Date:	1/11/2023
Start Time:	8:52
End Time:	14:37
Location:	Downwind
Log Period	00:15:00
CalFactor	1
Unit	0
Unit Name	ug/m3
TempUnits	C
RH Correct	Enabled

Datalog:

Date & Time	ug/m3
9:07	12
9:22	16
9:37	17
9:52	19
10:07	22
10:22	24
10:37	21
10:52	18
11:07	16
11:22	12
11:37	15
11:52	19
12:07	22
12:22	20
12:37	14
12:52	17
13:07	12
13:22	11
13:37	15
13:52	18
14:07	16
14:22	13
14:37	15

Site:	315 Grand Concourse
Model Number:	DustTrak II
Serial Number:	8530100933
Date:	1/12/2023
Start Time:	--
End Time:	--
Location:	Upwind
Log Period	00:15:00
CalFactor	1
Unit	0
Unit Name	ug/m3
TempUnits	C
RH Correct	Enabled

Datalog: Date & Time ug/m3

No CAMP due to precipation onsite

Site: 315 Grand Concourse

Model Number: DustTrak II
Serial Number: 8530141307
Date: 1/12/2023
Start Time: --
End Time: --
Location: Downwind
Log Period 00:15:00
CalFactor 1
Unit 0
Unit Name ug/m3
TempUnits C
RH Correct Enabled

Datalog: Date & Time ug/m3
No CAMP due to precipation onsite

Site: 315 Grand Concourse

Model Number: DustTrak II
Serial Number: 8530100933
Date: 1/13/2023
Start Time: 9:06
End Time: 14:21
Location: Upwind
Log Period 00:15:00
CalFactor 1
Unit 0
Unit Name ug/m3
TempUnits C
RH Correct Enabled

Datalog:

Date & Time	ug/m3
9:21	8
9:36	12
9:51	15
10:06	19
10:21	18
10:36	20
10:51	14
11:06	16
11:21	17
11:36	13
11:51	12
12:06	8
12:21	9
12:36	13
12:51	15
13:06	19
13:21	23
13:36	27
13:51	31
14:06	35
14:21	39

Site: 315 Grand Concourse

Model Number: DustTrak II
Serial Number: 8530141307
Date: 1/13/2023
Start Time: 9:05
End Time: 14:35
Location: Downwind
Log Period 00:15:00
CalFactor 1
Unit 0
Unit Name ug/m3
TempUnits C
RH Correct Enabled

Datalog:

Date & Time	ug/m3
9:20	11
9:35	14
9:50	19
10:05	18
10:20	16
10:35	20
10:50	14
11:05	19
11:20	21
11:35	20
11:50	16
12:05	15
12:20	12
12:35	10
12:50	13
13:05	14
13:20	18
13:35	20
13:50	23
14:05	25
14:20	28
14:35	30

Site: 315 Grand Concourse

Model Number: DustTrak II
Serial Number: 8530100933
Date: 1/16/2023
Start Time: 9:03
End Time: 14:33
Location: Upwind
Log Period 00:15:00
CalFactor 1
Unit 0
Unit Name ug/m3
TempUnits C
RH Correct Enabled

Datalog:

Date & Time	ug/m3
9:18	12
9:33	15
9:48	14
10:03	16
10:18	19
10:33	22
10:48	20
11:03	24
11:18	18
11:33	16
11:48	14
12:03	12
12:18	15
12:33	19
12:48	16
13:03	13
13:18	12
13:33	11
13:48	15
14:03	18
14:18	21
14:33	23

Site: 315 Grand Concourse

Model Number: DustTrak II
Serial Number: 8530141307
Date: 1/16/2023
Start Time: 9:02
End Time: 14:32
Location: Downwind
Log Period 00:15:00
CalFactor 1
Unit 0
Unit Name ug/m3
TempUnits C
RH Correct Enabled

Datalog:

Date & Time	ug/m3
9:17	14
9:32	19
9:47	21
10:02	23
10:17	25
10:32	24
10:47	22
11:02	16
11:17	18
11:32	14
11:47	19
12:02	22
12:17	26
12:32	25
12:47	23
13:02	21
13:17	18
13:32	14
13:47	16
14:02	11
14:17	13
14:32	16

Site: 315 Grand Concourse

Model Number: DustTrak II
Serial Number: 8530100933
Date: 1/17/2023
Start Time: 8:04
End Time: 14:04
Location: Upwind
Log Period 00:15:00
CalFactor 1
Unit 0
Unit Name ug/m3
TempUnits C
RH Correct Enabled

Datalog:

Date & Time	ug/m3
8:19	11
8:34	14
8:49	16
9:04	12
9:19	16
9:34	13
9:49	15
10:04	11
10:19	12
10:34	9
10:49	8
11:04	11
11:19	10
11:34	15
11:49	18
12:04	19
12:19	20
12:34	14
12:49	16
13:04	17
13:19	15
13:34	19
13:49	12
14:04	16

Site: 315 Grand Concourse

Model Number: DustTrak II
Serial Number: 8530141307
Date: 1/17/2023
Start Time: 8:05
End Time: 14:05
Location: Downwind
Log Period 00:15:00
CalFactor 1
Unit 0
Unit Name ug/m3
TempUnits C
RH Correct Enabled

Datalog:

Date & Time	ug/m3
8:20	13
8:35	15
8:50	16
9:05	12
9:20	14
9:35	19
9:50	18
10:05	21
10:20	22
10:35	20
10:50	22
11:05	18
11:20	16
11:35	13
11:50	15
12:05	12
12:20	19
12:35	17
12:50	15
13:05	16
13:20	18
13:35	21
13:50	16
14:05	11

APPENDIX G

LABORATORY ANALYTICAL REPORTS & DATA USABILITY SUMMARY REPORT FOR SOIL SAMPLES

Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 01/18/2023
Client Project ID: 315 Grand Concourse Bronx, NY
York Project (SDG) No.: 23A0210

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: 01/18/2023
Client Project ID: 315 Grand Concourse Bronx, NY
York Project (SDG) No.: 23A0210

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

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 January 05, 2023 and listed below. The project was identified as your project: **315 Grand Concourse Bronx, 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
23A0210-01	23SB-3 (0-2)	Soil	01/05/2023	01/05/2023
23A0210-02	23SB-3 (2-3)	Soil	01/05/2023	01/05/2023
23A0210-03	23SB-4 (0-2)	Soil	01/05/2023	01/05/2023
23A0210-04	23SB-4 (2-4)	Soil	01/05/2023	01/05/2023
23A0210-05	23SB-4 (4-5)	Soil	01/05/2023	01/05/2023
23A0210-06	23-Dup-1(0-2)	Soil	01/05/2023	01/05/2023
23A0210-07	23SB-5 (0-2)	Soil	01/05/2023	01/05/2023
23A0210-08	23SB-5 (2-4)	Soil	01/05/2023	01/05/2023
23A0210-09	23SB-7 (0-2)	Soil	01/05/2023	01/05/2023
23A0210-10	23SB-7 (2-4)	Soil	01/05/2023	01/05/2023
23A0210-11	23SB-7 (4-5)	Soil	01/05/2023	01/05/2023
23A0210-12	FB010523	Water	01/05/2023	01/05/2023
23A0210-13	TB	Water	01/04/2023	01/05/2023

General Notes for York Project (SDG) No.: 23A0210

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:** 01/18/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: 23SB-3 (0-2)

York Sample ID: 23A0210-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:00 pm	01/05/2023

VOA, 8260 MASTER

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	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.074	0.15	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: 23SB-3 (0-2)

York Sample ID: 23A0210-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:00 pm	01/05/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0074	0.015	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		mg/kg dry	0.0074	0.015	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: 23SB-3 (0-2) **York Sample ID:** 23A0210-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:00 pm	01/05/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**0.0074**	CCVE, J, B	mg/kg dry	0.0074	0.015	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0074	0.015	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	**Tetrachloroethylene**	**0.0038**	J	mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
108-88-3	Toluene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0037	0.0074	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.022	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:22	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.5 %*	*77-125*

Sample Information

Client Sample ID: 23SB-3 (0-2) **York Sample ID:** 23A0210-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:00 pm	01/05/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.5 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.5 %*			*76-130*						

SVOA, 8270 MASTER

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	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/10/2023 19:43	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/10/2023 19:43	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/10/2023 19:43	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH

Sample Information

Client Sample ID: 23SB-3 (0-2)

York Sample ID: 23A0210-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:00 pm	01/05/2023

SVOA, 8270 MASTER

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
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
208-96-8	**Acenaphthylene**	**0.0742**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
62-53-3	Aniline	ND		mg/kg dry	0.182	0.364	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
120-12-7	**Anthracene**	**0.115**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.364	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,PADEP	01/10/2023 19:43	KH
56-55-3	**Benzo(a)anthracene**	**0.340**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
50-32-8	**Benzo(a)pyrene**	**0.319**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH
205-99-2	**Benzo(b)fluoranthene**	**0.247**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 19:43	KH

Sample Information

Client Sample ID: 23SB-3 (0-2) **York Sample ID:** 23A0210-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:00 pm	01/05/2023

SVOA, 8270 MASTER

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
191-24-2	**Benzo(g,h,i)perylene**	**0.169**		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.292**		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0625**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.306**		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0625**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.599**		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/10/2023 19:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 23SB-3 (0-2) **York Sample ID:** 23A0210-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:00 pm	01/05/2023

SVOA, 8270 MASTER

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
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 19:43	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.140**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 19:43	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 19:43	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 19:43	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 19:43	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 19:43	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 19:43	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 19:43	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 19:43	KH
85-01-8	**Phenanthrene**	**0.262**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 19:43	KH
108-95-2	Phenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 19:43	KH
129-00-0	**Pyrene**	**0.505**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 19:43	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*68.5 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*72.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*77.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*95.0 %*	*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	01/09/2023 08:46	01/10/2023 11:08	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*58.1 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Information

Client Sample ID: 23SB-3 (0-2)

York Sample ID: 23A0210-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:00 pm	01/05/2023

Sample Prepared by Method: EPA 1633 Prep

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	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.236**		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**3.53**		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
375-95-1	*** Perfluorononanoic acid (PFNA)**	**1.16**		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
335-76-2	*** Perfluorodecanoic acid (PFDA)**	**1.42**		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
2058-94-8	*** Perfluoroundecanoic acid (PFUnA)**	**0.934**		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.437	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.875	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.875	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.875	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.437	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.437	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ

Sample Information

Client Sample ID: 23SB-3 (0-2) **York Sample ID:** 23A0210-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:00 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.437	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.437	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.875	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.875	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.875	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.875	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.875	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.09	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.47	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.47	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.19	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.19	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 17:54	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*105 %*	*25-150*
Surrogate: M5PFHxA	*101 %*	*25-150*
Surrogate: M4PFHpA	*93.9 %*	*25-150*
Surrogate: M3PFHxS	*116 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*99.5 %*	*25-150*
Surrogate: M6PFDA	*104 %*	*25-150*
Surrogate: M7PFUdA	*90.2 %*	*25-150*

Sample Information

Client Sample ID: 23SB-3 (0-2) **York Sample ID:** 23A0210-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:00 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*80.2 %*		*25-150*						
	Surrogate: M2PFTeDA	*51.6 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*107 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*114 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*106 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*5.80 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*84.6 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*93.8 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*89.4 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*98.7 %*		*25-200*						
	Surrogate: M9PFNA	*127 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*74.1 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*5.79 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*50.7 %*		*25-150*						
	Surrogate: M3HFPO-DA	*93.6 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*5.96 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*6.48 %*		*25-150*						

PEST, 8081 MASTER

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:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:05	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:05	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:05	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:05	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:05	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/07/2023 09:07 NELAC-NY10854,NJDEP	01/12/2023 22:05	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:05	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:05	BJ

Sample Information

Client Sample ID: 23SB-3 (0-2)

York Sample ID: 23A0210-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:00 pm	01/05/2023

PEST, 8081 MASTER

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
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:05	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:05	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854	01/12/2023 22:05	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:05	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:05	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:05	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:05	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:05	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/07/2023 09:07 NELAC-NY10854,NJDEP	01/12/2023 22:05	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:05	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:05	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:05	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:05	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0361	5	EPA 8081B Certifications:	01/07/2023 09:07	01/12/2023 22:05	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*49.5 %*	*30-150*

PCB, 8082 MASTER

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:	01/07/2023 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 21:52	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	01/07/2023 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 21:52	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	01/07/2023 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 21:52	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	01/07/2023 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 21:52	BJ

Sample Information

Client Sample ID: 23SB-3 (0-2) **York Sample ID:** 23A0210-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:00 pm	01/05/2023

PCB, 8082 MASTER

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
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	01/07/2023 09:07	01/11/2023 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	01/07/2023 09:07	01/11/2023 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	01/07/2023 09:07	01/11/2023 21:52	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	01/07/2023 09:07	01/11/2023 21:52	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.0 %*	*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**	**7120**		mg/kg dry	4.57	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.29	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.97**		mg/kg dry	1.37	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**54.4**		mg/kg dry	2.28	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.455**		mg/kg dry	0.046	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.475**		mg/kg dry	0.275	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**109000**		mg/kg dry	4.58	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**15.4**		mg/kg dry	0.458	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**5.61**		mg/kg dry	0.366	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**17.8**		mg/kg dry	1.83	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**10600**		mg/kg dry	22.9	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**18.0**		mg/kg dry	0.458	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**46200**		mg/kg dry	4.58	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 23SB-3 (0-2) **York Sample ID:** 23A0210-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:00 pm	01/05/2023

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**	**184**		mg/kg dry	0.458	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.7**		mg/kg dry	0.911	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2670**		mg/kg dry	4.58	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**11.0**		mg/kg dry	2.29	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.461	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**2250**		mg/kg dry	45.8	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.29	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**20.6**		mg/kg dry	0.911	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**48.1**		mg/kg dry	2.28	1	EPA 6010D	01/10/2023 14:18	01/12/2023 16:59	CW
							Certifications:	CTDOH-PH-0723,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**	**0.0436**		mg/kg dry	0.0329	1	EPA 7473	01/06/2023 10:10	01/06/2023 12:38	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.549	1	EPA 7196A	01/17/2023 14:22	01/17/2023 21:10	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**15.4**		mg/kg	0.500	1	Calculation	01/18/2023 08:57	01/18/2023 16:47	PAM
							Certifications:			

Total Solids

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

Sample Information

Client Sample ID: 23SB-3 (0-2) **York Sample ID:** 23A0210-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:00 pm	01/05/2023

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.1**		%	0.100	1	SM 2540G	01/06/2023 07:37	01/06/2023 14:41	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: 23SB-3 (2-3) **York Sample ID:** 23A0210-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:05 pm	01/05/2023

VOA, 8260 MASTER **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	0.0034	0.0067	1	EPA 8260C	01/06/2023 09:00	01/06/2023 15:49	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	01/06/2023 09:00	01/06/2023 15:49	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	01/06/2023 09:00	01/06/2023 15:49	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	01/06/2023 09:00	01/06/2023 15:49	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	01/06/2023 09:00	01/06/2023 15:49	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	01/06/2023 09:00	01/06/2023 15:49	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	01/06/2023 09:00	01/06/2023 15:49	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	01/06/2023 09:00	01/06/2023 15:49	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	01/06/2023 09:00	01/06/2023 15:49	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	01/06/2023 09:00	01/06/2023 15:49	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	01/06/2023 09:00	01/06/2023 15:49	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	01/06/2023 09:00	01/06/2023 15:49	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	01/06/2023 09:00	01/06/2023 15:49	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	01/06/2023 09:00	01/06/2023 15:49	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	01/06/2023 09:00	01/06/2023 15:49	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: 23SB-3 (2-3) **York Sample ID:** 23A0210-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:05 pm	01/05/2023

VOA, 8260 MASTER

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
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.067	0.13	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0067	0.013	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 23SB-3 (2-3) **York Sample ID:** 23A0210-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:05 pm	01/05/2023

VOA, 8260 MASTER **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	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND	CCVE	mg/kg dry	0.0067	0.013	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	**Tetrachloroethylene**	**0.011**		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
108-88-3	Toluene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 15:49	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 23SB-3 (2-3) **York Sample ID:** 23A0210-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:05 pm	01/05/2023

VOA, 8260 MASTER

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
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 15:49	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 15:49	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 15:49	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 15:49	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 15:49	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/06/2023 15:49	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*93.8 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

SVOA, 8270 MASTER

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	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/10/2023 20:14	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/10/2023 20:14	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 20:14	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/10/2023 20:14	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/10/2023 20:14	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/10/2023 20:14	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/10/2023 20:14	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/10/2023 20:14	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 20:14	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 20:14	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 20:14	KH

Sample Information

Client Sample ID: 23SB-3 (2-3) **York Sample ID:** 23A0210-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:05 pm	01/05/2023

SVOA, 8270 MASTER

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
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**0.0572**	J	mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: 23SB-3 (2-3) **York Sample ID:** 23A0210-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:05 pm	01/05/2023

SVOA, 8270 MASTER

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
62-53-3	Aniline	ND		mg/kg dry	0.186	0.372	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
120-12-7	**Anthracene**	**0.0624**	J	mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.372	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
56-55-3	**Benzo(a)anthracene**	**0.236**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
50-32-8	**Benzo(a)pyrene**	**0.241**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
205-99-2	**Benzo(b)fluoranthene**	**0.187**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.137**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
207-08-9	**Benzo(k)fluoranthene**	**0.211**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0930	0.186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
218-01-9	**Chrysene**	**0.215**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/10/2023 20:14	KH

Sample Information

Client Sample ID: 23SB-3 (2-3) **York Sample ID:** 23A0210-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:05 pm	01/05/2023

SVOA, 8270 MASTER

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
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.343**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.110**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	**Phenanthrene**	**0.107**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	**Pyrene**	**0.325**		mg/kg dry	0.0466	0.0930	2	EPA 8270D Certifications:	01/10/2023 08:08	01/10/2023 20:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*72.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*74.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.2 %*	*21-113*

Sample Information

Client Sample ID: 23SB-3 (2-3) **York Sample ID:** 23A0210-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:05 pm	01/05/2023

SVOA, 8270 MASTER

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
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*100 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*97.6 %*			*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	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/09/2023 08:46	01/10/2023 11:26	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*55.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

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	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**0.493**		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ

Sample Information

Client Sample ID: 23SB-3 (2-3) **York Sample ID:** 23A0210-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:05 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.443	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.887	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.887	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.887	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.443	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.443	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.443	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.443	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.887	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.887	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.887	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.887	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.887	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.11	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.54	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ

Sample Information

Client Sample ID: 23SB-3 (2-3) **York Sample ID:** 23A0210-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:05 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.54	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.22	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.22	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:10	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*103 %*	*25-150*
Surrogate: M5PFHxA	*106 %*	*25-150*
Surrogate: M4PFHpA	*90.6 %*	*25-150*
Surrogate: M3PFHxS	*112 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*103 %*	*25-150*
Surrogate: M6PFDA	*110 %*	*25-150*
Surrogate: M7PFUdA	*92.1 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*86.0 %*	*25-150*
Surrogate: M2PFTeDA	*39.0 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*108 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*108 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*109 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*4.52 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*92.3 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*98.2 %*	*25-150*
Surrogate: M2-6:2 FTS	*93.9 %*	*25-200*
Surrogate: M2-8:2 FTS	*91.9 %*	*25-200*
Surrogate: M9PFNA	*124 %*	*25-150*
Surrogate: M2-4:2 FTS	*75.8 %*	*25-150*
Surrogate: d-N-MeFOSA	*7.12 %*	*25-150*
Surrogate: d-N-EtFOSA	*47.8 %*	*25-150*
Surrogate: M3HFPO-DA	*92.9 %*	*25-150*
Surrogate: d9-N-EtFOSE	*11.2 %*	*25-150*
Surrogate: d7-N-MeFOSE	*11.9 %*	*25-150*

Sample Information

Client Sample ID: 23SB-3 (2-3)

York Sample ID: 23A0210-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:05 pm	01/05/2023

PEST, 8081 MASTER

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	0.00180	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:23	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:23	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:23	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:23	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:23	BJ
5103-71-9	**alpha-Chlordane**	**0.00277**		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/07/2023 09:07 NELAC-NY10854,NJDEP	01/12/2023 22:23	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:23	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:23	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:23	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:23	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854	01/12/2023 22:23	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:23	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:23	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:23	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:23	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:23	BJ
5566-34-7	**gamma-Chlordane**	**0.00312**		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/07/2023 09:07 NELAC-NY10854,NJDEP	01/12/2023 22:23	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:23	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:23	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:23	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:23	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0361	5	EPA 8081B Certifications:	01/07/2023 09:07	01/12/2023 22:23	BJ

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: 23SB-3 (2-3) **York Sample ID:** 23A0210-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:05 pm	01/05/2023

PEST, 8081 MASTER

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
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.3 %*			*30-150*					
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*34.8 %*			*30-150*					

PCB, 8082 MASTER

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:	01/07/2023 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 22:06	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	01/07/2023 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 22:06	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	01/07/2023 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 22:06	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	01/07/2023 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 22:06	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	01/07/2023 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 22:06	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	01/07/2023 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 22:06	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	01/07/2023 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 22:06	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	01/07/2023 09:07	01/11/2023 22:06	BJ

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.0 %*	*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**	**10100**		mg/kg dry	4.67	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:01	CW
7440-36-0	Antimony	ND		mg/kg dry	2.34	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:01	CW
7440-38-2	**Arsenic**	**11.6**		mg/kg dry	1.40	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:01	CW
7440-39-3	**Barium**	**92.2**		mg/kg dry	2.33	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:01	CW
7440-41-7	**Beryllium**	**0.688**		mg/kg dry	0.047	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:01	CW
7440-43-9	**Cadmium**	**0.508**		mg/kg dry	0.281	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:01	CW

Sample Information

Client Sample ID: 23SB-3 (2-3) **York Sample ID:** 23A0210-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:05 pm	01/05/2023

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
7440-70-2	**Calcium**	**61100**		mg/kg dry	4.68	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**44.5**		mg/kg dry	0.468	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.1**		mg/kg dry	0.374	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**30.7**		mg/kg dry	1.87	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**16800**		mg/kg dry	23.4	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**60.1**		mg/kg dry	0.468	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**27000**		mg/kg dry	4.68	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**327**		mg/kg dry	0.468	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**64.3**		mg/kg dry	0.931	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2010**		mg/kg dry	4.68	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.34	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.471	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**1250**		mg/kg dry	46.8	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.34	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**42.1**		mg/kg dry	0.931	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**71.1**		mg/kg dry	2.33	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:01	CW
							Certifications:	CTDOH-PH-0723,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**	**0.0441**		mg/kg dry	0.0337	1	EPA 7473	01/06/2023 10:10	01/06/2023 12:46	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: 23SB-3 (2-3) **York Sample ID:** 23A0210-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 2:05 pm	01/05/2023

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.561	1	EPA 7196A	01/17/2023 14:22	01/17/2023 21:10	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent **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
16065-83-1	*** Chromium, Trivalent**	**44.5**		mg/kg	0.500	1	Calculation	01/18/2023 08:57	01/18/2023 16:47	PAM
							Certifications:			

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**	**89.1**		%	0.100	1	SM 2540G	01/06/2023 07:37	01/06/2023 14:41	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 23SB-4 (0-2) **York Sample ID:** 23A0210-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:50 pm	01/05/2023

VOA, 8260 MASTER **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	0.0021	0.0042	1	EPA 8260C	01/06/2023 09:00	01/06/2023 16:16	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/06/2023 09:00	01/06/2023 16:16	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/06/2023 09:00	01/06/2023 16:16	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/06/2023 09:00	01/06/2023 16:16	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/06/2023 09:00	01/06/2023 16:16	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/06/2023 09:00	01/06/2023 16:16	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	01/06/2023 09:00	01/06/2023 16:16	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: 23SB-4 (0-2) **York Sample ID:** 23A0210-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:50 pm	01/05/2023

VOA, 8260 MASTER

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
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.085	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	Acetone	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: 23SB-4 (0-2)

York Sample ID: 23A0210-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:50 pm	01/05/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	**Chloroform**	**0.0021**	J	mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**0.0055**	CCVE, J, B	mg/kg dry	0.0042	0.0085	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: 23SB-4 (0-2) **York Sample ID:** 23A0210-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:50 pm	01/05/2023

VOA, 8260 MASTER

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
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0085	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:16	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.8 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.5 %*	*76-130*

SVOA, 8270 MASTER

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	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50	KH NELAC-NY10854,NJDEP,PADEP
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50	KH NELAC-NY10854,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: 23SB-4 (0-2) **York Sample ID:** 23A0210-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:50 pm	01/05/2023

SVOA, 8270 MASTER

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
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH

Sample Information

Client Sample ID: 23SB-4 (0-2) **York Sample ID:** 23A0210-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:50 pm	01/05/2023

SVOA, 8270 MASTER

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
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.0478**	J	mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: 23SB-4 (0-2) **York Sample ID:** 23A0210-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:50 pm	01/05/2023

SVOA, 8270 MASTER

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
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.422**		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	**Di-n-octyl phthalate**	**0.0871**	J	mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.0464**	J	mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 09:50 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: 23SB-4 (0-2) **York Sample ID:** 23A0210-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:50 pm	01/05/2023

SVOA, 8270 MASTER

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
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
108-95-2	Phenol	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0447	0.0893	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 09:50	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*80.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*80.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*95.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*87.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*106 %*	*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	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/09/2023 08:46	01/10/2023 11:43	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*59.4 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

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	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**0.298**		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**0.300**		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.966**		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ

Sample Information

Client Sample ID: 23SB-4 (0-2)

York Sample ID: 23A0210-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:50 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**4.41**		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
375-95-1	* **Perfluorononanoic acid (PFNA)**	**0.649**		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
335-76-2	* **Perfluorodecanoic acid (PFDA)**	**0.465**		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.430	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.860	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.860	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.860	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.430	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.430	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.430	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.430	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.860	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ

Sample Information

Client Sample ID: 23SB-4 (0-2) **York Sample ID:** 23A0210-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:50 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.860	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.860	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.860	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.860	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.08	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.38	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.38	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.15	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.15	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.215	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:26	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*98.9 %*	*25-150*
Surrogate: M5PFHxA	*109 %*	*25-150*
Surrogate: M4PFHpA	*97.0 %*	*25-150*
Surrogate: M3PFHxS	*102 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*95.5 %*	*25-150*
Surrogate: M6PFDA	*93.5 %*	*25-150*
Surrogate: M7PFUdA	*82.2 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*67.1 %*	*25-150*
Surrogate: M2PFTeDA	*63.0 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*106 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*84.1 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*111 %*	*25-150*

Sample Information

Client Sample ID: 23SB-4 (0-2) **York Sample ID:** 23A0210-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:50 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

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)	*32.6 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*77.1 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*76.4 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*81.6 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*79.5 %*		*25-200*						
	Surrogate: M9PFNA	*93.9 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*80.9 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*34.5 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*81.3 %*		*25-150*						
	Surrogate: M3HFPO-DA	*98.7 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*32.0 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*37.9 %*		*25-150*						

PEST, 8081 MASTER

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:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:41	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:41	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:41	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:41	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:41	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	01/07/2023 09:07 NELAC-NY10854,NJDEP	01/12/2023 22:41	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:41	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:41	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:41	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:41	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854	01/12/2023 22:41	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:41	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:41	BJ

Sample Information

Client Sample ID: 23SB-4 (0-2) **York Sample ID:** 23A0210-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:50 pm	01/05/2023

PEST, 8081 MASTER

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
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:41	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:41	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:41	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	01/07/2023 09:07 NELAC-NY10854,NJDEP	01/12/2023 22:41	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:41	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:41	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:41	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.177	5	EPA 8081B Certifications:	01/07/2023 09:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 22:41	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0353	5	EPA 8081B Certifications:	01/07/2023 09:07	01/12/2023 22:41	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.4 %*	*30-150*

PCB, 8082 MASTER

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	0.0178	1	EPA 8082A Certifications:	01/07/2023 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 22:20	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	01/07/2023 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 22:20	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	01/07/2023 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 22:20	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	01/07/2023 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 22:20	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	01/07/2023 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 22:20	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	01/07/2023 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 22:20	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	01/07/2023 09:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 22:20	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	01/07/2023 09:07	01/11/2023 22:20	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.0 %*	*30-120*

Sample Information

Client Sample ID: 23SB-4 (0-2) **York Sample ID:** 23A0210-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:50 pm	01/05/2023

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**	**10300**		mg/kg dry	4.49	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.24	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.35	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**105**		mg/kg dry	2.24	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.658**		mg/kg dry	0.045	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.622**		mg/kg dry	0.269	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**71700**		mg/kg dry	4.49	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**24.2**		mg/kg dry	0.449	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**11.0**		mg/kg dry	0.359	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**42.5**		mg/kg dry	1.80	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**18500**		mg/kg dry	22.4	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**42.2**		mg/kg dry	0.449	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**39400**		mg/kg dry	4.49	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**285**		mg/kg dry	0.449	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**21.9**		mg/kg dry	0.894	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**4320**		mg/kg dry	4.49	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.24	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.453	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**1090**		mg/kg dry	44.9	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.24	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**32.2**		mg/kg dry	0.894	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 23SB-4 (0-2) **York Sample ID:** 23A0210-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:50 pm	01/05/2023

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**74.0**		mg/kg dry	2.24	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:03	CW
							Certifications:	CTDOH-PH-0723,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**	**0.0700**		mg/kg dry	0.0323	1	EPA 7473	01/06/2023 10:10	01/06/2023 12:55	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.539	1	EPA 7196A	01/17/2023 14:22	01/17/2023 21:10	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**24.2**		mg/kg	0.500	1	Calculation	01/18/2023 08:57	01/18/2023 16:47	PAM
							Certifications:			

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**	**92.8**		%	0.100	1	SM 2540G	01/06/2023 07:37	01/06/2023 14:41	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 23SB-4 (2-4) **York Sample ID:** 23A0210-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:55 pm	01/05/2023

VOA, 8260 MASTER

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

Sample Information

Client Sample ID: 23SB-4 (2-4) **York Sample ID:** 23A0210-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:55 pm	01/05/2023

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:	01/06/2023 09:00	01/06/2023 16:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	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:	01/06/2023 09:00	01/06/2023 16:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	**Acetone**	**0.025**		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR

Sample Information

Client Sample ID: 23SB-4 (2-4) **York Sample ID:** 23A0210-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:55 pm	01/05/2023

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: 23SB-4 (2-4) **York Sample ID:** 23A0210-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:55 pm	01/05/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**0.0084**	J, B	mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0051	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 16:43	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*137 %*	S-03	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*90.6 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*88.1 %*		*76-130*

Sample Information

Client Sample ID: 23SB-4 (2-4) **York Sample ID:** 23A0210-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:55 pm	01/05/2023

SVOA, 8270 MASTER

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	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:22	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:22	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:22	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/11/2023 10:22	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:22	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/11/2023 10:22	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/11/2023 10:22	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:22	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:22	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:22	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:22	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:22	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:22	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:22	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:22	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:22	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:22	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:22	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:22	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:22	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:22	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:22	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:22	KH

Sample Information

Client Sample ID: 23SB-4 (2-4) **York Sample ID:** 23A0210-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:55 pm	01/05/2023

SVOA, 8270 MASTER

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	0.0931	0.186	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.186	0.373	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.373	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:22 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: 23SB-4 (2-4) **York Sample ID:** 23A0210-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:55 pm	01/05/2023

SVOA, 8270 MASTER

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**	**0.0581**	J	mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0931**		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:22	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 23SB-4 (2-4) **York Sample ID:** 23A0210-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:55 pm	01/05/2023

SVOA, 8270 MASTER

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	0.0467	0.0931	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 10:22	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 10:22	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 10:22	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 10:22	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 10:22	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 10:22	KH
108-95-2	Phenol	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 10:22	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0467	0.0931	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 10:22	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*54.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.2 %*	*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	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/09/2023 08:46	01/10/2023 12:00	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*60.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

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	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ

Sample Information

Client Sample ID: 23SB-4 (2-4) **York Sample ID:** 23A0210-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:55 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

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)**	**0.282**		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**0.835**		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**2.46**		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
375-95-1	* **Perfluorononanoic acid (PFNA)**	**0.277**		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.443	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.887	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.887	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.887	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.443	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.443	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.443	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.443	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ

Sample Information

Client Sample ID: 23SB-4 (2-4)

York Sample ID: 23A0210-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:55 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.887	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.887	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.887	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.887	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.887	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.11	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.54	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.54	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.22	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.22	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.222	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:42	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*102 %*	*25-150*
Surrogate: M5PFHxA	*104 %*	*25-150*
Surrogate: M4PFHpA	*98.1 %*	*25-150*
Surrogate: M3PFHxS	*111 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*95.9 %*	*25-150*
Surrogate: M6PFDA	*94.2 %*	*25-150*
Surrogate: M7PFUdA	*84.0 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*71.8 %*	*25-150*
Surrogate: M2PFTeDA	*33.8 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*104 %*	*25-150*

Sample Information

Client Sample ID: 23SB-4 (2-4) **York Sample ID:** 23A0210-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:55 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*110 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*107 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.58 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*75.7 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*71.6 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*92.4 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*87.2 %*		*25-200*						
	Surrogate: M9PFNA	*135 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*80.8 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*13.3 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*47.5 %*		*25-150*						
	Surrogate: M3HFPO-DA	*92.1 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*8.98 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*11.8 %*		*25-150*						

PEST, 8081 MASTER

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:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:01	BJ-
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:01	BJ-
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:01	BJ-
309-00-2	Aldrin	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:01	BJ-
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:01	BJ-
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	01/06/2023 08:51 NELAC-NY10854,NJDEP	01/09/2023 20:01	BJ-
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:01	BJ-
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:01	BJ-
60-57-1	Dieldrin	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:01	BJ-
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:01	BJ-
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854	01/09/2023 20:01	BJ-

Sample Information

Client Sample ID: 23SB-4 (2-4) **York Sample ID:** 23A0210-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:55 pm	01/05/2023

PEST, 8081 MASTER

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	0.00185	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:01	BJ-
72-20-8	Endrin	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:01	BJ-
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:01	BJ-
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:01	BJ-
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:01	BJ-
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	01/06/2023 08:51 NELAC-NY10854,NJDEP	01/09/2023 20:01	BJ-
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:01	BJ-
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:01	BJ-
72-43-5	Methoxychlor	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:01	BJ-
8001-35-2	Toxaphene	ND		mg/kg dry	0.185	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:01	BJ-
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0370	5	EPA 8081B Certifications:	01/06/2023 08:51	01/09/2023 20:01	BJ-

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.4 %*	*30-150*

PCB, 8082 MASTER

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:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 01:26	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 01:26	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 01:26	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 01:26	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 01:26	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 01:26	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 01:26	BJ

Sample Information

Client Sample ID: 23SB-4 (2-4) **York Sample ID:** 23A0210-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:55 pm	01/05/2023

PCB, 8082 MASTER

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	01/06/2023 08:51	01/10/2023 01:26	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.0 %*	*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**	**10900**		mg/kg dry	4.68	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:06	CW
7440-36-0	Antimony	ND		mg/kg dry	2.34	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:06	CW
7440-38-2	Arsenic	ND		mg/kg dry	1.41	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:06	CW
7440-39-3	**Barium**	**94.9**		mg/kg dry	2.34	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:06	CW
7440-41-7	**Beryllium**	**0.869**		mg/kg dry	0.047	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:06	CW
7440-43-9	**Cadmium**	**0.324**		mg/kg dry	0.281	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:06	CW
7440-70-2	**Calcium**	**37100**		mg/kg dry	4.68	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:06	CW
7440-47-3	**Chromium**	**25.4**		mg/kg dry	0.469	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:06	CW
7440-48-4	**Cobalt**	**11.6**		mg/kg dry	0.374	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:06	CW
7440-50-8	**Copper**	**26.5**		mg/kg dry	1.87	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:06	CW
7439-89-6	**Iron**	**21100**		mg/kg dry	23.4	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:06	CW
7439-92-1	**Lead**	**27.6**		mg/kg dry	0.469	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:06	CW
7439-95-4	**Magnesium**	**11000**		mg/kg dry	4.69	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:06	CW
7439-96-5	**Manganese**	**296**		mg/kg dry	0.469	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:06	CW
7440-02-0	**Nickel**	**20.3**		mg/kg dry	0.933	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:06	CW
7440-09-7	**Potassium**	**4010**		mg/kg dry	4.69	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:06	CW

Sample Information

Client Sample ID: 23SB-4 (2-4) **York Sample ID:** 23A0210-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:55 pm	01/05/2023

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
7782-49-2	Selenium	ND		mg/kg dry	2.34	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:06	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.472	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:06	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**1170**		mg/kg dry	46.8	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:06	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.34	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:06	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**35.6**		mg/kg dry	0.933	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:06	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**74.7**		mg/kg dry	2.33	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:06	CW
							Certifications:	CTDOH-PH-0723,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**	**0.0352**		mg/kg dry	0.0337	1	EPA 7473	01/06/2023 10:10	01/06/2023 13:04	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.562	1	EPA 7196A	01/17/2023 14:22	01/17/2023 21:10	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**25.4**		mg/kg	0.500	1	Calculation	01/18/2023 08:57	01/18/2023 16:47	PAM
							Certifications:			

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**	**89.0**		%	0.100	1	SM 2540G	01/06/2023 07:37	01/06/2023 14:41	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 23SB-4 (4-5) **York Sample ID:** 23A0210-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:00 pm	01/05/2023

VOA, 8260 MASTER **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:	01/06/2023 09:00	01/06/2023 17:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	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:	01/06/2023 09:00	01/06/2023 17:10 CTDOH-PH-0723,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:	01/06/2023 09:00	01/06/2023 17:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10 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:	01/06/2023 09:00	01/06/2023 17:10 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10 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:	01/06/2023 09:00	01/06/2023 17:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: 23SB-4 (4-5) **York Sample ID:** 23A0210-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:00 pm	01/05/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:10	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 23SB-4 (4-5) **York Sample ID:** 23A0210-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:00 pm	01/05/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/06/2023 17:10	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:10	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/06/2023 17:10	FTR
75-09-2	**Methylene chloride**	**0.0058**	CCVE, J, B	mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/06/2023 17:10	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:10	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:10	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/06/2023 17:10	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/06/2023 17:10	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:10	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:10	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:10	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/06/2023 17:10	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:10	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:10	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:10	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:10	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:10	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:10	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:10	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:10	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/06/2023 17:10	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*89.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*

Sample Information

Client Sample ID: 23SB-4 (4-5) **York Sample ID:** 23A0210-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:00 pm	01/05/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.8 %*			*76-130*						

SVOA, 8270 MASTER

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	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:54	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:54	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:54	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/11/2023 10:54	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:54	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/11/2023 10:54	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/11/2023 10:54	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:54	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:54	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:54	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:54	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:54	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:54	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:54	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:54	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:54	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:54	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:54	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 10:54	KH

Sample Information

Client Sample ID: 23SB-4 (4-5) **York Sample ID:** 23A0210-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:00 pm	01/05/2023

SVOA, 8270 MASTER

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
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.182	0.364	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.364	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.0640**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.0895**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.0735**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 10:54 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: 23SB-4 (4-5) **York Sample ID:** 23A0210-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:00 pm	01/05/2023

SVOA, 8270 MASTER

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
191-24-2	**Benzo(g,h,i)perylene**	**0.0640**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.0684**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.0604**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.127**		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	01/10/2023 08:08	01/11/2023 10:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 23SB-4 (4-5) **York Sample ID:** 23A0210-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:00 pm	01/05/2023

SVOA, 8270 MASTER

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
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 10:54	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0458**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 10:54	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 10:54	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 10:54	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 10:54	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 10:54	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 10:54	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 10:54	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 10:54	KH
85-01-8	**Phenanthrene**	**0.0676**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 10:54	KH
108-95-2	Phenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 10:54	KH
129-00-0	**Pyrene**	**0.0866**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 10:54	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*48.5 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*48.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*54.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*63.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*49.8 %*	*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	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/09/2023 08:46	01/10/2023 12:17	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*55.9 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **23SB-4 (4-5)** **York Sample ID:** **23A0210-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:00 pm	01/05/2023

Sample Prepared by Method: EPA 1633 Prep

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	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**0.353**		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**0.629**		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**2.24**		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
375-95-1	*** Perfluorononanoic acid (PFNA)**	**0.310**		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.432	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.865	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.865	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.865	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.432	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.432	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ

Sample Information

Client Sample ID: 23SB-4 (4-5) **York Sample ID:** 23A0210-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:00 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.432	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.432	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.865	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.865	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.865	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.865	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.865	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.08	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.40	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.40	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.16	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.16	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 18:58	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*92.3 %*	*25-150*
Surrogate: M5PFHxA	*108 %*	*25-150*
Surrogate: M4PFHpA	*96.5 %*	*25-150*
Surrogate: M3PFHxS	*109 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*105 %*	*25-150*
Surrogate: M6PFDA	*98.2 %*	*25-150*
Surrogate: M7PFUdA	*88.6 %*	*25-150*

Sample Information

Client Sample ID: 23SB-4 (4-5) **York Sample ID:** 23A0210-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:00 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*90.1 %*		*25-150*						
	Surrogate: M2PFTeDA	*42.8 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*106 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*125 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*108 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*5.51 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*86.6 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*89.1 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*92.8 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*81.7 %*		*25-200*						
	Surrogate: M9PFNA	*124 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*75.3 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*10.4 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*61.0 %*		*25-150*						
	Surrogate: M3HFPO-DA	*91.4 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*11.4 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*12.9 %*		*25-150*						

PEST, 8081 MASTER

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:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:18	BJ-
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:18	BJ-
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:18	BJ-
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:18	BJ-
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:18	BJ-
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/06/2023 08:51 NELAC-NY10854,NJDEP	01/09/2023 20:18	BJ-
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:18	BJ-
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:18	BJ-

Sample Information

Client Sample ID: 23SB-4 (4-5) **York Sample ID:** 23A0210-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:00 pm	01/05/2023

PEST, 8081 MASTER

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
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:18	BJ-
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:18	BJ-
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854	01/09/2023 20:18	BJ-
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:18	BJ-
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:18	BJ-
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:18	BJ-
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:18	BJ-
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:18	BJ-
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/06/2023 08:51 NELAC-NY10854,NJDEP	01/09/2023 20:18	BJ-
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:18	BJ-
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:18	BJ-
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:18	BJ-
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:18	BJ-
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0361	5	EPA 8081B Certifications:	01/06/2023 08:51	01/09/2023 20:18	BJ-

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.3 %*	*30-150*

PCB, 8082 MASTER

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:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 01:41	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 01:41	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 01:41	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 01:41	BJ

Sample Information

Client Sample ID: 23SB-4 (4-5) **York Sample ID:** 23A0210-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:00 pm	01/05/2023

PCB, 8082 MASTER

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
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	01/06/2023 08:51	01/10/2023 01:41	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	01/06/2023 08:51	01/10/2023 01:41	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	01/06/2023 08:51	01/10/2023 01:41	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	01/06/2023 08:51	01/10/2023 01:41	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*95.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*92.5 %*	*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**	**26000**		mg/kg dry	4.58	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.29	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/kg dry	1.37	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**308**		mg/kg dry	2.28	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**2.07**		mg/kg dry	0.046	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**1.08**		mg/kg dry	0.275	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**4770**		mg/kg dry	4.58	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**41.2**		mg/kg dry	0.458	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**34.1**		mg/kg dry	0.366	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**40.8**		mg/kg dry	1.83	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**46500**		mg/kg dry	22.9	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**25.7**		mg/kg dry	0.458	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**12100**		mg/kg dry	4.58	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 23SB-4 (4-5) **York Sample ID:** 23A0210-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:00 pm	01/05/2023

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**	**414**		mg/kg dry	0.458	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**41.8**		mg/kg dry	0.912	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**16100**		mg/kg dry	4.58	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.461	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**830**		mg/kg dry	45.8	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.29	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**69.7**		mg/kg dry	0.912	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**144**		mg/kg dry	2.28	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:08	CW
							Certifications:	CTDOH-PH-0723,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**	**0.0949**		mg/kg dry	0.0329	1	EPA 7473	01/06/2023 10:10	01/06/2023 13:14	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.549	1	EPA 7196A	01/17/2023 14:22	01/17/2023 21:10	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**41.2**		mg/kg	0.500	1	Calculation	01/18/2023 08:57	01/18/2023 16:47	PAM
							Certifications:			

Total Solids

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

Sample Information

Client Sample ID: 23SB-4 (4-5) **York Sample ID:** 23A0210-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:00 pm	01/05/2023

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.1**		%	0.100	1	SM 2540G	01/06/2023 07:37	01/06/2023 14:41	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: 23-Dup-1(0-2) **York Sample ID:** 23A0210-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:02 pm	01/05/2023

VOA, 8260 MASTER **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	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: 23-Dup-1(0-2) **York Sample ID:** 23A0210-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:02 pm	01/05/2023

VOA, 8260 MASTER **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
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.062	0.12	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.0094**	ICVE, J	mg/kg dry	0.0062	0.012	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	**Chloroform**	**0.0039**	J	mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C	01/06/2023 09:00	01/06/2023 17:37	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: 23-Dup-1(0-2) **York Sample ID:** 23A0210-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:02 pm	01/05/2023

VOA, 8260 MASTER

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	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-09-2	**Methylene chloride**	**0.012**	CCVE, B	mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 17:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: 23-Dup-1(0-2) **York Sample ID:** 23A0210-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:02 pm	01/05/2023

VOA, 8260 MASTER

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
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:37	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:37	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:37	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:37	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 17:37	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0093	0.019	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/06/2023 17:37	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.3 %*	*76-130*

SVOA, 8270 MASTER

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	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/11/2023 11:25	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/11/2023 11:25	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/11/2023 11:25	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH

Sample Information

Client Sample ID: 23-Dup-1(0-2) **York Sample ID:** 23A0210-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:02 pm	01/05/2023

SVOA, 8270 MASTER

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
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:25	KH

Sample Information

Client Sample ID: 23-Dup-1(0-2) **York Sample ID:** 23A0210-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:02 pm	01/05/2023

SVOA, 8270 MASTER

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
62-53-3	Aniline	ND		mg/kg dry	0.176	0.353	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
92-87-5	Benzidine	ND		mg/kg dry	0.176	0.353	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
56-55-3	**Benzo(a)anthracene**	**0.0598**	J	mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
50-32-8	**Benzo(a)pyrene**	**0.0725**	J	mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
205-99-2	**Benzo(b)fluoranthene**	**0.0683**	J	mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
207-08-9	**Benzo(k)fluoranthene**	**0.0655**	J	mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0486**	J	mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0881	0.176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
218-01-9	**Chrysene**	**0.0584**	J	mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:25	KH

Sample Information

Client Sample ID: 23-Dup-1(0-2) **York Sample ID:** 23A0210-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:02 pm	01/05/2023

SVOA, 8270 MASTER

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
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.112**		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:25 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	**Pyrene**	**0.0760**	J	mg/kg dry	0.0441	0.0881	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*57.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*60.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.0 %*	*21-113*

Sample Information

Client Sample ID: 23-Dup-1(0-2) **York Sample ID:** 23A0210-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:02 pm	01/05/2023

SVOA, 8270 MASTER

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
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*83.0 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.0 %*			*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	01/09/2023 08:46	01/10/2023 12:34	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*55.9 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

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	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**1.76**		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
375-95-1	*** Perfluorononanoic acid (PFNA)**	**0.364**		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
335-76-2	*** Perfluorodecanoic acid (PFDA)**	**1.80**		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
2058-94-8	*** Perfluoroundecanoic acid (PFUnA)**	**0.897**		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
307-55-1	*** Perfluorododecanoic acid (PFDoA)**	**1.91**		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
72629-94-8	*** Perfluorotridecanoic acid (PFTrDA)**	**0.350**		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
376-06-7	*** Perfluorotetradecanoic acid (PFTA)**	**0.619**		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ

Sample Information

Client Sample ID: 23-Dup-1(0-2) **York Sample ID:** 23A0210-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:02 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.421	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.842	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.842	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.842	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.421	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.421	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.421	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.421	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.842	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.842	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.842	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.842	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.842	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.05	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.26	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ

Sample Information

Client Sample ID: 23-Dup-1(0-2) **York Sample ID:** 23A0210-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:02 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.26	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.11	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.11	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:14	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*104 %*	*25-150*
Surrogate: M5PFHxA	*105 %*	*25-150*
Surrogate: M4PFHpA	*106 %*	*25-150*
Surrogate: M3PFHxS	*116 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*102 %*	*25-150*
Surrogate: M6PFDA	*101 %*	*25-150*
Surrogate: M7PFUdA	*98.1 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*86.3 %*	*25-150*
Surrogate: M2PFTeDA	*64.4 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*113 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*123 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*115 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.66 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*80.9 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*86.5 %*	*25-150*
Surrogate: M2-6:2 FTS	*87.4 %*	*25-200*
Surrogate: M2-8:2 FTS	*84.4 %*	*25-200*
Surrogate: M9PFNA	*114 %*	*25-150*
Surrogate: M2-4:2 FTS	*84.3 %*	*25-150*
Surrogate: d-N-MeFOSA	*7.92 %*	*25-150*
Surrogate: d-N-EtFOSA	*50.7 %*	*25-150*
Surrogate: M3HFPO-DA	*101 %*	*25-150*
Surrogate: d9-N-EtFOSE	*6.26 %*	*25-150*
Surrogate: d7-N-MeFOSE	*7.64 %*	*25-150*

Sample Information

Client Sample ID: 23-Dup-1(0-2) **York Sample ID:** 23A0210-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:02 pm	01/05/2023

PEST, 8081 MASTER **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:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:31	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:31	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:31	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:31	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:31	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/06/2023 08:51 NELAC-NY10854,NJDEP	01/10/2023 21:31	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:31	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:31	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:31	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:31	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854	01/10/2023 21:31	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:31	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:31	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:31	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:31	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:31	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/06/2023 08:51 NELAC-NY10854,NJDEP	01/10/2023 21:31	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:31	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:31	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:31	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:31	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0346	5	EPA 8081B Certifications:	01/06/2023 08:51	01/10/2023 21:31	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*95.4 %*	*30-150*

Sample Information

Client Sample ID: 23-Dup-1(0-2) **York Sample ID:** 23A0210-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:02 pm	01/05/2023

PEST, 8081 MASTER

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
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.8 %*			*30-150*					

PCB, 8082 MASTER

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	01/06/2023 08:51	01/10/2023 01:56	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A	01/06/2023 08:51	01/10/2023 01:56	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A	01/06/2023 08:51	01/10/2023 01:56	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A	01/06/2023 08:51	01/10/2023 01:56	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A	01/06/2023 08:51	01/10/2023 01:56	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A	01/06/2023 08:51	01/10/2023 01:56	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A	01/06/2023 08:51	01/10/2023 01:56	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0175	1	EPA 8082A	01/06/2023 08:51	01/10/2023 01:56	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*93.5 %*	*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**	**2410**		mg/kg dry	4.43	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.21	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.93**		mg/kg dry	1.33	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**24.4**		mg/kg dry	2.21	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.174**		mg/kg dry	0.045	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.286**		mg/kg dry	0.266	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 23-Dup-1(0-2) **York Sample ID:** 23A0210-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:02 pm	01/05/2023

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
7440-70-2	**Calcium**	**145000**		mg/kg dry	4.43	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**6.64**		mg/kg dry	0.443	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**2.58**		mg/kg dry	0.354	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**19.3**		mg/kg dry	1.77	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**6630**		mg/kg dry	22.1	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**22.0**		mg/kg dry	0.443	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**84600**		mg/kg dry	4.43	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**152**		mg/kg dry	0.443	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**6.54**		mg/kg dry	0.882	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**803**		mg/kg dry	4.43	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**20.4**		mg/kg dry	2.21	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.447	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**750**		mg/kg dry	44.3	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.21	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**10.5**		mg/kg dry	0.882	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**45.4**		mg/kg dry	2.21	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:10	CW
							Certifications:	CTDOH-PH-0723,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**	**0.0553**		mg/kg dry	0.0319	1	EPA 7473	01/06/2023 10:10	01/06/2023 13:23	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: 23-Dup-1(0-2) **York Sample ID:** 23A0210-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 1:02 pm	01/05/2023

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.532	1	EPA 7196A	01/17/2023 14:22	01/17/2023 21:10	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent **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
16065-83-1	*** Chromium, Trivalent**	**6.64**		mg/kg	0.500	1	Calculation	01/18/2023 08:57	01/18/2023 16:47	PAM
							Certifications:			

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**	**94.1**		%	0.100	1	SM 2540G	01/06/2023 07:37	01/06/2023 14:41	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 23SB-5 (0-2) **York Sample ID:** 23A0210-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:00 pm	01/05/2023

VOA, 8260 MASTER **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	0.0035	0.0071	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:05	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:05	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:05	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:05	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:05	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:05	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C	01/06/2023 09:00	01/06/2023 18:05	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: 23SB-5 (0-2) **York Sample ID:** 23A0210-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:00 pm	01/05/2023

VOA, 8260 MASTER **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
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.071	0.14	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	**Acetone**	**0.0072**	ICVE, J	mg/kg dry	0.0071	0.014	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: 23SB-5 (0-2) **York Sample ID:** 23A0210-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:00 pm	01/05/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**0.0096**	CCVE, J, B	mg/kg dry	0.0071	0.014	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: 23SB-5 (0-2) **York Sample ID:** 23A0210-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:00 pm	01/05/2023

VOA, 8260 MASTER

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
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0035	0.0071	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:05	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.7 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*76-130*

SVOA, 8270 MASTER

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	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57	KH NELAC-NY10854,NJDEP,PADEP
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57	KH NELAC-NY10854,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57	KH CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: 23SB-5 (0-2) **York Sample ID:** 23A0210-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:00 pm	01/05/2023

SVOA, 8270 MASTER

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
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/11/2023 11:57	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:57	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/11/2023 11:57	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/11/2023 11:57	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:57	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:57	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:57	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:57	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:57	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:57	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:57	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:57	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:57	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:57	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:57	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:57	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:57	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:57	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:57	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:57	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:57	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:57	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 11:57	KH

Sample Information

Client Sample ID: 23SB-5 (0-2) **York Sample ID:** 23A0210-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:00 pm	01/05/2023

SVOA, 8270 MASTER

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
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.182	0.364	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.0574**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.364	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.206**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.242**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.190**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.127**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.197**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: 23SB-5 (0-2) **York Sample ID:** 23A0210-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:00 pm	01/05/2023

SVOA, 8270 MASTER

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
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**0.195**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.383**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.108**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 11:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: 23SB-5 (0-2)

York Sample ID: 23A0210-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:00 pm	01/05/2023

SVOA, 8270 MASTER

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
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:57	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:57	KH
85-01-8	**Phenanthrene**	**0.169**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:57	KH
108-95-2	Phenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:57	KH
129-00-0	**Pyrene**	**0.286**		mg/kg dry	0.0456	0.0910	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 11:57	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*38.2 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*57.2 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.3 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.9 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*6.12 %*	S-04	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.0 %*		*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	01/09/2023 08:46	01/10/2023 13:08	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*59.4 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

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	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ

Sample Information

Client Sample ID: 23SB-5 (0-2) **York Sample ID:** 23A0210-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:00 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**0.324**		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.435	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.870	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.870	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.870	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.435	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.435	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.435	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.435	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.870	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ

Sample Information

Client Sample ID: 23SB-5 (0-2)

York Sample ID: 23A0210-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:00 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.870	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.870	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.870	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.870	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.09	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.44	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.44	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.17	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.17	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 19:30	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*97.9 %*	*25-150*
Surrogate: M5PFHxA	*103 %*	*25-150*
Surrogate: M4PFHpA	*94.8 %*	*25-150*
Surrogate: M3PFHxS	*116 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*101 %*	*25-150*
Surrogate: M6PFDA	*99.8 %*	*25-150*
Surrogate: M7PFUdA	*80.7 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*60.9 %*	*25-150*
Surrogate: M2PFTeDA	*31.9 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*104 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*107 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*105 %*	*25-150*

Sample Information

Client Sample ID: 23SB-5 (0-2) **York Sample ID:** 23A0210-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:00 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

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)	*7.97 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*55.7 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*55.4 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*81.1 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*73.3 %*		*25-200*						
	Surrogate: M9PFNA	*114 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*81.6 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*13.0 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*59.5 %*		*25-150*						
	Surrogate: M3HFPO-DA	*93.6 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*15.2 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*17.0 %*		*25-150*						

PEST, 8081 MASTER

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	0.00178	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:49	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:49	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:49	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:49	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:49	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	01/06/2023 08:51 NELAC-NY10854,NJDEP	01/10/2023 21:49	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:49	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:49	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:49	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:49	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854	01/10/2023 21:49	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:49	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:49	BJ

Sample Information

Client Sample ID: 23SB-5 (0-2) **York Sample ID:** 23A0210-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:00 pm	01/05/2023

PEST, 8081 MASTER

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
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:49	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:49	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:49	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	01/06/2023 08:51 NELAC-NY10854,NJDEP	01/10/2023 21:49	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:49	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:49	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:49	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.178	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 21:49	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0356	5	EPA 8081B Certifications:	01/06/2023 08:51	01/10/2023 21:49	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.0 %*	*30-150*

PCB, 8082 MASTER

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	0.0180	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 02:11	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 02:11	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 02:11	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 02:11	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 02:11	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 02:11	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 02:11	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	01/06/2023 08:51	01/10/2023 02:11	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.0 %*	*30-120*

Sample Information

Client Sample ID: **23SB-5 (0-2)** **York Sample ID:** **23A0210-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:00 pm	01/05/2023

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**	**10900**		mg/kg dry	4.57	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.29	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.72**		mg/kg dry	1.37	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**121**		mg/kg dry	2.28	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.737**		mg/kg dry	0.046	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.432**		mg/kg dry	0.274	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**47500**		mg/kg dry	4.57	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**22.0**		mg/kg dry	0.458	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.2**		mg/kg dry	0.366	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**38.0**		mg/kg dry	1.83	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**16200**		mg/kg dry	22.9	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**37.5**		mg/kg dry	0.458	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**7540**		mg/kg dry	4.58	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**184**		mg/kg dry	0.458	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**18.4**		mg/kg dry	0.911	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**4520**		mg/kg dry	4.58	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.461	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**1250**		mg/kg dry	45.7	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.29	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**29.6**		mg/kg dry	0.911	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 23SB-5 (0-2) **York Sample ID:** 23A0210-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:00 pm	01/05/2023

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**70.5**		mg/kg dry	2.28	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,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**	**0.0429**		mg/kg dry	0.0329	1	EPA 7473	01/06/2023 10:10	01/06/2023 13:32	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**4.96**		mg/kg dry	0.549	1	EPA 7196A	01/17/2023 14:22	01/17/2023 21:10	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**17.0**		mg/kg	0.500	1	Calculation	01/18/2023 08:57	01/18/2023 16:47	PAM
							Certifications:			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.1**		%	0.100	1	SM 2540G	01/06/2023 07:42	01/06/2023 15:15	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 23SB-5 (2-4) **York Sample ID:** 23A0210-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:05 pm	01/05/2023

VOA, 8260 MASTER

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

Sample Information

Client Sample ID: 23SB-5 (2-4) **York Sample ID:** 23A0210-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:05 pm	01/05/2023

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:	01/06/2023 09:00	01/06/2023 18:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	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:	01/06/2023 09:00	01/06/2023 18:32 CTDOH-PH-0723,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:	01/06/2023 09:00	01/06/2023 18:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32 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:	01/06/2023 09:00	01/06/2023 18:32 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32 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:	01/06/2023 09:00	01/06/2023 18:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.092	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: 23SB-5 (2-4) **York Sample ID:** 23A0210-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:05 pm	01/05/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	**Chloroform**	**0.0031**	J	mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: 23SB-5 (2-4) **York Sample ID:** 23A0210-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:05 pm	01/05/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**0.0069**	CCVE, J, B	mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:32	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*88.9 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

Sample Information

Client Sample ID: 23SB-5 (2-4) **York Sample ID:** 23A0210-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:05 pm	01/05/2023

SVOA, 8270 MASTER **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	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0817	0.163	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/11/2023 12:29	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/11/2023 12:29	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/11/2023 12:29	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0817	0.163	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0817	0.163	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0817	0.163	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH

Sample Information

Client Sample ID: 23SB-5 (2-4) **York Sample ID:** 23A0210-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:05 pm	01/05/2023

SVOA, 8270 MASTER

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	0.0817	0.163	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0817	0.163	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0817	0.163	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0817	0.163	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.164	0.327	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.164	0.327	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: 23SB-5 (2-4) **York Sample ID:** 23A0210-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:05 pm	01/05/2023

SVOA, 8270 MASTER

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	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0817	0.163	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 12:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: 23SB-5 (2-4) **York Sample ID:** 23A0210-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:05 pm	01/05/2023

SVOA, 8270 MASTER

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	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
108-95-2	Phenol	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0409	0.0817	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:29	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*55.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*67.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.3 %*	*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	19.6	1	EPA 8270D SIM Certifications:	01/09/2023 08:46 NELAC-NY10854	01/10/2023 13:25	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*58.5 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

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	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ

Sample Information

Client Sample ID: 23SB-5 (2-4) **York Sample ID:** 23A0210-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:05 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

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	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.400	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.800	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.800	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.800	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.400	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.400	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.400	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.400	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ

Sample Information

Client Sample ID: 23SB-5 (2-4)

York Sample ID: 23A0210-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:05 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.800	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.800	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.800	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.800	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.800	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.00	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.00	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.00	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.00	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.00	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.200	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:19	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*99.4 %*	*25-150*
Surrogate: M5PFHxA	*108 %*	*25-150*
Surrogate: M4PFHpA	*95.7 %*	*25-150*
Surrogate: M3PFHxS	*107 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*94.4 %*	*25-150*
Surrogate: M6PFDA	*91.3 %*	*25-150*
Surrogate: M7PFUdA	*74.5 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*67.4 %*	*25-150*
Surrogate: M2PFTeDA	*54.9 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*107 %*	*25-150*

Sample Information

Client Sample ID: 23SB-5 (2-4) **York Sample ID:** 23A0210-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:05 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*93.4 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*111 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*15.1 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*59.7 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*67.4 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*83.6 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*72.7 %*		*25-200*						
	Surrogate: M9PFNA	*98.7 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*77.7 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*13.9 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*62.7 %*		*25-150*						
	Surrogate: M3HFPO-DA	*94.6 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*15.9 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*16.7 %*		*25-150*						

PEST, 8081 MASTER

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	0.00163	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:35	BJ-
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00163	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:35	BJ-
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00163	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:35	BJ-
309-00-2	Aldrin	ND		mg/kg dry	0.00163	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:35	BJ-
319-84-6	alpha-BHC	ND		mg/kg dry	0.00163	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:35	BJ-
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00163	5	EPA 8081B Certifications:	01/06/2023 08:51 NELAC-NY10854,NJDEP	01/09/2023 20:35	BJ-
319-85-7	beta-BHC	ND		mg/kg dry	0.00163	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:35	BJ-
319-86-8	delta-BHC	ND		mg/kg dry	0.00163	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:35	BJ-
60-57-1	Dieldrin	ND		mg/kg dry	0.00163	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:35	BJ-
959-98-8	Endosulfan I	ND		mg/kg dry	0.00163	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:35	BJ-
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00163	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854	01/09/2023 20:35	BJ-

Sample Information

Client Sample ID: 23SB-5 (2-4) **York Sample ID:** 23A0210-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:05 pm	01/05/2023

PEST, 8081 MASTER

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	0.00163	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:35	BJ-
72-20-8	Endrin	ND		mg/kg dry	0.00163	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:35	BJ-
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00163	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:35	BJ-
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00163	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:35	BJ-
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00163	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:35	BJ-
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00163	5	EPA 8081B Certifications:	01/06/2023 08:51 NELAC-NY10854,NJDEP	01/09/2023 20:35	BJ-
76-44-8	Heptachlor	ND		mg/kg dry	0.00163	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:35	BJ-
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00163	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:35	BJ-
72-43-5	Methoxychlor	ND		mg/kg dry	0.00163	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:35	BJ-
8001-35-2	Toxaphene	ND		mg/kg dry	0.163	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:35	BJ-
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0325	5	EPA 8081B Certifications:	01/06/2023 08:51	01/09/2023 20:35	BJ-

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.4 %*	*30-150*

PCB, 8082 MASTER

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	0.0164	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 02:27	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0164	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 02:27	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0164	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 02:27	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0164	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 02:27	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0164	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 02:27	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0164	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 02:27	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0164	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 02:27	BJ

Sample Information

Client Sample ID: 23SB-5 (2-4) **York Sample ID:** 23A0210-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:05 pm	01/05/2023

PCB, 8082 MASTER

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0164	1	EPA 8082A Certifications:	01/06/2023 08:51	01/10/2023 02:27	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*95.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*94.0 %*	*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**	**28700**		mg/kg dry	4.20	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:15	CW
7440-36-0	Antimony	ND		mg/kg dry	2.10	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:15	CW
7440-38-2	Arsenic	ND		mg/kg dry	1.26	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:15	CW
7440-39-3	**Barium**	**381**		mg/kg dry	2.10	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:15	CW
7440-41-7	**Beryllium**	**2.14**		mg/kg dry	0.042	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:15	CW
7440-43-9	**Cadmium**	**1.30**		mg/kg dry	0.252	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:15	CW
7440-70-2	**Calcium**	**2270**		mg/kg dry	4.20	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:15	CW
7440-47-3	**Chromium**	**42.7**		mg/kg dry	0.421	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:15	CW
7440-48-4	**Cobalt**	**37.4**		mg/kg dry	0.336	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:15	CW
7440-50-8	Copper	ND		mg/kg dry	1.68	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:15	CW
7439-89-6	**Iron**	**44800**		mg/kg dry	21.0	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:15	CW
7439-92-1	**Lead**	**13.0**		mg/kg dry	0.421	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:15	CW
7439-95-4	**Magnesium**	**14500**		mg/kg dry	4.21	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:15	CW
7439-96-5	**Manganese**	**395**		mg/kg dry	0.421	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:15	CW
7440-02-0	**Nickel**	**45.8**		mg/kg dry	0.837	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:15	CW
7440-09-7	**Potassium**	**20500**		mg/kg dry	4.21	1	EPA 6010D Certifications:	01/10/2023 14:18 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:15	CW

Sample Information

Client Sample ID: 23SB-5 (2-4) **York Sample ID:** 23A0210-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 12:05 pm	01/05/2023

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
7782-49-2	Selenium	ND		mg/kg dry	2.10	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.424	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**403**		mg/kg dry	42.0	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.10	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**82.5**		mg/kg dry	0.837	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**137**		mg/kg dry	2.09	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:15	CW
							Certifications:	CTDOH-PH-0723,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	0.0303	1	EPA 7473	01/06/2023 10:10	01/06/2023 13:42	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.504	1	EPA 7196A	01/17/2023 14:22	01/17/2023 21:10	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**42.7**		mg/kg	0.500	1	Calculation	01/18/2023 08:57	01/18/2023 16:47	PAM
							Certifications:			

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**	**99.2**		%	0.100	1	SM 2540G	01/06/2023 07:42	01/06/2023 15:15	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 23SB-7 (0-2) **York Sample ID:** 23A0210-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:00 pm	01/05/2023

VOA, 8260 MASTER **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	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.065	0.13	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: 23SB-7 (0-2)

York Sample ID: 23A0210-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:00 pm	01/05/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 18:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 23SB-7 (0-2) **York Sample ID:** 23A0210-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:00 pm	01/05/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/06/2023 18:59	FTR
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.031**		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/06/2023 18:59	FTR
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/06/2023 18:59	FTR
75-09-2	Methylene chloride	ND	CCVE	mg/kg dry	0.0065	0.013	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 18:59	FTR
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 18:59	FTR
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 18:59	FTR
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/06/2023 18:59	FTR
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/06/2023 18:59	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 18:59	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 18:59	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 18:59	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/06/2023 18:59	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 18:59	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 18:59	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 18:59	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 18:59	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 18:59	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 18:59	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 18:59	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0032	0.0065	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 18:59	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0097	0.019	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/06/2023 18:59	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*90.8 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*

Sample Information

Client Sample ID: 23SB-7 (0-2) **York Sample ID:** 23A0210-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:00 pm	01/05/2023

VOA, 8260 MASTER

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*			*76-130*						

SVOA, 8270 MASTER

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	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:01	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:01	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:01	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/11/2023 13:01	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:01	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/11/2023 13:01	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,PADEP	01/11/2023 13:01	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D Certifications:	01/10/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:01	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:01	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:01	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:01	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:01	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:01	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:01	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:01	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:01	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:01	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:01	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:01	KH

Sample Information

Client Sample ID: 23SB-7 (0-2) **York Sample ID:** 23A0210-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:00 pm	01/05/2023

SVOA, 8270 MASTER

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
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: 23SB-7 (0-2) **York Sample ID:** 23A0210-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:00 pm	01/05/2023

SVOA, 8270 MASTER

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
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	01/10/2023 08:08	01/11/2023 13:01 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: 23SB-7 (0-2) **York Sample ID:** 23A0210-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:00 pm	01/05/2023

SVOA, 8270 MASTER

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
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 13:01	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 13:01	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 13:01	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 13:01	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 13:01	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 13:01	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 13:01	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 13:01	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 13:01	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 13:01	KH
108-95-2	Phenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 13:01	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 08:08	01/11/2023 13:01	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*63.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*77.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*85.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.7 %*	*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	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/09/2023 08:46	01/10/2023 13:43	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*61.7 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Information

Client Sample ID: 23SB-7 (0-2) **York Sample ID:** 23A0210-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:00 pm	01/05/2023

Sample Prepared by Method: EPA 1633 Prep

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	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**0.339**		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.438	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.877	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.877	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.877	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.438	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.438	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ

Sample Information

Client Sample ID: 23SB-7 (0-2) **York Sample ID:** 23A0210-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:00 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.438	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.438	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.877	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.877	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.877	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.877	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.877	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.10	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.48	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.48	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.19	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.19	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ
4151-50-2	* **N-EtFOSA**	**0.532**		ug/kg dry	0.219	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:35	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*97.5 %*	*25-150*
Surrogate: M5PFHxA	*108 %*	*25-150*
Surrogate: M4PFHpA	*99.2 %*	*25-150*
Surrogate: M3PFHxS	*111 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*106 %*	*25-150*
Surrogate: M6PFDA	*105 %*	*25-150*
Surrogate: M7PFUdA	*96.5 %*	*25-150*

Sample Information

Client Sample ID: 23SB-7 (0-2) **York Sample ID:** 23A0210-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:00 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*90.6 %*		*25-150*						
	Surrogate: M2PFTeDA	*55.9 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*109 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*108 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*114 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.61 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*74.4 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*77.3 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*92.1 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*88.6 %*		*25-200*						
	Surrogate: M9PFNA	*116 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*75.6 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*4.40 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*44.3 %*		*25-150*						
	Surrogate: M3HFPO-DA	*102 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*5.83 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*6.33 %*		*25-150*						

PEST, 8081 MASTER

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 Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:52	BJ-
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:52	BJ-
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:52	BJ-
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:52	BJ-
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:52	BJ-
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/06/2023 08:51 NELAC-NY10854,NJDEP	01/09/2023 20:52	BJ-
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:52	BJ-
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:52	BJ-

Sample Information

Client Sample ID: 23SB-7 (0-2) **York Sample ID:** 23A0210-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:00 pm	01/05/2023

PEST, 8081 MASTER

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
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:52	BJ-
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:52	BJ-
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854	01/09/2023 20:52	BJ-
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:52	BJ-
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:52	BJ-
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:52	BJ-
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:52	BJ-
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:52	BJ-
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/06/2023 08:51 NELAC-NY10854,NJDEP	01/09/2023 20:52	BJ-
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:52	BJ-
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:52	BJ-
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:52	BJ-
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 20:52	BJ-
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0357	5	EPA 8081B Certifications:	01/06/2023 08:51	01/09/2023 20:52	BJ-

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.7 %*	*30-150*

PCB, 8082 MASTER

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	0.0180	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 02:42	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 02:42	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 02:42	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 02:42	BJ

Sample Information

Client Sample ID: 23SB-7 (0-2) **York Sample ID:** 23A0210-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:00 pm	01/05/2023

PCB, 8082 MASTER

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
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	01/06/2023 08:51	01/10/2023 02:42	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A	01/06/2023 08:51	01/10/2023 02:42	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A	01/06/2023 08:51	01/10/2023 02:42	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A	01/06/2023 08:51	01/10/2023 02:42	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.5 %*	*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**	**18600**		mg/kg dry	4.60	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.30	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.38	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**249**		mg/kg dry	2.30	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**1.30**		mg/kg dry	0.046	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.583**		mg/kg dry	0.276	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**9980**		mg/kg dry	4.60	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**30.1**		mg/kg dry	0.461	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**22.7**		mg/kg dry	0.368	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**229**		mg/kg dry	1.84	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**30100**		mg/kg dry	23.0	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**45.4**		mg/kg dry	0.461	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**8770**		mg/kg dry	4.61	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 23SB-7 (0-2) **York Sample ID:** 23A0210-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:00 pm	01/05/2023

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**	**288**		mg/kg dry	0.461	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**31.9**		mg/kg dry	0.917	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**11700**		mg/kg dry	4.61	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.30	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.464	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**3020**		mg/kg dry	46.0	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.30	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**51.0**		mg/kg dry	0.917	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**146**		mg/kg dry	2.29	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:17	CW
							Certifications:	CTDOH-PH-0723,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**	**0.260**		mg/kg dry	0.0331	1	EPA 7473	01/06/2023 10:10	01/06/2023 13:51	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.552	1	EPA 7196A	01/17/2023 14:22	01/17/2023 21:10	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**30.1**		mg/kg	0.500	1	Calculation	01/18/2023 08:57	01/18/2023 16:47	PAM
							Certifications:			

Total Solids

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

Sample Information

Client Sample ID: 23SB-7 (0-2) **York Sample ID:** 23A0210-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:00 pm	01/05/2023

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**	**90.5**		%	0.100	1	SM 2540G	01/06/2023 07:42	01/06/2023 15:15	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: 23SB-7 (2-4) **York Sample ID:** 23A0210-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:05 pm	01/05/2023

VOA, 8260 MASTER **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	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: 23SB-7 (2-4) **York Sample ID:** 23A0210-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:05 pm	01/05/2023

VOA, 8260 MASTER

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
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.037	0.075	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.011**	ICVE	mg/kg dry	0.0037	0.0075	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	**Chloroform**	**0.0049**		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
74-87-3	Chloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: 23SB-7 (2-4) **York Sample ID:** 23A0210-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:05 pm	01/05/2023

VOA, 8260 MASTER

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	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**0.012**	CCVE, B	mg/kg dry	0.0037	0.0075	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0037	0.0075	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 23SB-7 (2-4) **York Sample ID:** 23A0210-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:05 pm	01/05/2023

VOA, 8260 MASTER

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
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 19:26	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 19:26	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 19:26	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 19:26	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0019	0.0037	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 19:26	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/06/2023 19:26	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*90.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

SVOA, 8270 MASTER

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	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0852	0.170	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,PADEP	01/10/2023 13:05	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,PADEP	01/10/2023 13:05	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,PADEP	01/10/2023 13:05	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0852	0.170	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH

Sample Information

Client Sample ID: 23SB-7 (2-4) **York Sample ID:** 23A0210-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:05 pm	01/05/2023

SVOA, 8270 MASTER

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
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0852	0.170	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0852	0.170	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0852	0.170	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0852	0.170	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0852	0.170	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0852	0.170	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH

Sample Information

Client Sample ID: 23SB-7 (2-4) **York Sample ID:** 23A0210-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:05 pm	01/05/2023

SVOA, 8270 MASTER

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
62-53-3	Aniline	ND		mg/kg dry	0.171	0.341	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
92-87-5	Benzidine	ND		mg/kg dry	0.171	0.341	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,PADEP	01/10/2023 13:05	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0852	0.170	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH

Sample Information

Client Sample ID: 23SB-7 (2-4) **York Sample ID:** 23A0210-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:05 pm	01/05/2023

SVOA, 8270 MASTER

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
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
108-95-2	Phenol	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0427	0.0852	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:05	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*31.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*33.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*32.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*39.1 %*	*21-113*

Sample Information

Client Sample ID: 23SB-7 (2-4) **York Sample ID:** 23A0210-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:05 pm	01/05/2023

SVOA, 8270 MASTER

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
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*47.6 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.8 %*			*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	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/09/2023 08:46	01/10/2023 14:00	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*53.7 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

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	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ

Sample Information

Client Sample ID: 23SB-7 (2-4) **York Sample ID:** 23A0210-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:05 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.408	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.816	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.816	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.816	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.408	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.408	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.408	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.408	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.816	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.816	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.816	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.816	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.816	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.02	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.10	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ

Sample Information

Client Sample ID: 23SB-7 (2-4) **York Sample ID:** 23A0210-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:05 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.10	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.04	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.04	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.204	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 20:51	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*100 %*	*25-150*
Surrogate: M5PFHxA	*110 %*	*25-150*
Surrogate: M4PFHpA	*101 %*	*25-150*
Surrogate: M3PFHxS	*117 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*101 %*	*25-150*
Surrogate: M6PFDA	*99.1 %*	*25-150*
Surrogate: M7PFUdA	*94.2 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*75.2 %*	*25-150*
Surrogate: M2PFTeDA	*61.6 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*110 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*103 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*112 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*9.78 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*67.3 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*71.0 %*	*25-150*
Surrogate: M2-6:2 FTS	*92.5 %*	*25-200*
Surrogate: M2-8:2 FTS	*75.7 %*	*25-200*
Surrogate: M9PFNA	*102 %*	*25-150*
Surrogate: M2-4:2 FTS	*83.6 %*	*25-150*
Surrogate: d-N-MeFOSA	*12.6 %*	*25-150*
Surrogate: d-N-EtFOSA	*55.8 %*	*25-150*
Surrogate: M3HFPO-DA	*106 %*	*25-150*
Surrogate: d9-N-EtFOSE	*11.3 %*	*25-150*
Surrogate: d7-N-MeFOSE	*13.0 %*	*25-150*

Sample Information

Client Sample ID: 23SB-7 (2-4) **York Sample ID:** 23A0210-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:05 pm	01/05/2023

PEST, 8081 MASTER **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	0.00169	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:09	BJ-
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:09	BJ-
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:09	BJ-
309-00-2	Aldrin	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:09	BJ-
319-84-6	alpha-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:09	BJ-
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/06/2023 08:51 NELAC-NY10854,NJDEP	01/09/2023 21:09	BJ-
319-85-7	beta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:09	BJ-
319-86-8	delta-BHC	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:09	BJ-
60-57-1	Dieldrin	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:09	BJ-
959-98-8	Endosulfan I	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:09	BJ-
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854	01/09/2023 21:09	BJ-
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:09	BJ-
72-20-8	Endrin	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:09	BJ-
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:09	BJ-
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:09	BJ-
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:09	BJ-
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/06/2023 08:51 NELAC-NY10854,NJDEP	01/09/2023 21:09	BJ-
76-44-8	Heptachlor	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:09	BJ-
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:09	BJ-
72-43-5	Methoxychlor	ND		mg/kg dry	0.00169	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:09	BJ-
8001-35-2	Toxaphene	ND		mg/kg dry	0.169	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:09	BJ-
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0337	5	EPA 8081B Certifications:	01/06/2023 08:51	01/09/2023 21:09	BJ-

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.6 %*	*30-150*

Sample Information

Client Sample ID: 23SB-7 (2-4) **York Sample ID:** 23A0210-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:05 pm	01/05/2023

PEST, 8081 MASTER

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
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.7 %*		*30-150*						

PCB, 8082 MASTER

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	0.0170	1	EPA 8082A	01/06/2023 08:51	01/10/2023 02:57	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A	01/06/2023 08:51	01/10/2023 02:57	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A	01/06/2023 08:51	01/10/2023 02:57	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0170	1	EPA 8082A	01/06/2023 08:51	01/10/2023 02:57	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	1	EPA 8082A	01/06/2023 08:51	01/10/2023 02:57	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A	01/06/2023 08:51	01/10/2023 02:57	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	1	EPA 8082A	01/06/2023 08:51	01/10/2023 02:57	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	1	EPA 8082A	01/06/2023 08:51	01/10/2023 02:57	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.0 %*	*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**	**14100**		mg/kg dry	4.27	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.13	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.28	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**198**		mg/kg dry	2.13	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.809**		mg/kg dry	0.043	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.551**		mg/kg dry	0.256	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 23SB-7 (2-4) **York Sample ID:** 23A0210-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:05 pm	01/05/2023

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
7440-70-2	**Calcium**	**10100**		mg/kg dry	4.27	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**25.4**		mg/kg dry	0.427	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**17.4**		mg/kg dry	0.341	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**27.8**		mg/kg dry	1.71	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**23900**		mg/kg dry	21.3	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**17.1**		mg/kg dry	0.427	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**8100**		mg/kg dry	4.27	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**201**		mg/kg dry	0.427	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**23.3**		mg/kg dry	0.850	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**9660**		mg/kg dry	4.27	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.13	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.430	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**887**		mg/kg dry	42.7	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.13	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**39.5**		mg/kg dry	0.850	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**78.0**		mg/kg dry	2.13	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:26	CW
							Certifications:	CTDOH-PH-0723,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	0.0307	1	EPA 7473	01/06/2023 10:10	01/06/2023 14:37	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: 23SB-7 (2-4) **York Sample ID:** 23A0210-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:05 pm	01/05/2023

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.512	1	EPA 7196A	01/17/2023 14:22	01/17/2023 21:10	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**25.4**		mg/kg	0.500	1	Calculation	01/18/2023 08:57	01/18/2023 16:47	PAM
							Certifications:			

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**	**97.6**		%	0.100	1	SM 2540G	01/06/2023 07:42	01/06/2023 15:15	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 23SB-7 (4-5) **York Sample ID:** 23A0210-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:10 pm	01/05/2023

VOA, 8260 MASTER

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	0.0031	0.0061	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:53	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:53	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:53	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:53	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:53	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:53	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	01/06/2023 09:00	01/06/2023 19:53	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: 23SB-7 (4-5) **York Sample ID:** 23A0210-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:10 pm	01/05/2023

VOA, 8260 MASTER

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
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 23SB-7 (4-5) **York Sample ID:** 23A0210-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:10 pm	01/05/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	**Chloroform**	**0.0040**	J	mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**0.012**	CCVE, B	mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00	01/06/2023 19:53	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: 23SB-7 (4-5) **York Sample ID:** 23A0210-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:10 pm	01/05/2023

VOA, 8260 MASTER

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
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/06/2023 19:53	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 19:53	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 19:53	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 19:53	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/06/2023 19:53	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 19:53	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 19:53	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 19:53	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 19:53	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 19:53	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 19:53	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 19:53	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/06/2023 19:53	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C Certifications:	01/06/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/06/2023 19:53	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*89.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.6 %*	*76-130*

SVOA, 8270 MASTER

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	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH

Sample Information

Client Sample ID: 23SB-7 (4-5) **York Sample ID:** 23A0210-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:10 pm	01/05/2023

SVOA, 8270 MASTER

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
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,PADEP	01/10/2023 13:34	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,PADEP	01/10/2023 13:34	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,PADEP	01/10/2023 13:34	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH

Sample Information

Client Sample ID: 23SB-7 (4-5) **York Sample ID:** 23A0210-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:10 pm	01/05/2023

SVOA, 8270 MASTER

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
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
62-53-3	Aniline	ND		mg/kg dry	0.169	0.339	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
92-87-5	Benzidine	ND		mg/kg dry	0.169	0.339	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,PADEP	01/10/2023 13:34	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH

Sample Information

Client Sample ID: 23SB-7 (4-5) **York Sample ID:** 23A0210-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:10 pm	01/05/2023

SVOA, 8270 MASTER

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
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0846	0.169	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications:	01/09/2023 08:43 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 13:34	KH

Sample Information

Client Sample ID: 23SB-7 (4-5) **York Sample ID:** 23A0210-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:10 pm	01/05/2023

SVOA, 8270 MASTER

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
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:43	01/10/2023 13:34	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:43	01/10/2023 13:34	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:43	01/10/2023 13:34	KH
108-95-2	Phenol	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:43	01/10/2023 13:34	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0424	0.0846	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 08:43	01/10/2023 13:34	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*32.9 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*35.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*35.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*39.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*50.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.8 %*	*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	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/09/2023 08:46	01/10/2023 14:17	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*54.8 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

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	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ

Sample Information

Client Sample ID: 23SB-7 (4-5) **York Sample ID:** 23A0210-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:10 pm	01/05/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.402	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.805	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.805	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.805	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.402	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.402	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.402	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.402	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.805	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ

Sample Information

Client Sample ID: 23SB-7 (4-5) **York Sample ID:** 23A0210-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:10 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.805	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.805	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.805	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.805	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.01	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.03	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.03	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.01	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.01	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.201	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:07	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*95.4 %*	*25-150*
Surrogate: M5PFHxA	*107 %*	*25-150*
Surrogate: M4PFHpA	*94.2 %*	*25-150*
Surrogate: M3PFHxS	*101 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*95.7 %*	*25-150*
Surrogate: M6PFDA	*96.1 %*	*25-150*
Surrogate: M7PFUdA	*77.5 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*74.7 %*	*25-150*
Surrogate: M2PFTeDA	*61.5 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*110 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*90.5 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*111 %*	*25-150*

Sample Information

Client Sample ID: 23SB-7 (4-5) **York Sample ID:** 23A0210-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:10 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

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)	*12.8 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*70.0 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*74.9 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*84.6 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*64.5 %*		*25-200*						
	Surrogate: M9PFNA	*102 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*77.9 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*11.8 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*53.3 %*		*25-150*						
	Surrogate: M3HFPO-DA	*98.9 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*12.8 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*14.0 %*		*25-150*						

PEST, 8081 MASTER

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	0.00165	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:59	BJ-
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00165	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:59	BJ-
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00165	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:59	BJ-
309-00-2	Aldrin	ND		mg/kg dry	0.00165	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:59	BJ-
319-84-6	alpha-BHC	ND		mg/kg dry	0.00165	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:59	BJ-
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00165	5	EPA 8081B Certifications:	01/06/2023 08:51 NELAC-NY10854,NJDEP	01/09/2023 21:59	BJ-
319-85-7	beta-BHC	ND		mg/kg dry	0.00165	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:59	BJ-
319-86-8	delta-BHC	ND		mg/kg dry	0.00165	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:59	BJ-
60-57-1	Dieldrin	ND		mg/kg dry	0.00165	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:59	BJ-
959-98-8	Endosulfan I	ND		mg/kg dry	0.00165	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:59	BJ-
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00165	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854	01/09/2023 21:59	BJ-
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00165	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:59	BJ-
72-20-8	Endrin	ND		mg/kg dry	0.00165	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:59	BJ-

Sample Information

Client Sample ID: 23SB-7 (4-5) **York Sample ID:** 23A0210-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:10 pm	01/05/2023

PEST, 8081 MASTER

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
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00165	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:59	BJ-
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00165	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:59	BJ-
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00165	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:59	BJ-
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00165	5	EPA 8081B Certifications:	01/06/2023 08:51 NELAC-NY10854,NJDEP	01/09/2023 21:59	BJ-
76-44-8	Heptachlor	ND		mg/kg dry	0.00165	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:59	BJ-
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00165	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:59	BJ-
72-43-5	Methoxychlor	ND		mg/kg dry	0.00165	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:59	BJ-
8001-35-2	Toxaphene	ND		mg/kg dry	0.165	5	EPA 8081B Certifications:	01/06/2023 08:51 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 21:59	BJ-
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0330	5	EPA 8081B Certifications:	01/06/2023 08:51	01/09/2023 21:59	BJ-

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.6 %*	*30-150*

PCB, 8082 MASTER

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	0.0167	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:12	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:12	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:12	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:12	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:12	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:12	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications:	01/06/2023 08:51 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 03:12	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0167	1	EPA 8082A Certifications:	01/06/2023 08:51	01/10/2023 03:12	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.0 %*	*30-120*

Sample Information

Client Sample ID: 23SB-7 (4-5) **York Sample ID:** 23A0210-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:10 pm	01/05/2023

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**	**21200**		mg/kg dry	4.24	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.12	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.27	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**320**		mg/kg dry	2.12	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**1.30**		mg/kg dry	0.043	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.847**		mg/kg dry	0.254	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2690**		mg/kg dry	4.24	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**36.4**		mg/kg dry	0.424	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**27.3**		mg/kg dry	0.339	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**7.21**		mg/kg dry	1.70	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**36000**		mg/kg dry	21.2	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**15.9**		mg/kg dry	0.424	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**9780**		mg/kg dry	4.24	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**290**		mg/kg dry	0.424	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**37.6**		mg/kg dry	0.845	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**15400**		mg/kg dry	4.24	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.12	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.427	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**677**		mg/kg dry	42.4	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.12	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**59.7**		mg/kg dry	0.845	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 23SB-7 (4-5) **York Sample ID:** 23A0210-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Soil	January 5, 2023 4:10 pm	01/05/2023

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**112**		mg/kg dry	2.11	1	EPA 6010D	01/10/2023 14:18	01/12/2023 17:28	CW
							Certifications:	CTDOH-PH-0723,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	0.0305	1	EPA 7473	01/06/2023 10:10	01/06/2023 14:44	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.509	1	EPA 7196A	01/17/2023 14:22	01/17/2023 21:10	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**36.4**		mg/kg	0.500	1	Calculation	01/18/2023 08:57	01/18/2023 16:47	PAM
							Certifications:			

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**	**98.3**		%	0.100	1	SM 2540G	01/06/2023 07:42	01/06/2023 15:15	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: FB010523 **York Sample ID:** 23A0210-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Water	January 5, 2023 1:45 pm	01/05/2023

VOA, 8260 LOW MASTER

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

Sample Information

Client Sample ID: FB010523 **York Sample ID:** 23A0210-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Water	January 5, 2023 1:45 pm	01/05/2023

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	0.216	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD

Sample Information

Client Sample ID: FB010523 **York Sample ID:** 23A0210-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Water	January 5, 2023 1:45 pm	01/05/2023

VOA, 8260 LOW MASTER **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	1.34	2.00	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD

Sample Information

Client Sample ID: FB010523 **York Sample ID:** 23A0210-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Water	January 5, 2023 1:45 pm	01/05/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
91-20-3	**Naphthalene**	**0.530**	J, B	ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:09 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD

Sample Information

Client Sample ID: FB010523 **York Sample ID:** 23A0210-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Water	January 5, 2023 1:45 pm	01/05/2023

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/06/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/06/2023 12:09	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*92.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*88.1 %*	*79-122*

SVOA, 8270 LOW MASTER

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:	01/06/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH

Sample Information

Client Sample ID: FB010523 **York Sample ID:** 23A0210-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Water	January 5, 2023 1:45 pm	01/05/2023

SVOA, 8270 LOW MASTER

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
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.26	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.05	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH

Sample Information

Client Sample ID: FB010523 **York Sample ID:** 23A0210-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Water	January 5, 2023 1:45 pm	01/05/2023

SVOA, 8270 LOW MASTER

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
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.26	10.5	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH
2312-35-8	* Propargite	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08	01/09/2023 16:31	KH
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/06/2023 08:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:31	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*29.9 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*16.0 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.9 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*79.5 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.9 %*	*30.7-106*

SVOA, 8270 SIM MASTER

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:	01/09/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:28	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications:	01/09/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:28	KH
120-12-7	Anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications:	01/09/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:28	KH
1912-24-9	Atrazine	ND		ug/L	0.541	1	EPA 8270D SIM Certifications:	01/09/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/09/2023 16:28	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications:	01/09/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:28	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications:	01/09/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:28	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications:	01/09/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:28	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications:	01/09/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:28	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications:	01/09/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 16:28	KH

Sample Information

Client Sample ID: FB010523 **York Sample ID:** 23A0210-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Water	January 5, 2023 1:45 pm	01/05/2023

SVOA, 8270 SIM MASTER

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
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.638**	B	ug/L	0.541	1	EPA 8270D SIM	01/09/2023 07:56	01/09/2023 16:28	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0541	1	EPA 8270D SIM	01/09/2023 07:56	01/09/2023 16:28	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	01/09/2023 07:56	01/09/2023 16:28	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	01/09/2023 07:56	01/09/2023 16:28	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0541	1	EPA 8270D SIM	01/09/2023 07:56	01/09/2023 16:28	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	1	EPA 8270D SIM	01/09/2023 07:56	01/09/2023 16:28	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	1	EPA 8270D SIM	01/09/2023 07:56	01/09/2023 16:28	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.541	1	EPA 8270D SIM	01/09/2023 07:56	01/09/2023 16:28	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	01/09/2023 07:56	01/09/2023 16:28	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0541	1	EPA 8270D SIM	01/09/2023 07:56	01/09/2023 16:28	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.270	1	EPA 8270D SIM	01/09/2023 07:56	01/09/2023 16:28	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	1	EPA 8270D SIM	01/09/2023 07:56	01/09/2023 16:28	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.270	1	EPA 8270D SIM	01/09/2023 07:56	01/09/2023 16:28	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0541	1	EPA 8270D SIM	01/09/2023 07:56	01/09/2023 16:28	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	01/09/2023 07:56	01/09/2023 16:28	KH
							Certifications: CTDOH-PH-0723,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	01/11/2023 08:45	01/12/2023 11:15	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*75.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

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

Sample Information

Client Sample ID: **FB010523** **York Sample ID:** **23A0210-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Water	January 5, 2023 1:45 pm	01/05/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

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	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	3.67	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.34	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	7.34	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	7.34	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	3.67	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ

Sample Information

Client Sample ID: FB010523 **York Sample ID:** 23A0210-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Water	January 5, 2023 1:45 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.67	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	3.67	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	3.67	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	7.34	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	7.34	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	7.34	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	7.34	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
919005-14-4	* ADONA	ND		ng/L	7.34	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	4.59	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	22.9	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	22.9	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	18.4	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
31506-32-8	* **N-MeFOSA**	**2.58**		ng/L	1.84	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	18.4	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ
4151-50-2	* **N-EtFOSA**	**1.43**	B	ng/L	0.184	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 15:36	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*56.6 %*	*25-150*
Surrogate: M5PFHxA	*47.3 %*	*25-150*
Surrogate: M4PFHpA	*45.7 %*	*25-150*
Surrogate: M3PFHxS	*64.7 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*48.9 %*	*25-150*
Surrogate: M6PFDA	*49.2 %*	*25-150*

Sample Information

Client Sample ID: FB010523 **York Sample ID:** 23A0210-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Water	January 5, 2023 1:45 pm	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M7PFUdA	*44.7 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*41.7 %*			*25-150*					
	Surrogate: M2PFTeDA	*30.2 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*51.7 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*61.6 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*48.3 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*7.73 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*44.3 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*42.3 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*45.7 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*46.2 %*			*25-200*					
	Surrogate: M9PFNA	*51.7 %*			*25-150*					
	Surrogate: M2-4:2 FTS	*43.3 %*			*25-150*					
	Surrogate: d-N-MeFOSA	*16.9 %*			*25-150*					
	Surrogate: d-N-EtFOSA	*46.0 %*			*25-150*					
	Surrogate: M3HFPO-DA	*41.9 %*			*25-150*					
	Surrogate: d9-N-EtFOSE	*12.7 %*			*25-150*					
	Surrogate: d7-N-MeFOSE	*16.1 %*			*25-150*					

PEST, 8081 MASTER

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:	01/06/2023 07:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 15:46	BJ-
72-55-9	4,4'-DDE	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/06/2023 07:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 15:46	BJ-
50-29-3	4,4'-DDT	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/06/2023 07:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 15:46	BJ-
309-00-2	Aldrin	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/06/2023 07:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 15:46	BJ-
319-84-6	alpha-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/06/2023 07:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 15:46	BJ-
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/06/2023 07:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 15:46	BJ-
319-85-7	beta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/06/2023 07:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/09/2023 15:46	BJ-

Sample Information

Client Sample ID: FB010523 **York Sample ID:** 23A0210-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Water	January 5, 2023 1:45 pm	01/05/2023

PEST, 8081 MASTER

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
319-86-8	delta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/06/2023 07:55	01/09/2023 15:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ-
60-57-1	Dieldrin	ND		ug/L	0.00216	1	EPA 8081B Certifications:	01/06/2023 07:55	01/09/2023 15:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ-
959-98-8	Endosulfan I	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/06/2023 07:55	01/09/2023 15:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ-
33213-65-9	Endosulfan II	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/06/2023 07:55	01/09/2023 15:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ-
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/06/2023 07:55	01/09/2023 15:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ-
72-20-8	Endrin	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/06/2023 07:55	01/09/2023 15:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ-
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	1	EPA 8081B Certifications:	01/06/2023 07:55	01/09/2023 15:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ-
53494-70-5	Endrin ketone	ND		ug/L	0.0108	1	EPA 8081B Certifications:	01/06/2023 07:55	01/09/2023 15:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ-
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/06/2023 07:55	01/09/2023 15:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ-
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	1	EPA 8081B Certifications:	01/06/2023 07:55	01/09/2023 15:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ-
76-44-8	Heptachlor	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/06/2023 07:55	01/09/2023 15:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ-
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/06/2023 07:55	01/09/2023 15:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ-
72-43-5	Methoxychlor	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/06/2023 07:55	01/09/2023 15:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ-
8001-35-2	Toxaphene	ND		ug/L	0.108	1	EPA 8081B Certifications:	01/06/2023 07:55	01/09/2023 15:46 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ-
12789-03-6	* Chlordane, total	ND		ug/L	0.216	1	EPA 8081B Certifications:	01/06/2023 07:55	01/09/2023 15:46	BJ-
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0108	1	EPA 8081B Certifications:	01/06/2023 07:55	01/09/2023 15:46	BJ-

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-150*

PCB, 8082 MASTER

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:	01/06/2023 07:55	01/09/2023 23:50 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	1	EPA 8082A Certifications:	01/06/2023 07:55	01/09/2023 23:50 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ

Sample Information

Client Sample ID: FB010523 **York Sample ID:** 23A0210-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Water	January 5, 2023 1:45 pm	01/05/2023

PCB, 8082 MASTER

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
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	1	EPA 8082A Certifications:	01/06/2023 07:55 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/09/2023 23:50	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	1	EPA 8082A Certifications:	01/06/2023 07:55 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/09/2023 23:50	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	1	EPA 8082A Certifications:	01/06/2023 07:55 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/09/2023 23:50	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	1	EPA 8082A Certifications:	01/06/2023 07:55 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/09/2023 23:50	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	1	EPA 8082A Certifications:	01/06/2023 07:55 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/09/2023 23:50	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0541	1	EPA 8082A Certifications:	01/06/2023 07:55	01/09/2023 23:50	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.5 %*	*30-150*

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	ND		mg/L	0.0556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:48	CW
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:48	CW
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:48	CW
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:48	CW
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:48	CW
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:48	CW
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:48	CW
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:48	CW
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:48	CW
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:48	CW
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:48	CW
7440-09-7	**Potassium**	**0.0996**	B	mg/L	0.0556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:48	CW

Sample Information

Client Sample ID: FB010523 **York Sample ID:** 23A0210-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Water	January 5, 2023 1:45 pm	01/05/2023

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
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:48	CW
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:48	CW
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:48	CW
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 13:48	CW

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:	01/11/2023 08:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 15:51	AJL
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications:	01/11/2023 08:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 15:51	AJL
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications:	01/11/2023 08:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 15:51	AJL
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications:	01/11/2023 08:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 15:51	AJL
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications:	01/11/2023 08:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 15:51	AJL
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications:	01/11/2023 08:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 15:51	AJL

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:	01/10/2023 20:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 20:44	AA

Sample Information

Client Sample ID: TB **York Sample ID:** 23A0210-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Water	January 4, 2023 12:00 am	01/05/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: TB

York Sample ID: 23A0210-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Water	January 4, 2023 12:00 am	01/05/2023

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	0.216	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: TB

York Sample ID: 23A0210-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Water	January 4, 2023 12:00 am	01/05/2023

VOA, 8260 LOW MASTER

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**	**2.99**		ug/L	1.34	2.00	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C	01/06/2023 08:00	01/06/2023 12:36	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: TB

York Sample ID: 23A0210-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Water	January 4, 2023 12:00 am	01/05/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
91-20-3	**Naphthalene**	**0.480**	J, B	ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/06/2023 08:00	01/06/2023 12:36 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD

Sample Information

Client Sample ID: TB **York Sample ID:** 23A0210-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0210	315 Grand Concourse Bronx, NY	Water	January 4, 2023 12:00 am	01/05/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/06/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/06/2023 12:36	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*85.4 %*	*79-122*

Analytical Batch Summary

Batch ID: BA30219 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23A0210-01	23SB-3 (0-2)	01/06/23
23A0210-02	23SB-3 (2-3)	01/06/23
23A0210-03	23SB-4 (0-2)	01/06/23
23A0210-04	23SB-4 (2-4)	01/06/23
23A0210-05	23SB-4 (4-5)	01/06/23
23A0210-06	23-Dup-1(0-2)	01/06/23
BA30219-DUP1	Duplicate	01/06/23

Batch ID: BA30220 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23A0210-07	23SB-5 (0-2)	01/06/23
23A0210-08	23SB-5 (2-4)	01/06/23
23A0210-09	23SB-7 (0-2)	01/06/23
23A0210-10	23SB-7 (2-4)	01/06/23
23A0210-11	23SB-7 (4-5)	01/06/23
BA30220-DUP1	Duplicate	01/06/23

Batch ID: BA30223 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** AAL

YORK Sample ID	Client Sample ID	Preparation Date
23A0210-12	FB010523	01/06/23
23A0210-12	FB010523	01/06/23
BA30223-BLK1	Blank	01/06/23
BA30223-BLK2	Blank	01/06/23
BA30223-BS1	LCS	01/06/23
BA30223-BS2	LCS	01/06/23
BA30223-BSD1	LCS Dup	01/06/23
BA30223-BSD2	LCS Dup	01/06/23

Batch ID: BA30228 **Preparation Method:** EPA 3510C **Prepared By:** RST

YORK Sample ID	Client Sample ID	Preparation Date
23A0210-12	FB010523	01/06/23
BA30228-BLK1	Blank	01/06/23
BA30228-BLK2	Blank	01/06/23
BA30228-BS1	LCS	01/06/23
BA30228-BS2	LCS	01/06/23
BA30228-BSD1	LCS Dup	01/06/23

Batch ID: BA30239 **Preparation Method:** EPA 3550C **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date

23A0210-04	23SB-4 (2-4)	01/06/23
23A0210-04	23SB-4 (2-4)	01/06/23
23A0210-05	23SB-4 (4-5)	01/06/23
23A0210-05	23SB-4 (4-5)	01/06/23
23A0210-06	23-Dup-1(0-2)	01/06/23
23A0210-06	23-Dup-1(0-2)	01/06/23
23A0210-07	23SB-5 (0-2)	01/06/23
23A0210-07	23SB-5 (0-2)	01/06/23
23A0210-08	23SB-5 (2-4)	01/06/23
23A0210-08	23SB-5 (2-4)	01/06/23
23A0210-09	23SB-7 (0-2)	01/06/23
23A0210-09	23SB-7 (0-2)	01/06/23
23A0210-10	23SB-7 (2-4)	01/06/23
23A0210-10	23SB-7 (2-4)	01/06/23
23A0210-11	23SB-7 (4-5)	01/06/23
23A0210-11	23SB-7 (4-5)	01/06/23
BA30239-BLK1	Blank	01/06/23
BA30239-BLK2	Blank	01/06/23
BA30239-BS1	LCS	01/06/23
BA30239-BS2	LCS	01/06/23
BA30239-MS1	Matrix Spike	01/06/23
BA30239-MS2	Matrix Spike	01/06/23
BA30239-MSD1	Matrix Spike Dup	01/06/23
BA30239-MSD2	Matrix Spike Dup	01/06/23

Batch ID: BA30243 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
23A0210-01	23SB-3 (0-2)	01/06/23
23A0210-02	23SB-3 (2-3)	01/06/23
23A0210-03	23SB-4 (0-2)	01/06/23
23A0210-04	23SB-4 (2-4)	01/06/23
23A0210-05	23SB-4 (4-5)	01/06/23
23A0210-06	23-Dup-1(0-2)	01/06/23
23A0210-07	23SB-5 (0-2)	01/06/23
23A0210-08	23SB-5 (2-4)	01/06/23
23A0210-09	23SB-7 (0-2)	01/06/23
23A0210-10	23SB-7 (2-4)	01/06/23
23A0210-11	23SB-7 (4-5)	01/06/23
BA30243-BLK1	Blank	01/06/23
BA30243-BLK2	Blank	01/06/23
BA30243-BS1	LCS	01/06/23
BA30243-BSD1	LCS Dup	01/06/23

Batch ID: BA30247 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
23A0210-12	FB010523	01/06/23
23A0210-13	TB	01/06/23
BA30247-BLK1	Blank	01/06/23
BA30247-BS1	LCS	01/06/23

BA30247-BSD1	LCS Dup	01/06/23
BA30247-MS1	Matrix Spike	01/06/23
BA30247-MSD1	Matrix Spike Dup	01/06/23

Batch ID: BA30250 **Preparation Method:** EPA 7473 soil **Prepared By:** MR

YORK Sample ID	Client Sample ID	Preparation Date
23A0210-01	23SB-3 (0-2)	01/06/23
23A0210-02	23SB-3 (2-3)	01/06/23
23A0210-03	23SB-4 (0-2)	01/06/23
23A0210-04	23SB-4 (2-4)	01/06/23
23A0210-05	23SB-4 (4-5)	01/06/23
23A0210-06	23-Dup-1(0-2)	01/06/23
23A0210-07	23SB-5 (0-2)	01/06/23
23A0210-08	23SB-5 (2-4)	01/06/23
23A0210-09	23SB-7 (0-2)	01/06/23
23A0210-10	23SB-7 (2-4)	01/06/23
23A0210-11	23SB-7 (4-5)	01/06/23
BA30250-BLK1	Blank	01/06/23
BA30250-DUP1	Duplicate	01/06/23
BA30250-MS1	Matrix Spike	01/06/23
BA30250-SRM1	Reference	01/06/23

Batch ID: BA30285 **Preparation Method:** EPA 3550C **Prepared By:** CLO

YORK Sample ID	Client Sample ID	Preparation Date
23A0210-01	23SB-3 (0-2)	01/07/23
23A0210-01	23SB-3 (0-2)	01/07/23
23A0210-02	23SB-3 (2-3)	01/07/23
23A0210-02	23SB-3 (2-3)	01/07/23
23A0210-03	23SB-4 (0-2)	01/07/23
23A0210-03	23SB-4 (0-2)	01/07/23
BA30285-BLK1	Blank	01/07/23
BA30285-BLK2	Blank	01/07/23
BA30285-BS1	LCS	01/07/23
BA30285-BS2	LCS	01/07/23
BA30285-MS1	Matrix Spike	01/07/23
BA30285-MS2	Matrix Spike	01/07/23
BA30285-MSD1	Matrix Spike Dup	01/07/23
BA30285-MSD2	Matrix Spike Dup	01/07/23

Batch ID: BA30312 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23A0210-10	23SB-7 (2-4)	01/09/23
23A0210-11	23SB-7 (4-5)	01/09/23
BA30312-BLK1	Blank	01/09/23
BA30312-BS1	LCS	01/09/23
BA30312-MS1	Matrix Spike	01/09/23
BA30312-MSD1	Matrix Spike Dup	01/09/23

Batch ID: BA30313 **Preparation Method:** EPA 3550C **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
23A0210-01	23SB-3 (0-2)	01/09/23
23A0210-02	23SB-3 (2-3)	01/09/23
23A0210-03	23SB-4 (0-2)	01/09/23
23A0210-04	23SB-4 (2-4)	01/09/23
23A0210-05	23SB-4 (4-5)	01/09/23
23A0210-06	23-Dup-1(0-2)	01/09/23
23A0210-07	23SB-5 (0-2)	01/09/23
23A0210-08	23SB-5 (2-4)	01/09/23
23A0210-09	23SB-7 (0-2)	01/09/23
23A0210-10	23SB-7 (2-4)	01/09/23
23A0210-11	23SB-7 (4-5)	01/09/23
BA30313-BLK1	Blank	01/09/23
BA30313-BS1	LCS	01/09/23
BA30313-MS1	Matrix Spike	01/09/23
BA30313-MSD1	Matrix Spike Dup	01/09/23

Batch ID: BA30361 **Preparation Method:** EPA 1633 Prep **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
23A0210-01	23SB-3 (0-2)	01/10/23
23A0210-02	23SB-3 (2-3)	01/10/23
23A0210-03	23SB-4 (0-2)	01/10/23
23A0210-04	23SB-4 (2-4)	01/10/23
23A0210-05	23SB-4 (4-5)	01/10/23
23A0210-06	23-Dup-1(0-2)	01/10/23
23A0210-07	23SB-5 (0-2)	01/10/23
23A0210-08	23SB-5 (2-4)	01/10/23
23A0210-09	23SB-7 (0-2)	01/10/23
23A0210-10	23SB-7 (2-4)	01/10/23
23A0210-11	23SB-7 (4-5)	01/10/23
BA30361-BLK1	Blank	01/10/23
BA30361-BS1	LCS	01/10/23
BA30361-BS2	LCS	01/10/23
BA30361-DUP1	Duplicate	01/10/23

Batch ID: BA30376 **Preparation Method:** EPA 3510C **Prepared By:** RST

YORK Sample ID	Client Sample ID	Preparation Date
23A0210-12	FB010523	01/09/23
BA30376-BLK2	Blank	01/10/23
BA30376-BS2	LCS	01/10/23

Batch ID: BA30378 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date

23A0210-01	23SB-3 (0-2)	01/10/23
23A0210-02	23SB-3 (2-3)	01/10/23
23A0210-03	23SB-4 (0-2)	01/10/23
23A0210-04	23SB-4 (2-4)	01/10/23
23A0210-05	23SB-4 (4-5)	01/10/23
23A0210-06	23-Dup-1(0-2)	01/10/23
23A0210-07	23SB-5 (0-2)	01/10/23
23A0210-08	23SB-5 (2-4)	01/10/23
23A0210-09	23SB-7 (0-2)	01/10/23
BA30378-BLK1	Blank	01/10/23
BA30378-BS1	LCS	01/10/23
BA30378-MS1	Matrix Spike	01/10/23
BA30378-MSD1	Matrix Spike Dup	01/10/23

Batch ID: BA30383 **Preparation Method:** EPA 3015A **Prepared By:** MCS

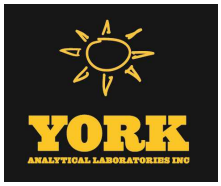
YORK Sample ID	Client Sample ID	Preparation Date
23A0210-12	FB010523	01/10/23
BA30383-BLK1	Blank	01/10/23
BA30383-BS1	LCS	01/10/23
BA30383-DUP1	Duplicate	01/10/23
BA30383-MS1	Matrix Spike	01/10/23
BA30383-PS1	Post Spike	01/10/23

Batch ID: BA30396 **Preparation Method:** EPA 1633 Prep **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
23A0210-12	FB010523	01/10/23
BA30396-BLK1	Blank	01/10/23
BA30396-BS1	LCS	01/10/23
BA30396-BS2	LCS	01/10/23

Batch ID: BA30419 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23A0210-01	23SB-3 (0-2)	01/10/23
23A0210-02	23SB-3 (2-3)	01/10/23
23A0210-03	23SB-4 (0-2)	01/10/23
23A0210-04	23SB-4 (2-4)	01/10/23
23A0210-05	23SB-4 (4-5)	01/10/23
23A0210-06	23-Dup-1(0-2)	01/10/23
23A0210-07	23SB-5 (0-2)	01/10/23
23A0210-08	23SB-5 (2-4)	01/10/23
23A0210-09	23SB-7 (0-2)	01/10/23
23A0210-10	23SB-7 (2-4)	01/10/23
23A0210-11	23SB-7 (4-5)	01/10/23
BA30419-BLK1	Blank	01/10/23
BA30419-DUP1	Duplicate	01/10/23
BA30419-MS1	Matrix Spike	01/10/23
BA30419-PS1	Post Spike	01/10/23



BA30419-SRM1	Reference	01/10/23

Batch ID: BA30445 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
23A0210-12	FB010523	01/10/23
BA30445-BLK1	Blank	01/10/23
BA30445-BS1	LCS	01/10/23
BA30445-BS2	LCS	01/10/23

Batch ID: BA30461 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23A0210-12	FB010523	01/11/23
BA30461-BLK1	Blank	01/11/23
BA30461-BS1	LCS	01/11/23
BA30461-DUP1	Duplicate	01/11/23
BA30461-MS1	Matrix Spike	01/11/23

Batch ID: BA30472 **Preparation Method:** EPA 3535A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23A0210-12	FB010523	01/11/23
BA30472-BLK1	Blank	01/11/23
BA30472-BS1	LCS	01/11/23
BA30472-MS1	Matrix Spike	01/11/23
BA30472-MSD1	Matrix Spike Dup	01/11/23

Batch ID: BA30822 **Preparation Method:** EPA SW846-3060 **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
23A0210-01	23SB-3 (0-2)	01/17/23
23A0210-02	23SB-3 (2-3)	01/17/23
23A0210-03	23SB-4 (0-2)	01/17/23
23A0210-04	23SB-4 (2-4)	01/17/23
23A0210-05	23SB-4 (4-5)	01/17/23
23A0210-06	23-Dup-1(0-2)	01/17/23
23A0210-07	23SB-5 (0-2)	01/17/23
23A0210-08	23SB-5 (2-4)	01/17/23
23A0210-09	23SB-7 (0-2)	01/17/23
23A0210-10	23SB-7 (2-4)	01/17/23
23A0210-11	23SB-7 (4-5)	01/17/23
BA30822-BLK1	Blank	01/17/23
BA30822-DUP1	Duplicate	01/17/23
BA30822-MS1	Matrix Spike	01/17/23
BA30822-SRM1	Reference	01/17/23

Batch ID: BA30870 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
23A0210-01	23SB-3 (0-2)	01/18/23
23A0210-02	23SB-3 (2-3)	01/18/23
23A0210-03	23SB-4 (0-2)	01/18/23
23A0210-04	23SB-4 (2-4)	01/18/23
23A0210-05	23SB-4 (4-5)	01/18/23
23A0210-06	23-Dup-1(0-2)	01/18/23
23A0210-07	23SB-5 (0-2)	01/18/23
23A0210-08	23SB-5 (2-4)	01/18/23
23A0210-09	23SB-7 (0-2)	01/18/23
23A0210-10	23SB-7 (2-4)	01/18/23
23A0210-11	23SB-7 (4-5)	01/18/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30243 - EPA 5035A											
Blank (BA30243-BLK1)											Prepared & Analyzed: 01/06/2023
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	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
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	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30243 - EPA 5035A											
Blank (BA30243-BLK1)									Prepared & Analyzed: 01/06/2023		
Methylene chloride	0.010	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.8*		*ug/L*	*50.0*		*93.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.1*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.5*	*76-130*				
Blank (BA30243-BLK2)									Prepared & Analyzed: 01/06/2023		
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	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	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	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30243 - EPA 5035A											
Blank (BA30243-BLK2)											
Prepared & Analyzed: 01/06/2023											
Bromochloromethane	ND	0.50	mg/kg wet								
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	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	1.2	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*44.5*		*ug/L*	*50.0*		*89.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.9*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*99.9*	*76-130*				

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30243 - EPA 5035A											
LCS (BA30243-BS1)								Prepared & Analyzed: 01/06/2023			
1,1,1,2-Tetrachloroethane	48.2		ug/L	50.0		96.4	75-129				
1,1,1-Trichloroethane	45.8		"	50.0		91.7	71-137				
1,1,2,2-Tetrachloroethane	49.8		"	50.0		99.7	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45.6		"	50.0		91.3	58-146				
1,1,2-Trichloroethane	47.3		"	50.0		94.7	83-123				
1,1-Dichloroethane	46.2		"	50.0		92.4	75-130				
1,1-Dichloroethylene	45.6		"	50.0		91.3	64-137				
1,2,3-Trichlorobenzene	49.6		"	50.0		99.3	81-140				
1,2,3-Trichloropropane	47.2		"	50.0		94.5	81-126				
1,2,4-Trichlorobenzene	50.8		"	50.0		102	80-141				
1,2,4-Trimethylbenzene	48.5		"	50.0		97.1	84-125				
1,2-Dibromo-3-chloropropane	46.2		"	50.0		92.3	74-142				
1,2-Dibromoethane	48.2		"	50.0		96.3	86-123				
1,2-Dichlorobenzene	49.9		"	50.0		99.8	85-122				
1,2-Dichloroethane	44.5		"	50.0		89.0	71-133				
1,2-Dichloropropane	48.9		"	50.0		97.8	81-122				
1,3,5-Trimethylbenzene	47.2		"	50.0		94.3	82-126				
1,3-Dichlorobenzene	49.9		"	50.0		99.7	84-124				
1,4-Dichlorobenzene	48.9		"	50.0		97.8	84-124				
1,4-Dioxane	1000		"	1050		95.6	10-228				
2-Butanone	45.2		"	50.0		90.4	58-147				
2-Hexanone	46.8		"	50.0		93.7	70-139				
4-Methyl-2-pentanone	46.6		"	50.0		93.2	72-132				
Acetone	34.0		"	50.0		68.0	36-155				
Acrolein	35.8		"	50.0		71.6	10-238				
Acrylonitrile	50.1		"	50.0		100	66-141				
Benzene	48.7		"	50.0		97.4	77-127				
Bromochloromethane	47.4		"	50.0		94.8	74-129				
Bromodichloromethane	46.6		"	50.0		93.2	81-124				
Bromoform	40.2		"	50.0		80.4	80-136				
Bromomethane	38.6		"	50.0		77.2	32-177				
Carbon disulfide	49.4		"	50.0		98.9	10-136				
Carbon tetrachloride	47.0		"	50.0		93.9	66-143				
Chlorobenzene	50.8		"	50.0		102	86-120				
Chloroethane	42.2		"	50.0		84.5	51-142				
Chloroform	46.3		"	50.0		92.6	76-131				
Chloromethane	26.4		"	50.0		52.7	49-132				
cis-1,2-Dichloroethylene	46.5		"	50.0		92.9	74-132				
cis-1,3-Dichloropropylene	48.1		"	50.0		96.2	81-129				
Cyclohexane	52.6		"	50.0		105	70-130				
Dibromochloromethane	41.2		"	50.0		82.5	10-200				
Dibromomethane	46.2		"	50.0		92.5	83-124				
Dichlorodifluoromethane	12.2		"	50.0		24.4	28-158	Low Bias			
Ethyl Benzene	46.8		"	50.0		93.5	84-125				
Hexachlorobutadiene	46.8		"	50.0		93.7	83-133				
Isopropylbenzene	48.5		"	50.0		96.9	81-127				
Methyl acetate	49.0		"	50.0		97.9	41-143				
Methyl tert-butyl ether (MTBE)	45.6		"	50.0		91.2	74-131				
Methylcyclohexane	45.4		"	50.0		90.8	70-130				
Methylene chloride	64.1		"	50.0		128	57-141				

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30243 - EPA 5035A											
LCS (BA30243-BS1)							Prepared & Analyzed: 01/06/2023				
n-Butylbenzene	48.3		ug/L	50.0		96.6	80-130				
n-Propylbenzene	48.3		"	50.0		96.6	74-136				
o-Xylene	47.1		"	50.0		94.2	83-123				
p- & m- Xylenes	93.4		"	100		93.4	82-128				
p-Isopropyltoluene	48.2		"	50.0		96.5	85-125				
sec-Butylbenzene	48.6		"	50.0		97.2	83-125				
Styrene	49.8		"	50.0		99.6	86-126				
tert-Butyl alcohol (TBA)	232		"	250		92.7	70-130				
tert-Butylbenzene	43.2		"	50.0		86.5	80-127				
Tetrachloroethylene	40.1		"	50.0		80.2	80-129				
Toluene	47.5		"	50.0		95.0	85-121				
trans-1,2-Dichloroethylene	47.0		"	50.0		94.0	72-132				
trans-1,3-Dichloropropylene	40.7		"	50.0		81.4	78-132				
Trichloroethylene	46.5		"	50.0		93.0	84-123				
Trichlorofluoromethane	39.1		"	50.0		78.1	62-140				
Vinyl Chloride	35.0		"	50.0		69.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*45.8*		*"*	*50.0*		*91.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.5*		*"*	*50.0*		*97.0*	*76-130*				
LCS Dup (BA30243-BSD1)							Prepared & Analyzed: 01/06/2023				
1,1,1,2-Tetrachloroethane	50.0		ug/L	50.0		100	75-129		3.69	30	
1,1,1-Trichloroethane	46.9		"	50.0		93.8	71-137		2.29	30	
1,1,2,2-Tetrachloroethane	51.6		"	50.0		103	79-129		3.45	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.4		"	50.0		92.8	58-146		1.69	30	
1,1,2-Trichloroethane	48.3		"	50.0		96.6	83-123		1.99	30	
1,1-Dichloroethane	47.0		"	50.0		93.9	75-130		1.65	30	
1,1-Dichloroethylene	46.9		"	50.0		93.8	64-137		2.74	30	
1,2,3-Trichlorobenzene	50.1		"	50.0		100	81-140		0.982	30	
1,2,3-Trichloropropane	47.3		"	50.0		94.5	81-126		0.0847	30	
1,2,4-Trichlorobenzene	50.8		"	50.0		102	80-141		0.0197	30	
1,2,4-Trimethylbenzene	48.8		"	50.0		97.7	84-125		0.637	30	
1,2-Dibromo-3-chloropropane	44.4		"	50.0		88.8	74-142		3.86	30	
1,2-Dibromoethane	49.2		"	50.0		98.3	86-123		2.06	30	
1,2-Dichlorobenzene	50.2		"	50.0		100	85-122		0.480	30	
1,2-Dichloroethane	44.4		"	50.0		88.8	71-133		0.225	30	
1,2-Dichloropropane	50.4		"	50.0		101	81-122		3.04	30	
1,3,5-Trimethylbenzene	47.6		"	50.0		95.1	82-126		0.824	30	
1,3-Dichlorobenzene	49.9		"	50.0		99.8	84-124		0.100	30	
1,4-Dichlorobenzene	49.3		"	50.0		98.6	84-124		0.815	30	
1,4-Dioxane	1060		"	1050		101	10-228		5.12	30	
2-Butanone	50.6		"	50.0		101	58-147		11.2	30	
2-Hexanone	47.8		"	50.0		95.6	70-139		2.05	30	
4-Methyl-2-pentanone	47.7		"	50.0		95.5	72-132		2.40	30	
Acetone	35.4		"	50.0		70.8	36-155		4.04	30	
Acrolein	38.0		"	50.0		76.0	10-238		5.99	30	
Acrylonitrile	51.3		"	50.0		103	66-141		2.38	30	
Benzene	49.6		"	50.0		99.2	77-127		1.85	30	
Bromochloromethane	49.2		"	50.0		98.4	74-129		3.77	30	
Bromodichloromethane	48.1		"	50.0		96.2	81-124		3.15	30	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30243 - EPA 5035A											
LCS Dup (BA30243-BSD1)								Prepared & Analyzed: 01/06/2023			
Bromoform	41.1		ug/L	50.0		82.3	80-136		2.34	30	
Bromomethane	39.7		"	50.0		79.3	32-177		2.76	30	
Carbon disulfide	50.3		"	50.0		101	10-136		1.66	30	
Carbon tetrachloride	47.9		"	50.0		95.8	66-143		2.00	30	
Chlorobenzene	51.7		"	50.0		103	86-120		1.85	30	
Chloroethane	44.0		"	50.0		88.0	51-142		4.08	30	
Chloroform	46.9		"	50.0		93.7	76-131		1.22	30	
Chloromethane	26.6		"	50.0		53.3	49-132		0.981	30	
cis-1,2-Dichloroethylene	47.0		"	50.0		94.0	74-132		1.11	30	
cis-1,3-Dichloropropylene	49.1		"	50.0		98.1	81-129		2.02	30	
Cyclohexane	54.6		"	50.0		109	70-130		3.72	30	
Dibromochloromethane	43.1		"	50.0		86.1	10-200		4.32	30	
Dibromomethane	47.6		"	50.0		95.1	83-124		2.82	30	
Dichlorodifluoromethane	12.0		"	50.0		24.0	28-158	Low Bias	1.65	30	
Ethyl Benzene	47.9		"	50.0		95.8	84-125		2.43	30	
Hexachlorobutadiene	48.1		"	50.0		96.3	83-133		2.72	30	
Isopropylbenzene	49.5		"	50.0		99.0	81-127		2.08	30	
Methyl acetate	50.1		"	50.0		100	41-143		2.38	30	
Methyl tert-butyl ether (MTBE)	46.4		"	50.0		92.7	74-131		1.68	30	
Methylcyclohexane	46.9		"	50.0		93.8	70-130		3.27	30	
Methylene chloride	65.5		"	50.0		131	57-141		2.19	30	
n-Butylbenzene	48.8		"	50.0		97.6	80-130		0.989	30	
n-Propylbenzene	49.3		"	50.0		98.5	74-136		1.99	30	
o-Xylene	48.0		"	50.0		96.1	83-123		1.95	30	
p- & m- Xylenes	96.0		"	100		96.0	82-128		2.71	30	
p-Isopropyltoluene	48.5		"	50.0		97.0	85-125		0.579	30	
sec-Butylbenzene	49.5		"	50.0		99.0	83-125		1.79	30	
Styrene	51.1		"	50.0		102	86-126		2.62	30	
tert-Butyl alcohol (TBA)	245		"	250		98.1	70-130		5.69	30	
tert-Butylbenzene	44.3		"	50.0		88.6	80-127		2.47	30	
Tetrachloroethylene	40.4		"	50.0		80.9	80-129		0.869	30	
Toluene	48.9		"	50.0		97.8	85-121		2.91	30	
trans-1,2-Dichloroethylene	47.3		"	50.0		94.7	72-132		0.678	30	
trans-1,3-Dichloropropylene	41.9		"	50.0		83.8	78-132		3.00	30	
Trichloroethylene	48.0		"	50.0		96.1	84-123		3.30	30	
Trichlorofluoromethane	39.4		"	50.0		78.8	62-140		0.867	30	
Vinyl Chloride	35.2		"	50.0		70.4	52-130		0.656	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.0*		*"*	*50.0*		*91.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.4*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30247 - EPA 5030B											
Blank (BA30247-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Prepared & Analyzed: 01/06/2023

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30247 - EPA 5030B											
Blank (BA30247-BLK1)									Prepared & Analyzed: 01/06/2023		
Methylene chloride	1.59	2.00	ug/L								
Naphthalene	0.670	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.39*		*"*	*10.0*		*93.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.79*		*"*	*10.0*		*87.9*	*79-122*				
LCS (BA30247-BS1)									Prepared & Analyzed: 01/06/2023		
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126				
1,1,1-Trichloroethane	10.7		"	10.0		107	78-136				
1,1,2,2-Tetrachloroethane	9.08		"	10.0		90.8	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.63		"	10.0		96.3	54-165				
1,1,2-Trichloroethane	9.50		"	10.0		95.0	82-123				
1,1-Dichloroethane	9.75		"	10.0		97.5	82-129				
1,1-Dichloroethylene	9.37		"	10.0		93.7	68-138				
1,2,3-Trichlorobenzene	9.30		"	10.0		93.0	76-136				
1,2,3-Trichloropropane	9.46		"	10.0		94.6	77-128				
1,2,4-Trichlorobenzene	11.6		"	10.0		116	76-137				
1,2,4-Trimethylbenzene	9.95		"	10.0		99.5	82-132				
1,2-Dibromo-3-chloropropane	7.23		"	10.0		72.3	45-147				
1,2-Dibromoethane	9.05		"	10.0		90.5	83-124				
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123				
1,2-Dichloroethane	9.88		"	10.0		98.8	73-132				
1,2-Dichloropropane	8.97		"	10.0		89.7	78-126				
1,3,5-Trimethylbenzene	9.63		"	10.0		96.3	80-131				
1,3-Dichlorobenzene	10.5		"	10.0		105	86-122				
1,3-Dichloropropane	9.06		"	10.0		90.6	81-125				
1,4-Dichlorobenzene	10.5		"	10.0		105	85-124				
1,4-Dioxane	180		"	210		85.8	10-349				
2-Butanone	8.91		"	10.0		89.1	49-152				
2-Hexanone	7.82		"	10.0		78.2	51-146				
4-Methyl-2-pentanone	6.59		"	10.0		65.9	57-145				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30247 - EPA 5030B											
LCS (BA30247-BS1)								Prepared & Analyzed: 01/06/2023			
Acetone	5.50		ug/L	10.0		55.0	14-150				
Acrolein	6.88		"	10.0		68.8	10-153				
Acrylonitrile	10.6		"	10.0		106	51-150				
Benzene	10.7		"	10.0		107	85-126				
Bromochloromethane	10.3		"	10.0		103	77-128				
Bromodichloromethane	9.06		"	10.0		90.6	79-128				
Bromoform	11.6		"	10.0		116	78-133				
Bromomethane	6.75		"	10.0		67.5	43-168				
Carbon disulfide	9.85		"	10.0		98.5	68-146				
Carbon tetrachloride	10.5		"	10.0		105	77-141				
Chlorobenzene	10.5		"	10.0		105	88-120				
Chloroethane	9.21		"	10.0		92.1	65-136				
Chloroform	10.4		"	10.0		104	82-128				
Chloromethane	5.34		"	10.0		53.4	43-155				
cis-1,2-Dichloroethylene	9.97		"	10.0		99.7	83-129				
cis-1,3-Dichloropropylene	8.99		"	10.0		89.9	80-131				
Cyclohexane	8.97		"	10.0		89.7	63-149				
Dibromochloromethane	10.0		"	10.0		100	80-130				
Dibromomethane	9.57		"	10.0		95.7	72-134				
Dichlorodifluoromethane	3.22		"	10.0		32.2	44-144	Low Bias			
Ethyl Benzene	9.36		"	10.0		93.6	80-131				
Hexachlorobutadiene	13.3		"	10.0		133	67-146				
Isopropylbenzene	9.39		"	10.0		93.9	76-140				
Methyl acetate	9.48		"	10.0		94.8	51-139				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135				
Methylcyclohexane	8.55		"	10.0		85.5	72-143				
Methylene chloride	11.6		"	10.0		116	55-137				
Naphthalene	9.93		"	10.0		99.3	70-147				
n-Butylbenzene	10.9		"	10.0		109	79-132				
n-Propylbenzene	9.20		"	10.0		92.0	78-133				
o-Xylene	9.57		"	10.0		95.7	78-130				
p- & m- Xylenes	18.9		"	20.0		94.6	77-133				
p-Diethylbenzene	11.5		"	10.0		115	84-134				
p-Ethyltoluene	9.87		"	10.0		98.7	88-129				
p-Isopropyltoluene	11.0		"	10.0		110	81-136				
sec-Butylbenzene	9.98		"	10.0		99.8	79-137				
Styrene	10.3		"	10.0		103	67-132				
tert-Butyl alcohol (TBA)	54.1		"	50.0		108	25-162				
tert-Butylbenzene	9.69		"	10.0		96.9	77-138				
Tetrachloroethylene	8.05		"	10.0		80.5	82-131	Low Bias			
Toluene	9.36		"	10.0		93.6	80-127				
trans-1,2-Dichloroethylene	9.65		"	10.0		96.5	80-132				
trans-1,3-Dichloropropylene	8.75		"	10.0		87.5	78-131				
Trichloroethylene	9.05		"	10.0		90.5	82-128				
Trichlorofluoromethane	9.32		"	20.0		46.6	67-139	Low Bias			
Vinyl Chloride	6.88		"	10.0		68.8	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.45*		*"*	*10.0*		*94.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.90*		*"*	*10.0*		*89.0*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30247 - EPA 5030B											
LCS Dup (BA30247-BSD1)							Prepared & Analyzed: 01/06/2023				
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82-126		2.07	30	
1,1,1-Trichloroethane	10.3		"	10.0		103	78-136		4.10	30	
1,1,2,2-Tetrachloroethane	9.60		"	10.0		96.0	76-129		5.57	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.46		"	10.0		94.6	54-165		1.78	30	
1,1,2-Trichloroethane	9.91		"	10.0		99.1	82-123		4.22	30	
1,1-Dichloroethane	9.59		"	10.0		95.9	82-129		1.65	30	
1,1-Dichloroethylene	8.97		"	10.0		89.7	68-138		4.36	30	
1,2,3-Trichlorobenzene	10.9		"	10.0		109	76-136		15.5	30	
1,2,3-Trichloropropane	10.3		"	10.0		103	77-128		8.11	30	
1,2,4-Trichlorobenzene	11.9		"	10.0		119	76-137		2.56	30	
1,2,4-Trimethylbenzene	9.49		"	10.0		94.9	82-132		4.73	30	
1,2-Dibromo-3-chloropropane	9.17		"	10.0		91.7	45-147		23.7	30	
1,2-Dibromoethane	9.89		"	10.0		98.9	83-124		8.87	30	
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123		1.88	30	
1,2-Dichloroethane	10.4		"	10.0		104	73-132		4.84	30	
1,2-Dichloropropane	8.78		"	10.0		87.8	78-126		2.14	30	
1,3,5-Trimethylbenzene	9.07		"	10.0		90.7	80-131		5.99	30	
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122		1.83	30	
1,3-Dichloropropane	9.53		"	10.0		95.3	81-125		5.06	30	
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124		2.99	30	
1,4-Dioxane	163		"	210		77.4	10-349		10.3	30	
2-Butanone	6.07		"	10.0		60.7	49-152		37.9	30	Non-dir.
2-Hexanone	8.43		"	10.0		84.3	51-146		7.51	30	
4-Methyl-2-pentanone	7.07		"	10.0		70.7	57-145		7.03	30	
Acetone	5.55		"	10.0		55.5	14-150		0.905	30	
Acrolein	6.95		"	10.0		69.5	10-153		1.01	30	
Acrylonitrile	11.7		"	10.0		117	51-150		9.75	30	
Benzene	10.3		"	10.0		103	85-126		3.53	30	
Bromochloromethane	10.6		"	10.0		106	77-128		2.40	30	
Bromodichloromethane	8.85		"	10.0		88.5	79-128		2.35	30	
Bromoform	12.1		"	10.0		121	78-133		4.46	30	
Bromomethane	5.41		"	10.0		54.1	43-168		22.0	30	
Carbon disulfide	9.49		"	10.0		94.9	68-146		3.72	30	
Carbon tetrachloride	10.2		"	10.0		102	77-141		3.68	30	
Chlorobenzene	10.2		"	10.0		102	88-120		3.19	30	
Chloroethane	8.61		"	10.0		86.1	65-136		6.73	30	
Chloroform	10.3		"	10.0		103	82-128		0.675	30	
Chloromethane	5.06		"	10.0		50.6	43-155		5.38	30	
cis-1,2-Dichloroethylene	9.85		"	10.0		98.5	83-129		1.21	30	
cis-1,3-Dichloropropylene	8.75		"	10.0		87.5	80-131		2.71	30	
Cyclohexane	8.49		"	10.0		84.9	63-149		5.50	30	
Dibromochloromethane	10.5		"	10.0		105	80-130		4.86	30	
Dibromomethane	9.66		"	10.0		96.6	72-134		0.936	30	
Dichlorodifluoromethane	2.98		"	10.0		29.8	44-144	Low Bias	7.74	30	
Ethyl Benzene	8.86		"	10.0		88.6	80-131		5.49	30	
Hexachlorobutadiene	13.4		"	10.0		134	67-146		1.05	30	
Isopropylbenzene	8.82		"	10.0		88.2	76-140		6.26	30	
Methyl acetate	10.2		"	10.0		102	51-139		7.51	30	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	76-135		8.64	30	
Methylcyclohexane	7.89		"	10.0		78.9	72-143		8.03	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30247 - EPA 5030B											
LCS Dup (BA30247-BSD1)								Prepared & Analyzed: 01/06/2023			
Methylene chloride	12.7		ug/L	10.0		127	55-137		8.74	30	
Naphthalene	11.1		"	10.0		111	70-147		10.9	30	
n-Butylbenzene	10.3		"	10.0		103	79-132		5.48	30	
n-Propylbenzene	8.74		"	10.0		87.4	78-133		5.13	30	
o-Xylene	9.21		"	10.0		92.1	78-130		3.83	30	
p- & m- Xylenes	17.9		"	20.0		89.7	77-133		5.26	30	
p-Diethylbenzene	10.8		"	10.0		108	84-134		5.56	30	
p-Ethyltoluene	9.30		"	10.0		93.0	88-129		5.95	30	
p-Isopropyltoluene	10.3		"	10.0		103	81-136		6.09	30	
sec-Butylbenzene	9.64		"	10.0		96.4	79-137		3.47	30	
Styrene	10.0		"	10.0		100	67-132		2.65	30	
tert-Butyl alcohol (TBA)	57.8		"	50.0		116	25-162		6.65	30	
tert-Butylbenzene	9.14		"	10.0		91.4	77-138		5.84	30	
Tetrachloroethylene	7.84		"	10.0		78.4	82-131	Low Bias	2.64	30	
Toluene	8.76		"	10.0		87.6	80-127		6.62	30	
trans-1,2-Dichloroethylene	9.47		"	10.0		94.7	80-132		1.88	30	
trans-1,3-Dichloropropylene	8.73		"	10.0		87.3	78-131		0.229	30	
Trichloroethylene	8.55		"	10.0		85.5	82-128		5.68	30	
Trichlorofluoromethane	8.64		"	20.0		43.2	67-139	Low Bias	7.57	30	
Vinyl Chloride	6.41		"	10.0		64.1	58-145		7.07	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.36*		*"*	*10.0*		*93.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.72*		*"*	*10.0*		*87.2*	*79-122*				
Matrix Spike (BA30247-MS1)	*Source sample: 23A0146-03 (Matrix Spike)							Prepared & Analyzed: 01/06/2023			
1,1,1,2-Tetrachloroethane	16.8		ug/L	10.0	0.00	168	45-161	High Bias			
1,1,1-Trichloroethane	18.8		"	10.0	0.00	188	70-146	High Bias			
1,1,2,2-Tetrachloroethane	14.4		"	10.0	0.00	144	74-121	High Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	15.8		"	10.0	0.00	158	21-217				
1,1,2-Trichloroethane	15.5		"	10.0	0.00	155	59-146	High Bias			
1,1-Dichloroethane	16.8		"	10.0	0.00	168	54-146	High Bias			
1,1-Dichloroethylene	16.8		"	10.0	0.00	168	44-165	High Bias			
1,2,3-Trichlorobenzene	12.1		"	10.0	0.00	121	40-161				
1,2,3-Trichloropropane	14.7		"	10.0	0.00	147	74-127	High Bias			
1,2,4-Trichlorobenzene	13.6		"	10.0	0.00	136	41-161				
1,2,4-Trimethylbenzene	13.8		"	10.0	0.00	138	72-129	High Bias			
1,2-Dibromo-3-chloropropane	13.1		"	10.0	0.00	131	31-151				
1,2-Dibromoethane	15.8		"	10.0	0.00	158	75-125	High Bias			
1,2-Dichlorobenzene	14.5		"	10.0	0.00	145	63-122	High Bias			
1,2-Dichloroethane	16.8		"	10.0	0.00	168	68-131	High Bias			
1,2-Dichloropropane	15.0		"	10.0	0.00	150	77-121	High Bias			
1,3,5-Trimethylbenzene	13.4		"	10.0	0.00	134	69-126	High Bias			
1,3-Dichlorobenzene	14.5		"	10.0	0.00	145	74-119	High Bias			
1,3-Dichloropropane	14.9		"	10.0	0.00	149	77-119	High Bias			
1,4-Dichlorobenzene	14.5		"	10.0	0.00	145	70-124	High Bias			
1,4-Dioxane	6.35		"	210	0.00	3.02	10-310	Low Bias			
2-Butanone	14.6		"	10.0	0.00	146	10-193				
2-Hexanone	12.5		"	10.0	0.00	125	53-133				
4-Methyl-2-pentanone	10.6		"	10.0	0.00	106	38-150				
Acetone	8.04		"	10.0	0.00	80.4	13-149				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30247 - EPA 5030B											
Matrix Spike (BA30247-MS1)	*Source sample: 23A0146-03 (Matrix Spike)							Prepared & Analyzed: 01/06/2023			
Acrolein	9.82		ug/L	10.0	0.00	98.2	10-195				
Acrylonitrile	17.5		"	10.0	0.00	175	37-165	High Bias			
Benzene	17.9		"	10.0	0.00	179	38-155	High Bias			
Bromochloromethane	17.4		"	10.0	0.00	174	75-121	High Bias			
Bromodichloromethane	15.0		"	10.0	0.230	148	70-129	High Bias			
Bromoform	18.7		"	10.0	0.00	187	66-136	High Bias			
Bromomethane	7.61		"	10.0	0.00	76.1	30-158				
Carbon disulfide	16.5		"	10.0	0.00	165	10-138	High Bias			
Carbon tetrachloride	18.7		"	10.0	0.00	187	71-146	High Bias			
Chlorobenzene	16.2		"	10.0	0.00	162	81-117	High Bias			
Chloroethane	14.1		"	10.0	0.00	141	51-145				
Chloroform	20.6		"	10.0	3.13	175	80-124	High Bias			
Chloromethane	8.41		"	10.0	0.00	84.1	16-163				
cis-1,2-Dichloroethylene	17.1		"	10.0	0.790	163	76-125	High Bias			
cis-1,3-Dichloropropylene	14.2		"	10.0	0.00	142	58-131	High Bias			
Cyclohexane	14.7		"	10.0	0.00	147	70-130	High Bias			
Dibromochloromethane	16.5		"	10.0	0.00	165	71-129	High Bias			
Dibromomethane	15.7		"	10.0	0.00	157	76-120	High Bias			
Dichlorodifluoromethane	5.27		"	10.0	0.00	52.7	30-147				
Ethyl Benzene	14.4		"	10.0	0.00	144	72-128	High Bias			
Hexachlorobutadiene	16.0		"	10.0	0.00	160	34-166				
Isopropylbenzene	13.9		"	10.0	0.00	139	66-139				
Methyl acetate	16.1		"	10.0	0.00	161	10-200				
Methyl tert-butyl ether (MTBE)	17.4		"	10.0	0.00	174	75-128	High Bias			
Methylcyclohexane	12.1		"	10.0	0.00	121	70-130				
Methylene chloride	15.5		"	10.0	0.00	155	57-128	High Bias			
Naphthalene	12.9		"	10.0	0.00	129	39-158				
n-Butylbenzene	13.3		"	10.0	0.00	133	61-138				
n-Propylbenzene	12.9		"	10.0	0.00	129	66-134				
o-Xylene	14.8		"	10.0	0.00	148	69-126	High Bias			
p- & m- Xylenes	28.2		"	20.0	0.00	141	67-130	High Bias			
p-Diethylbenzene	14.4		"	10.0	0.00	144	52-150				
p-Ethyltoluene	13.6		"	10.0	0.00	136	76-127	High Bias			
p-Isopropyltoluene	14.6		"	10.0	0.00	146	64-137	High Bias			
sec-Butylbenzene	14.1		"	10.0	0.00	141	53-155				
Styrene	15.8		"	10.0	0.00	158	69-125	High Bias			
tert-Butyl alcohol (TBA)	83.8		"	50.0	0.00	168	10-130	High Bias			
tert-Butylbenzene	14.1		"	10.0	0.00	141	65-139	High Bias			
Tetrachloroethylene	18.0		"	10.0	5.31	127	64-139				
Toluene	14.9		"	10.0	0.00	149	76-123	High Bias			
trans-1,2-Dichloroethylene	16.1		"	10.0	0.00	161	79-131	High Bias			
trans-1,3-Dichloropropylene	13.9		"	10.0	0.00	139	55-130	High Bias			
Trichloroethylene	17.6		"	10.0	3.09	146	53-145	High Bias			
Trichlorofluoromethane	16.2		"	20.0	0.00	81.0	61-142				
Vinyl Chloride	12.4		"	10.0	0.00	124	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.41*		*"*	*10.0*		*94.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.79*		*"*	*10.0*		*87.9*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30247 - EPA 5030B											
Matrix Spike Dup (BA30247-MSD1)	*Source sample: 23A0146-03 (Matrix Spike Dup)								Prepared & Analyzed: 01/06/2023		
1,1,1,2-Tetrachloroethane	15.5		ug/L	10.0	0.00	155	45-161		7.80	30	
1,1,1-Trichloroethane	17.6		"	10.0	0.00	176	70-146	High Bias	6.65	30	
1,1,2,2-Tetrachloroethane	13.4		"	10.0	0.00	134	74-121	High Bias	7.10	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.5		"	10.0	0.00	135	21-217		15.4	30	
1,1,2-Trichloroethane	14.1		"	10.0	0.00	141	59-146		9.05	30	
1,1-Dichloroethane	15.7		"	10.0	0.00	157	54-146	High Bias	6.52	30	
1,1-Dichloroethylene	15.2		"	10.0	0.00	152	44-165		10.0	30	
1,2,3-Trichlorobenzene	11.1		"	10.0	0.00	111	40-161		9.04	30	
1,2,3-Trichloropropane	15.1		"	10.0	0.00	151	74-127	High Bias	2.55	30	
1,2,4-Trichlorobenzene	12.1		"	10.0	0.00	121	41-161		11.0	30	
1,2,4-Trimethylbenzene	12.7		"	10.0	0.00	127	72-129		8.22	30	
1,2-Dibromo-3-chloropropane	12.5		"	10.0	0.00	125	31-151		4.68	30	
1,2-Dibromoethane	14.6		"	10.0	0.00	146	75-125	High Bias	8.01	30	
1,2-Dichlorobenzene	13.2		"	10.0	0.00	132	63-122	High Bias	9.89	30	
1,2-Dichloroethane	0.850		"	10.0	0.00	8.50	68-131	Low Bias	181	30	Non-dir.
1,2-Dichloropropane	14.1		"	10.0	0.00	141	77-121	High Bias	6.17	30	
1,3,5-Trimethylbenzene	12.2		"	10.0	0.00	122	69-126		9.67	30	
1,3-Dichlorobenzene	13.1		"	10.0	0.00	131	74-119	High Bias	10.2	30	
1,3-Dichloropropane	13.9		"	10.0	0.00	139	77-119	High Bias	7.00	30	
1,4-Dichlorobenzene	13.0		"	10.0	0.00	130	70-124	High Bias	11.0	30	
1,4-Dioxane	247		"	210	0.00	118	10-310			30	
2-Butanone	13.3		"	10.0	0.00	133	10-193		8.96	30	
2-Hexanone	11.5		"	10.0	0.00	115	53-133		8.83	30	
4-Methyl-2-pentanone	9.46		"	10.0	0.00	94.6	38-150		11.6	30	
Acetone	8.18		"	10.0	0.00	81.8	13-149		1.73	30	
Acrolein	11.5		"	10.0	0.00	115	10-195		15.4	30	
Acrylonitrile	16.4		"	10.0	0.00	164	37-165		6.48	30	
Benzene	16.6		"	10.0	0.00	166	38-155	High Bias	7.70	30	
Bromochloromethane	16.3		"	10.0	0.00	163	75-121	High Bias	6.47	30	
Bromodichloromethane	14.0		"	10.0	0.230	138	70-129	High Bias	6.89	30	
Bromoform	17.6		"	10.0	0.00	176	66-136	High Bias	6.05	30	
Bromomethane	9.84		"	10.0	0.00	98.4	30-158		25.6	30	
Carbon disulfide	15.0		"	10.0	0.00	150	10-138	High Bias	9.40	30	
Carbon tetrachloride	17.6		"	10.0	0.00	176	71-146	High Bias	6.39	30	
Chlorobenzene	15.1		"	10.0	0.00	151	81-117	High Bias	6.95	30	
Chloroethane	15.0		"	10.0	0.00	150	51-145	High Bias	6.19	30	
Chloroform	19.5		"	10.0	3.13	164	80-124	High Bias	5.57	30	
Chloromethane	8.01		"	10.0	0.00	80.1	16-163		4.87	30	
cis-1,2-Dichloroethylene	16.2		"	10.0	0.790	154	76-125	High Bias	5.35	30	
cis-1,3-Dichloropropylene	13.0		"	10.0	0.00	130	58-131		8.94	30	
Cyclohexane	12.9		"	10.0	0.00	129	70-130		13.0	30	
Dibromochloromethane	15.6		"	10.0	0.00	156	71-129	High Bias	5.66	30	
Dibromomethane	14.0		"	10.0	0.00	140	76-120	High Bias	11.2	30	
Dichlorodifluoromethane	4.50		"	10.0	0.00	45.0	30-147		15.8	30	
Ethyl Benzene	13.2		"	10.0	0.00	132	72-128	High Bias	8.90	30	
Hexachlorobutadiene	15.3		"	10.0	0.00	153	34-166		4.48	30	
Isopropylbenzene	12.8		"	10.0	0.00	128	66-139		8.30	30	
Methyl acetate	14.5		"	10.0	0.00	145	10-200		10.7	30	
Methyl tert-butyl ether (MTBE)	15.8		"	10.0	0.00	158	75-128	High Bias	9.94	30	
Methylcyclohexane	10.2		"	10.0	0.00	102	70-130		16.7	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30247 - EPA 5030B											
Matrix Spike Dup (BA30247-MSD1)	*Source sample: 23A0146-03 (Matrix Spike Dup)								Prepared & Analyzed: 01/06/2023		
Methylene chloride	14.2		ug/L	10.0	0.00	142	57-128	High Bias	8.67	30	
Naphthalene	11.7		"	10.0	0.00	117	39-158		10.3	30	
n-Butylbenzene	11.4		"	10.0	0.00	114	61-138		15.1	30	
n-Propylbenzene	11.5		"	10.0	0.00	115	66-134		11.0	30	
o-Xylene	13.6		"	10.0	0.00	136	69-126	High Bias	8.55	30	
p- & m- Xylenes	25.7		"	20.0	0.00	129	67-130		9.26	30	
p-Diethylbenzene	12.4		"	10.0	0.00	124	52-150		14.8	30	
p-Ethyltoluene	12.1		"	10.0	0.00	121	76-127		12.0	30	
p-Isopropyltoluene	13.0		"	10.0	0.00	130	64-137		11.3	30	
sec-Butylbenzene	12.6		"	10.0	0.00	126	53-155		11.4	30	
Styrene	14.6		"	10.0	0.00	146	69-125	High Bias	7.97	30	
tert-Butyl alcohol (TBA)	79.8		"	50.0	0.00	160	10-130	High Bias	4.89	30	
tert-Butylbenzene	13.0		"	10.0	0.00	130	65-139		8.57	30	
Tetrachloroethylene	16.3		"	10.0	5.31	110	64-139		10.1	30	
Toluene	13.8		"	10.0	0.00	138	76-123	High Bias	7.39	30	
trans-1,2-Dichloroethylene	14.9		"	10.0	0.00	149	79-131	High Bias	7.95	30	
trans-1,3-Dichloropropylene	12.8		"	10.0	0.00	128	55-130		7.86	30	
Trichloroethylene	16.5		"	10.0	3.09	134	53-145		6.74	30	
Trichlorofluoromethane	14.7		"	20.0	0.00	73.4	61-142		9.78	30	
Vinyl Chloride	12.0		"	10.0	0.00	120	31-165		3.60	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.35*		*"*	*10.0*		*93.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*8.87*		*"*	*10.0*		*88.7*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30228 - EPA 3510C											
Blank (BA30228-BLK1)											
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	*13.3*		*"*	*50.0*		*26.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*7.04*		*"*	*50.0*		*14.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*17.0*		*"*	*25.0*		*68.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.4*		*"*	*25.0*		*53.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*35.4*		*"*	*50.0*		*70.7*	*39.3-151*				

Prepared: 01/06/2023 Analyzed: 01/09/2023

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30228 - EPA 3510C											
Blank (BA30228-BLK1)											Prepared: 01/06/2023 Analyzed: 01/09/2023
Surrogate: SURR: Terphenyl-d14	*15.7*		*ug/L*	*25.0*		*62.7*	*30.7-106*				
Blank (BA30228-BLK2)											Prepared: 01/06/2023 Analyzed: 01/09/2023
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	*0.00*		*"*	*50.0*			*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*0.00*		*"*	*50.0*			*10.1-41.7*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30228 - EPA 3510C											
Blank (BA30228-BLK2)								Prepared: 01/06/2023 Analyzed: 01/09/2023			
Surrogate: SURR: Nitrobenzene-d5	*0.00*		*ug/L*	*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 (BA30228-BS1)								Prepared: 01/06/2023 Analyzed: 01/09/2023			
1,1-Biphenyl	13.8	5.00	ug/L	25.0		55.2	33-95				
1,2,4,5-Tetrachlorobenzene	13.9	5.00	"	25.0		55.5	26-120				
2,3,4,6-Tetrachlorophenol	18.0	5.00	"	25.0		72.0	30-130				
2,4,5-Trichlorophenol	17.5	5.00	"	25.0		70.0	32-114				
2,4,6-Trichlorophenol	15.7	5.00	"	25.0		62.7	35-118				
2,4-Dichlorophenol	16.7	5.00	"	25.0		67.0	25-116				
2,4-Dimethylphenol	16.3	5.00	"	25.0		65.1	15-116				
2,4-Dinitrophenol	34.8	5.00	"	25.0		139	10-170				
2,4-Dinitrotoluene	37.5	5.00	"	25.0		150	41-128	High Bias			
2,6-Dinitrotoluene	32.5	5.00	"	25.0		130	45-116	High Bias			
2-Chloronaphthalene	14.8	5.00	"	25.0		59.0	33-112				
2-Chlorophenol	14.2	5.00	"	25.0		56.9	15-120				
2-Methylnaphthalene	16.3	5.00	"	25.0		65.3	24-118				
2-Methylphenol	12.6	5.00	"	25.0		50.2	10-110				
2-Nitroaniline	25.0	5.00	"	25.0		100	34-129				
2-Nitrophenol	23.8	5.00	"	25.0		95.0	28-118				
3- & 4-Methylphenols	9.63	5.00	"	25.0		38.5	10-107				
3,3-Dichlorobenzidine	12.3	5.00	"	25.0		49.3	15-187				
3-Nitroaniline	23.8	5.00	"	25.0		95.1	24-134				
4,6-Dinitro-2-methylphenol	43.2	5.00	"	25.0		173	10-153	High Bias			
4-Bromophenyl phenyl ether	16.0	5.00	"	25.0		63.8	34-120				
4-Chloro-3-methylphenol	17.3	5.00	"	25.0		69.1	20-120				
4-Chloroaniline	14.7	5.00	"	25.0		58.9	10-147				
4-Chlorophenyl phenyl ether	16.4	5.00	"	25.0		65.4	27-121				
4-Nitroaniline	24.4	5.00	"	25.0		97.5	13-134				
4-Nitrophenol	6.85	5.00	"	25.0		27.4	10-131				
Acetophenone	14.2	5.00	"	25.0		56.8	25-110				
Benzaldehyde	13.9	5.00	"	25.0		55.8	29-117				
Benzyl butyl phthalate	14.9	5.00	"	25.0		59.5	29-133				
Bis(2-chloroethoxy)methane	15.7	5.00	"	25.0		62.9	10-154				
Bis(2-chloroethyl)ether	12.2	5.00	"	25.0		48.6	17-125				
Bis(2-chloroisopropyl)ether	14.6	5.00	"	25.0		58.4	10-139				
Caprolactam	2.75	5.00	"	25.0		11.0	10-137				
Carbazole	17.1	5.00	"	25.0		68.2	42-126				
Dibenzofuran	16.0	5.00	"	25.0		64.1	36-113				
Diethyl phthalate	16.2	5.00	"	25.0		65.0	38-115				
Dimethyl phthalate	16.3	5.00	"	25.0		65.3	38-129				
Di-n-butyl phthalate	16.2	5.00	"	25.0		64.9	31-120				
Di-n-octyl phthalate	16.1	5.00	"	25.0		64.3	21-149				
Hexachlorocyclopentadiene	9.47	10.0	"	25.0		37.9	10-130				
Isophorone	16.3	5.00	"	25.0		65.3	25-127				
N-nitroso-di-n-propylamine	14.7	5.00	"	25.0		58.9	26-122				
N-Nitrosodiphenylamine	17.7	5.00	"	25.0		70.8	23-149				
Phenol	6.43	5.00	"	25.0		25.7	10-110				
Pyridine	3.20	5.00	"	25.5		12.5	10-90				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30228 - EPA 3510C											
LCS (BA30228-BS1)								Prepared: 01/06/2023 Analyzed: 01/09/2023			
Surrogate: SURR: 2-Fluorophenol	*16.6*		*ug/L*	*50.0*		*33.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*9.98*		*"*	*50.0*		*20.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*20.4*		*"*	*25.0*		*81.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.6*		*"*	*25.0*		*62.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*42.3*		*"*	*50.0*		*84.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.2*		*"*	*25.0*		*68.8*	*30.7-106*				
LCS (BA30228-BS2)								Prepared: 01/06/2023 Analyzed: 01/09/2023			
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			
Acetophenone	ND	5.00	"				25-110				
Benzaldehyde	ND	5.00	"				29-117				
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			
Caprolactam	ND	5.00	"				10-137				
Carbazole	ND	5.00	"	1.00			42-126	Low Bias			
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			
Hexachlorocyclopentadiene	ND	10.0	"	1.00			10-130	Low Bias			
Isophorone	ND	5.00	"	1.00			25-127	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			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30228 - EPA 3510C											
LCS (BA30228-BS2)								Prepared: 01/06/2023 Analyzed: 01/09/2023			
Phenol	ND	5.00	ug/L	1.00			10-110	Low Bias			
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 (BA30228-BSD1)								Prepared: 01/06/2023 Analyzed: 01/09/2023			
1,1-Biphenyl	15.9	5.00	ug/L	25.0		63.6	33-95		14.0	20	
1,2,4,5-Tetrachlorobenzene	16.6	5.00	"	25.0		66.5	26-120		18.1	20	
2,3,4,6-Tetrachlorophenol	20.8	5.00	"	25.0		83.2	30-130		14.5	20	
2,4,5-Trichlorophenol	20.6	5.00	"	25.0		82.5	32-114		16.4	20	
2,4,6-Trichlorophenol	18.6	5.00	"	25.0		74.6	35-118		17.2	20	
2,4-Dichlorophenol	19.9	5.00	"	25.0		79.7	25-116		17.3	20	
2,4-Dimethylphenol	19.0	5.00	"	25.0		75.8	15-116		15.3	20	
2,4-Dinitrophenol	48.2	5.00	"	25.0		193	10-170	High Bias	32.3	20	Non-dir.
2,4-Dinitrotoluene	43.2	5.00	"	25.0		173	41-128	High Bias	14.2	20	
2,6-Dinitrotoluene	38.0	5.00	"	25.0		152	45-116	High Bias	15.6	20	
2-Chloronaphthalene	17.1	5.00	"	25.0		68.4	33-112		14.7	20	
2-Chlorophenol	16.4	5.00	"	25.0		65.7	15-120		14.4	20	
2-Methylnaphthalene	19.0	5.00	"	25.0		75.9	24-118		15.0	20	
2-Methylphenol	14.7	5.00	"	25.0		58.8	10-110		15.7	20	
2-Nitroaniline	29.7	5.00	"	25.0		119	34-129		17.0	20	
2-Nitrophenol	29.1	5.00	"	25.0		116	28-118		20.2	20	Non-dir.
3- & 4-Methylphenols	11.7	5.00	"	25.0		46.9	10-107		19.6	20	
3,3-Dichlorobenzidine	14.1	5.00	"	25.0		56.4	15-187		13.3	20	
3-Nitroaniline	26.7	5.00	"	25.0		107	24-134		11.7	20	
4,6-Dinitro-2-methylphenol	57.1	5.00	"	25.0		228	10-153	High Bias	27.6	20	Non-dir.
4-Bromophenyl phenyl ether	18.8	5.00	"	25.0		75.4	34-120		16.6	20	
4-Chloro-3-methylphenol	20.1	5.00	"	25.0		80.5	20-120		15.2	20	
4-Chloroaniline	15.6	5.00	"	25.0		62.4	10-147		5.80	20	
4-Chlorophenyl phenyl ether	18.8	5.00	"	25.0		75.2	27-121		13.9	20	
4-Nitroaniline	28.2	5.00	"	25.0		113	13-134		14.5	20	
4-Nitrophenol	9.76	5.00	"	25.0		39.0	10-131		35.0	20	Non-dir.
Acetophenone	15.7	5.00	"	25.0		62.9	25-110		10.2	20	
Benzaldehyde	15.6	5.00	"	25.0		62.6	29-117		11.6	20	
Benzyl butyl phthalate	17.3	5.00	"	25.0		69.3	29-133		15.2	20	
Bis(2-chloroethoxy)methane	18.6	5.00	"	25.0		74.2	10-154		16.5	20	
Bis(2-chloroethyl)ether	13.3	5.00	"	25.0		53.1	17-125		8.73	20	
Bis(2-chloroisopropyl)ether	16.8	5.00	"	25.0		67.1	10-139		14.0	20	
Caprolactam	3.15	5.00	"	25.0		12.6	10-137		13.6	20	
Carbazole	20.0	5.00	"	25.0		80.0	42-126		15.8	20	
Dibenzofuran	18.4	5.00	"	25.0		73.8	36-113		14.1	20	
Diethyl phthalate	18.7	5.00	"	25.0		74.8	38-115		14.1	20	
Dimethyl phthalate	19.0	5.00	"	25.0		75.8	38-129		14.9	20	
Di-n-butyl phthalate	19.0	5.00	"	25.0		76.0	31-120		15.8	20	
Di-n-octyl phthalate	18.5	5.00	"	25.0		73.9	21-149		13.9	20	
Hexachlorocyclopentadiene	11.5	10.0	"	25.0		46.0	10-130		19.4	20	
Isophorone	19.2	5.00	"	25.0		76.9	25-127		16.3	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30228 - EPA 3510C											
LCS Dup (BA30228-BSD1)									Prepared: 01/06/2023 Analyzed: 01/09/2023		
N-nitroso-di-n-propylamine	17.0	5.00	ug/L	25.0		67.9	26-122		14.3	20	
N-Nitrosodiphenylamine	21.0	5.00	"	25.0		83.9	23-149		17.0	20	
Phenol	7.48	5.00	"	25.0		29.9	10-110		15.1	20	
Pyridine	4.07	5.00	"	25.5		16.0	10-90		23.9	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*16.6*		*"*	*50.0*		*33.1*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*10.1*		*"*	*50.0*		*20.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*20.5*		*"*	*25.0*		*81.9*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.6*		*"*	*25.0*		*62.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*42.1*		*"*	*50.0*		*84.3*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.0*		*"*	*25.0*		*67.8*	*30.7-106*				
Batch BA30312 - EPA 3550C											
Blank (BA30312-BLK1)									Prepared & Analyzed: 01/09/2023		
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30312 - EPA 3550C											
Blank (BA30312-BLK1)											Prepared & Analyzed: 01/09/2023
Benzaldehyde	ND	0.0417	mg/kg wet								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Surrogate: SURR: 2-Fluorophenol	*0.702*		"	*1.67*		*42.1*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.720*		"	*1.67*		*43.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.262*		"	*0.833*		*31.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.385*		"	*0.833*		*46.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.774*		"	*1.67*		*46.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.493*		"	*0.833*		*59.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30312 - EPA 3550C											
LCS (BA30312-BS1)								Prepared: 01/09/2023 Analyzed: 01/10/2023			
1,1-Biphenyl	0.506	0.0417	mg/kg wet	0.833		60.7	18-111				
1,2,4,5-Tetrachlorobenzene	0.486	0.0833	"	0.833		58.4	21-131				
1,2,4-Trichlorobenzene	0.466	0.0417	"	0.833		55.9	10-140				
1,2-Dichlorobenzene	0.430	0.0417	"	0.833		51.6	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.501	0.0417	"	0.833		60.1	17-137				
1,3-Dichlorobenzene	0.431	0.0417	"	0.833		51.8	33-110				
1,4-Dichlorobenzene	0.436	0.0417	"	0.833		52.4	32-104				
2,3,4,6-Tetrachlorophenol	0.576	0.0833	"	0.833		69.2	30-130				
2,4,5-Trichlorophenol	0.517	0.0417	"	0.833		62.1	27-118				
2,4,6-Trichlorophenol	0.515	0.0417	"	0.833		61.8	31-120				
2,4-Dichlorophenol	0.495	0.0417	"	0.833		59.4	20-127				
2,4-Dimethylphenol	0.527	0.0417	"	0.833		63.2	14-132				
2,4-Dinitrophenol	0.229	0.0833	"	0.833		27.5	10-171				
2,4-Dinitrotoluene	0.566	0.0417	"	0.833		67.9	34-131				
2,6-Dinitrotoluene	0.579	0.0417	"	0.833		69.5	31-128				
2-Chloronaphthalene	0.479	0.0417	"	0.833		57.5	31-117				
2-Chlorophenol	0.447	0.0417	"	0.833		53.6	33-113				
2-Methylnaphthalene	0.486	0.0417	"	0.833		58.3	12-138				
2-Methylphenol	0.467	0.0417	"	0.833		56.0	10-136				
2-Nitroaniline	0.541	0.0833	"	0.833		64.9	27-132				
2-Nitrophenol	0.494	0.0417	"	0.833		59.3	17-129				
3- & 4-Methylphenols	0.419	0.0417	"	0.833		50.3	29-103				
3,3-Dichlorobenzidine	0.438	0.0417	"	0.833		52.6	22-149				
3-Nitroaniline	0.432	0.0833	"	0.833		51.8	20-133				
4,6-Dinitro-2-methylphenol	0.637	0.0833	"	0.833		76.5	10-143				
4-Bromophenyl phenyl ether	0.513	0.0417	"	0.833		61.5	29-120				
4-Chloro-3-methylphenol	0.520	0.0417	"	0.833		62.4	24-129				
4-Chloroaniline	0.233	0.0417	"	0.833		27.9	10-132				
4-Chlorophenyl phenyl ether	0.508	0.0417	"	0.833		61.0	27-124				
4-Nitroaniline	0.504	0.0833	"	0.833		60.5	16-128				
4-Nitrophenol	0.530	0.0833	"	0.833		63.6	10-141				
Acenaphthene	0.497	0.0417	"	0.833		59.7	30-121				
Acenaphthylene	0.462	0.0417	"	0.833		55.4	30-115				
Acetophenone	0.446	0.0417	"	0.833		53.5	20-112				
Aniline	0.444	0.167	"	0.833		53.3	10-119				
Anthracene	0.569	0.0417	"	0.833		68.3	34-118				
Atrazine	0.574	0.0417	"	0.833		68.9	26-112				
Benzaldehyde	0.434	0.0417	"	0.833		52.0	21-100				
Benzo(a)anthracene	0.565	0.0417	"	0.833		67.8	32-122				
Benzo(a)pyrene	0.514	0.0417	"	0.833		61.7	29-133				
Benzo(b)fluoranthene	0.544	0.0417	"	0.833		65.2	25-133				
Benzo(g,h,i)perylene	0.530	0.0417	"	0.833		63.6	10-143				
Benzo(k)fluoranthene	0.562	0.0417	"	0.833		67.4	25-128				
Benzoic acid	0.0403	0.0417	"	0.833		4.84	10-140	Low Bias			
Benzyl alcohol	0.455	0.0417	"	0.833		54.6	30-115				
Benzyl butyl phthalate	0.563	0.0417	"	0.833		67.6	26-126				
Bis(2-chloroethoxy)methane	0.465	0.0417	"	0.833		55.8	19-132				
Bis(2-chloroethyl)ether	0.425	0.0417	"	0.833		51.0	19-125				
Bis(2-chloroisopropyl)ether	0.424	0.0417	"	0.833		50.8	20-135				
Bis(2-ethylhexyl)phthalate	0.584	0.0417	"	0.833		70.0	10-155				
Caprolactam	0.638	0.0833	"	0.833		76.6	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30312 - EPA 3550C											
LCS (BA30312-BS1)									Prepared: 01/09/2023 Analyzed: 01/10/2023		
Carbazole	0.572	0.0417	mg/kg wet	0.833		68.6	35-123				
Chrysene	0.535	0.0417	"	0.833		64.2	32-123				
Dibenzo(a,h)anthracene	0.533	0.0417	"	0.833		63.9	10-136				
Dibenzofuran	0.501	0.0417	"	0.833		60.2	29-121				
Diethyl phthalate	0.536	0.0417	"	0.833		64.3	34-116				
Dimethyl phthalate	0.519	0.0417	"	0.833		62.2	35-124				
Di-n-butyl phthalate	0.560	0.0417	"	0.833		67.2	31-116				
Di-n-octyl phthalate	0.573	0.0417	"	0.833		68.8	26-136				
Fluoranthene	0.541	0.0417	"	0.833		64.9	33-122				
Fluorene	0.519	0.0417	"	0.833		62.2	29-123				
Hexachlorobenzene	0.513	0.0417	"	0.833		61.6	21-124				
Hexachlorobutadiene	0.437	0.0417	"	0.833		52.4	10-149				
Hexachlorocyclopentadiene	0.409	0.0417	"	0.833		49.1	10-129				
Hexachloroethane	0.425	0.0417	"	0.833		51.0	28-108				
Indeno(1,2,3-cd)pyrene	0.525	0.0417	"	0.833		63.0	10-135				
Isophorone	0.508	0.0417	"	0.833		60.9	20-132				
Naphthalene	0.476	0.0417	"	0.833		57.1	23-124				
Nitrobenzene	0.451	0.0417	"	0.833		54.2	13-132				
N-Nitrosodimethylamine	0.411	0.0417	"	0.833		49.3	11-129				
N-nitroso-di-n-propylamine	0.451	0.0417	"	0.833		54.1	24-119				
N-Nitrosodiphenylamine	0.623	0.0417	"	0.833		74.7	22-152				
Pentachlorophenol	0.470	0.0417	"	0.833		56.4	10-139				
Phenanthrene	0.552	0.0417	"	0.833		66.2	33-123				
Phenol	0.451	0.0417	"	0.833		54.1	23-115				
Pyrene	0.536	0.0417	"	0.833		64.4	24-130				
Surrogate: SURR: 2-Fluorophenol	*0.878*		"	*1.67*		*52.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.898*		"	*1.67*		*53.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.454*		"	*0.833*		*54.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.471*		"	*0.833*		*56.5*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.13*		"	*1.67*		*67.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.581*		"	*0.833*		*69.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30312 - EPA 3550C											
Matrix Spike (BA30312-MS1)	*Source sample: 23A0238-02 (Matrix Spike)							Prepared: 01/09/2023 Analyzed: 01/10/2023			
1,1-Biphenyl	0.479	0.0932	mg/kg dry	0.931	ND	51.4	10-130				
1,2,4,5-Tetrachlorobenzene	0.527	0.186	"	0.931	ND	56.6	10-133				
1,2,4-Trichlorobenzene	0.471	0.0932	"	0.931	ND	50.6	10-127				
1,2-Dichlorobenzene	0.419	0.0932	"	0.931	ND	45.0	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.528	0.0932	"	0.931	ND	56.7	10-144				
1,3-Dichlorobenzene	0.410	0.0932	"	0.931	ND	44.0	11-111				
1,4-Dichlorobenzene	0.413	0.0932	"	0.931	ND	44.3	10-106				
2,3,4,6-Tetrachlorophenol	0.615	0.186	"	0.931	ND	66.0	30-130				
2,4,5-Trichlorophenol	0.595	0.0932	"	0.931	ND	63.9	10-127				
2,4,6-Trichlorophenol	0.565	0.0932	"	0.931	ND	60.7	10-132				
2,4-Dichlorophenol	0.542	0.0932	"	0.931	ND	58.2	10-128				
2,4-Dimethylphenol	0.513	0.0932	"	0.931	ND	55.0	10-137				
2,4-Dinitrophenol	ND	0.186	"	0.931	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.329	0.0932	"	0.931	ND	35.3	16-135				
2,6-Dinitrotoluene	0.375	0.0932	"	0.931	ND	40.3	18-131				
2-Chloronaphthalene	0.468	0.0932	"	0.931	ND	50.2	10-129				
2-Chlorophenol	0.450	0.0932	"	0.931	ND	48.3	15-116				
2-Methylnaphthalene	0.477	0.0932	"	0.931	0.0564	45.1	10-147				
2-Methylphenol	0.457	0.0932	"	0.931	ND	49.1	10-136				
2-Nitroaniline	0.556	0.186	"	0.931	ND	59.7	10-137				
2-Nitrophenol	0.121	0.0932	"	0.931	ND	13.0	10-129				
3- & 4-Methylphenols	0.416	0.0932	"	0.931	ND	44.6	10-123				
3,3-Dichlorobenzidine	0.553	0.0932	"	0.931	ND	59.4	10-155				
3-Nitroaniline	0.635	0.186	"	0.931	ND	68.2	12-133				
4,6-Dinitro-2-methylphenol	ND	0.186	"	0.931	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	0.595	0.0932	"	0.931	ND	63.9	14-128				
4-Chloro-3-methylphenol	0.563	0.0932	"	0.931	ND	60.5	10-134				
4-Chloroaniline	0.405	0.0932	"	0.931	ND	43.5	10-145				
4-Chlorophenyl phenyl ether	0.566	0.0932	"	0.931	ND	60.8	14-130				
4-Nitroaniline	0.667	0.186	"	0.931	ND	71.6	10-147				
4-Nitrophenol	0.406	0.186	"	0.931	ND	43.6	10-137				
Acenaphthene	0.509	0.0932	"	0.931	ND	54.6	10-146				
Acenaphthylene	0.470	0.0932	"	0.931	ND	50.5	10-134				
Acetophenone	0.421	0.0932	"	0.931	ND	45.2	10-116				
Aniline	0.359	0.373	"	0.931	ND	38.6	10-123				
Anthracene	0.630	0.0932	"	0.931	ND	67.7	10-142				
Atrazine	0.577	0.0932	"	0.931	ND	61.9	19-115				
Benzaldehyde	0.422	0.0932	"	0.931	ND	45.3	10-125				
Benzo(a)anthracene	0.659	0.0932	"	0.931	ND	70.8	10-158				
Benzo(a)pyrene	0.556	0.0932	"	0.931	ND	59.7	10-180				
Benzo(b)fluoranthene	0.603	0.0932	"	0.931	ND	64.8	10-200				
Benzo(g,h,i)perylene	0.618	0.0932	"	0.931	ND	66.4	10-138				
Benzo(k)fluoranthene	0.592	0.0932	"	0.931	ND	63.6	10-197				
Benzoic acid	ND	0.0932	"	0.931	ND		10-166	Low Bias			
Benzyl alcohol	0.433	0.0932	"	0.931	ND	46.5	12-124				
Benzyl butyl phthalate	0.607	0.0932	"	0.931	ND	65.2	10-154				
Bis(2-chloroethoxy)methane	0.448	0.0932	"	0.931	ND	48.2	10-132				
Bis(2-chloroethyl)ether	0.393	0.0932	"	0.931	ND	42.2	10-119				
Bis(2-chloroisopropyl)ether	0.375	0.0932	"	0.931	ND	40.2	10-139				
Bis(2-ethylhexyl)phthalate	0.484	0.0932	"	0.931	ND	52.0	10-167				
Caprolactam	0.596	0.186	"	0.931	ND	64.0	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30312 - EPA 3550C											
Matrix Spike (BA30312-MS1)	*Source sample: 23A0238-02 (Matrix Spike)							Prepared: 01/09/2023 Analyzed: 01/10/2023			
Carbazole	0.597	0.0932	mg/kg dry	0.931	ND	64.1	10-167				
Chrysene	0.597	0.0932	"	0.931	ND	64.2	10-156				
Dibenzo(a,h)anthracene	0.615	0.0932	"	0.931	ND	66.1	10-137				
Dibenzofuran	0.514	0.0932	"	0.931	ND	55.2	10-147				
Diethyl phthalate	0.547	0.0932	"	0.931	ND	58.7	20-120				
Dimethyl phthalate	0.521	0.0932	"	0.931	ND	56.0	18-131				
Di-n-butyl phthalate	0.588	0.0932	"	0.931	ND	63.1	10-137				
Di-n-octyl phthalate	0.588	0.0932	"	0.931	ND	63.2	10-180				
Fluoranthene	0.623	0.0932	"	0.931	ND	67.0	10-160				
Fluorene	0.556	0.0932	"	0.931	ND	59.8	10-157				
Hexachlorobenzene	0.564	0.0932	"	0.931	ND	60.6	10-137				
Hexachlorobutadiene	0.471	0.0932	"	0.931	ND	50.6	10-132				
Hexachlorocyclopentadiene	ND	0.0932	"	0.931	ND		10-106	Low Bias			
Hexachloroethane	0.242	0.0932	"	0.931	ND	26.0	10-110				
Indeno(1,2,3-cd)pyrene	0.595	0.0932	"	0.931	ND	63.9	10-144				
Isophorone	0.488	0.0932	"	0.931	ND	52.4	10-132				
Naphthalene	0.456	0.0932	"	0.931	0.0995	38.3	10-141				
Nitrobenzene	0.404	0.0932	"	0.931	ND	43.4	10-131				
N-Nitrosodimethylamine	0.337	0.0932	"	0.931	ND	36.2	10-126				
N-nitroso-di-n-propylamine	0.413	0.0932	"	0.931	ND	44.3	10-125				
N-Nitrosodiphenylamine	0.682	0.0932	"	0.931	ND	73.3	10-177				
Pentachlorophenol	0.563	0.0932	"	0.931	ND	60.5	10-153				
Phenanthrene	0.653	0.0932	"	0.931	0.0802	61.5	10-148				
Phenol	0.445	0.0932	"	0.931	ND	47.8	10-126				
Pyrene	0.664	0.0932	"	0.931	0.0490	66.1	10-165				
Surrogate: SURR: 2-Fluorophenol	*0.867*		"	*1.86*		*46.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.878*		"	*1.86*		*47.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.407*		"	*0.931*		*43.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.465*		"	*0.931*		*49.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.27*		"	*1.86*		*68.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.688*		"	*0.931*		*73.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BA30312 - EPA 3550C

Matrix Spike Dup (BA30312-MSD1) *Source sample: 23A0238-02 (Matrix Spike Dup) Prepared: 01/09/2023 Analyzed: 01/10/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.559	0.0932	mg/kg dry	0.931	ND	60.1	10-130		15.5	30	
1,2,4,5-Tetrachlorobenzene	0.595	0.186	"	0.931	ND	63.9	10-133		12.1	30	
1,2,4-Trichlorobenzene	0.541	0.0932	"	0.931	ND	58.1	10-127		13.8	30	
1,2-Dichlorobenzene	0.472	0.0932	"	0.931	ND	50.6	14-111		11.7	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.548	0.0932	"	0.931	ND	58.9	10-144		3.74	30	
1,3-Dichlorobenzene	0.461	0.0932	"	0.931	ND	49.5	11-111		11.8	30	
1,4-Dichlorobenzene	0.472	0.0932	"	0.931	ND	50.7	10-106		13.5	30	
2,3,4,6-Tetrachlorophenol	0.626	0.186	"	0.931	ND	67.3	30-130		1.92	30	
2,4,5-Trichlorophenol	0.634	0.0932	"	0.931	ND	68.1	10-127		6.30	30	
2,4,6-Trichlorophenol	0.617	0.0932	"	0.931	ND	66.2	10-132		8.70	30	
2,4-Dichlorophenol	0.594	0.0932	"	0.931	ND	63.8	10-128		9.19	30	
2,4-Dimethylphenol	0.572	0.0932	"	0.931	ND	61.4	10-137		11.0	30	
2,4-Dinitrophenol	ND	0.186	"	0.931	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.455	0.0932	"	0.931	ND	48.9	16-135		32.3	30	Non-dir.
2,6-Dinitrotoluene	0.496	0.0932	"	0.931	ND	53.3	18-131		27.7	30	
2-Chloronaphthalene	0.532	0.0932	"	0.931	ND	57.1	10-129		12.8	30	
2-Chlorophenol	0.506	0.0932	"	0.931	ND	54.3	15-116		11.7	30	
2-Methylnaphthalene	0.540	0.0932	"	0.931	0.0564	51.9	10-147		12.5	30	
2-Methylphenol	0.519	0.0932	"	0.931	ND	55.8	10-136		12.7	30	
2-Nitroaniline	0.641	0.186	"	0.931	ND	68.9	10-137		14.3	30	
2-Nitrophenol	0.223	0.0932	"	0.931	ND	24.0	10-129		59.2	30	Non-dir.
3- & 4-Methylphenols	0.458	0.0932	"	0.931	ND	49.2	10-123		9.72	30	
3,3-Dichlorobenzidine	0.583	0.0932	"	0.931	ND	62.6	10-155		5.11	30	
3-Nitroaniline	0.683	0.186	"	0.931	ND	73.4	12-133		7.35	30	
4,6-Dinitro-2-methylphenol	ND	0.186	"	0.931	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.602	0.0932	"	0.931	ND	64.6	14-128		1.12	30	
4-Chloro-3-methylphenol	0.597	0.0932	"	0.931	ND	64.1	10-134		5.78	30	
4-Chloroaniline	0.449	0.0932	"	0.931	ND	48.2	10-145		10.3	30	
4-Chlorophenyl phenyl ether	0.601	0.0932	"	0.931	ND	64.6	14-130		6.00	30	
4-Nitroaniline	0.720	0.186	"	0.931	ND	77.4	10-147		7.73	30	
4-Nitrophenol	0.503	0.186	"	0.931	ND	54.0	10-137		21.3	30	
Acenaphthene	0.559	0.0932	"	0.931	ND	60.1	10-146		9.48	30	
Acenaphthylene	0.515	0.0932	"	0.931	ND	55.3	10-134		9.08	30	
Acetophenone	0.479	0.0932	"	0.931	ND	51.4	10-116		12.9	30	
Aniline	0.390	0.373	"	0.931	ND	41.9	10-123		8.35	30	
Anthracene	0.637	0.0932	"	0.931	ND	68.4	10-142		1.06	30	
Atrazine	0.613	0.0932	"	0.931	ND	65.8	19-115		6.14	30	
Benzaldehyde	0.488	0.0932	"	0.931	ND	52.4	10-125		14.6	30	
Benzo(a)anthracene	0.682	0.0932	"	0.931	ND	73.3	10-158		3.44	30	
Benzo(a)pyrene	0.566	0.0932	"	0.931	ND	60.8	10-180		1.86	30	
Benzo(b)fluoranthene	0.606	0.0932	"	0.931	ND	65.0	10-200		0.370	30	
Benzo(g,h,i)perylene	0.619	0.0932	"	0.931	ND	66.5	10-138		0.120	30	
Benzo(k)fluoranthene	0.604	0.0932	"	0.931	ND	64.9	10-197		1.99	30	
Benzoic acid	ND	0.0932	"	0.931	ND		10-166	Low Bias		30	
Benzyl alcohol	0.469	0.0932	"	0.931	ND	50.4	12-124		8.09	30	
Benzyl butyl phthalate	0.632	0.0932	"	0.931	ND	67.9	10-154		4.09	30	
Bis(2-chloroethoxy)methane	0.491	0.0932	"	0.931	ND	52.7	10-132		9.04	30	
Bis(2-chloroethyl)ether	0.459	0.0932	"	0.931	ND	49.3	10-119		15.4	30	
Bis(2-chloroisopropyl)ether	0.425	0.0932	"	0.931	ND	45.6	10-139		12.5	30	
Bis(2-ethylhexyl)phthalate	0.495	0.0932	"	0.931	ND	53.2	10-167		2.28	30	
Caprolactam	0.670	0.186	"	0.931	ND	71.9	10-132		11.7	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30312 - EPA 3550C											
Matrix Spike Dup (BA30312-MSD1)	*Source sample: 23A0238-02 (Matrix Spike Dup)								Prepared: 01/09/2023 Analyzed: 01/10/2023		
Carbazole	0.632	0.0932	mg/kg dry	0.931	ND	67.8	10-167		5.70	30	
Chrysene	0.622	0.0932	"	0.931	ND	66.8	10-156		4.03	30	
Dibenzo(a,h)anthracene	0.615	0.0932	"	0.931	ND	66.1	10-137		0.00	30	
Dibenzofuran	0.570	0.0932	"	0.931	ND	61.2	10-147		10.3	30	
Diethyl phthalate	0.558	0.0932	"	0.931	ND	59.9	20-120		2.02	30	
Dimethyl phthalate	0.566	0.0932	"	0.931	ND	60.8	18-131		8.22	30	
Di-n-butyl phthalate	0.606	0.0932	"	0.931	ND	65.0	10-137		3.00	30	
Di-n-octyl phthalate	0.603	0.0932	"	0.931	ND	64.7	10-180		2.38	30	
Fluoranthene	0.637	0.0932	"	0.931	ND	68.4	10-160		2.13	30	
Fluorene	0.589	0.0932	"	0.931	ND	63.3	10-157		5.72	30	
Hexachlorobenzene	0.566	0.0932	"	0.931	ND	60.8	10-137		0.396	30	
Hexachlorobutadiene	0.553	0.0932	"	0.931	ND	59.4	10-132		16.1	30	
Hexachlorocyclopentadiene	ND	0.0932	"	0.931	ND		10-106	Low Bias		30	
Hexachloroethane	0.299	0.0932	"	0.931	ND	32.2	10-110		21.2	30	
Indeno(1,2,3-cd)pyrene	0.633	0.0932	"	0.931	ND	68.0	10-144		6.19	30	
Isophorone	0.539	0.0932	"	0.931	ND	57.9	10-132		10.0	30	
Naphthalene	0.518	0.0932	"	0.931	0.0995	45.0	10-141		12.8	30	
Nitrobenzene	0.484	0.0932	"	0.931	ND	52.0	10-131		17.9	30	
N-Nitrosodimethylamine	0.390	0.0932	"	0.931	ND	41.8	10-126		14.3	30	
N-nitroso-di-n-propylamine	0.457	0.0932	"	0.931	ND	49.1	10-125		10.3	30	
N-Nitrosodiphenylamine	0.716	0.0932	"	0.931	ND	76.9	10-177		4.79	30	
Pentachlorophenol	0.571	0.0932	"	0.931	ND	61.3	10-153		1.31	30	
Phenanthrene	0.647	0.0932	"	0.931	0.0802	60.9	10-148		0.916	30	
Phenol	0.498	0.0932	"	0.931	ND	53.4	10-126		11.2	30	
Pyrene	0.676	0.0932	"	0.931	0.0490	67.4	10-165		1.78	30	
Surrogate: SURR: 2-Fluorophenol	*0.986*		"	*1.86*		*52.9*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.988*		"	*1.86*		*53.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.495*		"	*0.931*		*53.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.548*		"	*0.931*		*58.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.36*		"	*1.86*		*73.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.722*		"	*0.931*		*77.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30376 - EPA 3510C											
Blank (BA30376-BLK2)											Prepared: 01/10/2023 Analyzed: 01/11/2023
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
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	"								
Bis(2-ethylhexyl)phthalate	0.860	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								
LCS (BA30376-BS2)											Prepared: 01/10/2023 Analyzed: 01/11/2023
Acenaphthene	0.580	0.0500	ug/L	1.00		58.0	25-116				
Acenaphthylene	0.610	0.0500	"	1.00		61.0	26-116				
Anthracene	0.580	0.0500	"	1.00		58.0	25-123				
Benzo(a)anthracene	0.650	0.0500	"	1.00		65.0	33-125				
Benzo(a)pyrene	0.540	0.0500	"	1.00		54.0	32-132				
Benzo(b)fluoranthene	0.670	0.0500	"	1.00		67.0	22-137				
Benzo(g,h,i)perylene	0.730	0.0500	"	1.00		73.0	10-138				
Benzo(k)fluoranthene	0.640	0.0500	"	1.00		64.0	20-137				
Bis(2-ethylhexyl)phthalate	1.42	0.500	"	1.00		142	10-189				
Chrysene	0.680	0.0500	"	1.00		68.0	32-124				
Dibenzo(a,h)anthracene	0.690	0.0500	"	1.00		69.0	16-133				
Fluoranthene	0.740	0.0500	"	1.00		74.0	32-121				
Fluorene	0.680	0.0500	"	1.00		68.0	28-118				
Hexachlorobenzene	0.750	0.0200	"	1.00		75.0	23-124				
Hexachlorobutadiene	0.610	0.500	"	1.00		61.0	15-123				
Hexachloroethane	2.82	0.500	"	1.00		282	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.710	0.0500	"	1.00		71.0	15-135				
Naphthalene	0.620	0.0500	"	1.00		62.0	18-120				
Nitrobenzene	0.700	0.250	"	1.00		70.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.670	0.250	"	1.00		67.0	10-156				
Phenanthrene	0.680	0.0500	"	1.00		68.0	24-127				
Pyrene	0.640	0.0500	"	1.00		64.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30378 - EPA 3550C											
Blank (BA30378-BLK1)											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								

Prepared & Analyzed: 01/10/2023

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30378 - EPA 3550C											
Blank (BA30378-BLK1)											
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Surrogate: SURR: 2-Fluorophenol	*1.39*		"	*1.67*		*83.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.37*		"	*1.67*		*81.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.821*		"	*0.833*		*98.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.682*		"	*0.833*		*81.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.70*		"	*1.67*		*102*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.859*		"	*0.833*		*103*	*24-116*				

Prepared & Analyzed: 01/10/2023

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30378 - EPA 3550C											
LCS (BA30378-BS1)							Prepared & Analyzed: 01/10/2023				
1,1-Biphenyl	0.483	0.0417	mg/kg wet	0.833		58.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.498	0.0833	"	0.833		59.7	21-131				
1,2,4-Trichlorobenzene	0.534	0.0417	"	0.833		64.1	10-140				
1,2-Dichlorobenzene	0.519	0.0417	"	0.833		62.3	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.525	0.0417	"	0.833		63.0	17-137				
1,3-Dichlorobenzene	0.508	0.0417	"	0.833		61.0	33-110				
1,4-Dichlorobenzene	0.519	0.0417	"	0.833		62.3	32-104				
2,3,4,6-Tetrachlorophenol	0.660	0.0833	"	0.833		79.2	30-130				
2,4,5-Trichlorophenol	0.588	0.0417	"	0.833		70.6	27-118				
2,4,6-Trichlorophenol	0.574	0.0417	"	0.833		68.9	31-120				
2,4-Dichlorophenol	0.607	0.0417	"	0.833		72.8	20-127				
2,4-Dimethylphenol	0.595	0.0417	"	0.833		71.4	14-132				
2,4-Dinitrophenol	0.765	0.0833	"	0.833		91.8	10-171				
2,4-Dinitrotoluene	0.850	0.0417	"	0.833		102	34-131				
2,6-Dinitrotoluene	0.802	0.0417	"	0.833		96.2	31-128				
2-Chloronaphthalene	0.518	0.0417	"	0.833		62.2	31-117				
2-Chlorophenol	0.547	0.0417	"	0.833		65.6	33-113				
2-Methylnaphthalene	0.559	0.0417	"	0.833		67.0	12-138				
2-Methylphenol	0.546	0.0417	"	0.833		65.5	10-136				
2-Nitroaniline	0.701	0.0833	"	0.833		84.2	27-132				
2-Nitrophenol	0.644	0.0417	"	0.833		77.3	17-129				
3- & 4-Methylphenols	0.516	0.0417	"	0.833		62.0	29-103				
3,3-Dichlorobenzidine	0.427	0.0417	"	0.833		51.2	22-149				
3-Nitroaniline	0.594	0.0833	"	0.833		71.3	20-133				
4,6-Dinitro-2-methylphenol	0.799	0.0833	"	0.833		95.9	10-143				
4-Bromophenyl phenyl ether	0.543	0.0417	"	0.833		65.1	29-120				
4-Chloro-3-methylphenol	0.654	0.0417	"	0.833		78.4	24-129				
4-Chloroaniline	0.384	0.0417	"	0.833		46.1	10-132				
4-Chlorophenyl phenyl ether	0.582	0.0417	"	0.833		69.9	27-124				
4-Nitroaniline	0.707	0.0833	"	0.833		84.8	16-128				
4-Nitrophenol	0.677	0.0833	"	0.833		81.3	10-141				
Acenaphthene	0.522	0.0417	"	0.833		62.7	30-121				
Acenaphthylene	0.489	0.0417	"	0.833		58.6	30-115				
Acetophenone	0.469	0.0417	"	0.833		56.2	20-112				
Aniline	0.388	0.167	"	0.833		46.5	10-119				
Anthracene	0.584	0.0417	"	0.833		70.1	34-118				
Atrazine	0.560	0.0417	"	0.833		67.2	26-112				
Benzaldehyde	0.476	0.0417	"	0.833		57.2	21-100				
Benzo(a)anthracene	0.582	0.0417	"	0.833		69.8	32-122				
Benzo(a)pyrene	0.603	0.0417	"	0.833		72.3	29-133				
Benzo(b)fluoranthene	0.604	0.0417	"	0.833		72.4	25-133				
Benzo(g,h,i)perylene	0.572	0.0417	"	0.833		68.7	10-143				
Benzo(k)fluoranthene	0.615	0.0417	"	0.833		73.8	25-128				
Benzoic acid	0.230	0.0417	"	0.833		27.6	10-140				
Benzyl alcohol	0.516	0.0417	"	0.833		61.9	30-115				
Benzyl butyl phthalate	0.570	0.0417	"	0.833		68.4	26-126				
Bis(2-chloroethoxy)methane	0.544	0.0417	"	0.833		65.3	19-132				
Bis(2-chloroethyl)ether	0.513	0.0417	"	0.833		61.6	19-125				
Bis(2-chloroisopropyl)ether	0.507	0.0417	"	0.833		60.8	20-135				
Bis(2-ethylhexyl)phthalate	0.568	0.0417	"	0.833		68.2	10-155				
Caprolactam	0.630	0.0833	"	0.833		75.6	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30378 - EPA 3550C											
LCS (BA30378-BS1)								Prepared & Analyzed: 01/10/2023			
Carbazole	0.581	0.0417	mg/kg wet	0.833		69.8	35-123				
Chrysene	0.555	0.0417	"	0.833		66.6	32-123				
Dibenzo(a,h)anthracene	0.543	0.0417	"	0.833		65.1	10-136				
Dibenzofuran	0.564	0.0417	"	0.833		67.6	29-121				
Diethyl phthalate	0.609	0.0417	"	0.833		73.0	34-116				
Dimethyl phthalate	0.588	0.0417	"	0.833		70.5	35-124				
Di-n-butyl phthalate	0.566	0.0417	"	0.833		67.9	31-116				
Di-n-octyl phthalate	0.573	0.0417	"	0.833		68.8	26-136				
Fluoranthene	0.558	0.0417	"	0.833		66.9	33-122				
Fluorene	0.575	0.0417	"	0.833		69.0	29-123				
Hexachlorobenzene	0.550	0.0417	"	0.833		66.0	21-124				
Hexachlorobutadiene	0.577	0.0417	"	0.833		69.2	10-149				
Hexachlorocyclopentadiene	0.275	0.0417	"	0.833		33.0	10-129				
Hexachloroethane	0.535	0.0417	"	0.833		64.2	28-108				
Indeno(1,2,3-cd)pyrene	0.543	0.0417	"	0.833		65.2	10-135				
Isophorone	0.579	0.0417	"	0.833		69.4	20-132				
Naphthalene	0.540	0.0417	"	0.833		64.8	23-124				
Nitrobenzene	0.592	0.0417	"	0.833		71.0	13-132				
N-Nitrosodimethylamine	0.497	0.0417	"	0.833		59.7	11-129				
N-nitroso-di-n-propylamine	0.535	0.0417	"	0.833		64.2	24-119				
N-Nitrosodiphenylamine	0.626	0.0417	"	0.833		75.1	22-152				
Pentachlorophenol	0.415	0.0417	"	0.833		49.8	10-139				
Phenanthrene	0.551	0.0417	"	0.833		66.1	33-123				
Phenol	0.570	0.0417	"	0.833		68.4	23-115				
Pyrene	0.535	0.0417	"	0.833		64.2	24-130				
Surrogate: SURR: 2-Fluorophenol	*1.09*		"	*1.67*		*65.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.07*		"	*1.67*		*63.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.615*		"	*0.833*		*73.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.513*		"	*0.833*		*61.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.30*		"	*1.67*		*78.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.628*		"	*0.833*		*75.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30378 - EPA 3550C											
Matrix Spike (BA30378-MS1)	*Source sample: 23A0210-02 (23SB-3 (2-3))							Prepared & Analyzed: 01/10/2023			
1,1-Biphenyl	0.530	0.0930	mg/kg dry	0.929	ND	57.0	10-130				
1,2,4,5-Tetrachlorobenzene	0.574	0.186	"	0.929	ND	61.8	10-133				
1,2,4-Trichlorobenzene	0.553	0.0930	"	0.929	ND	59.5	10-127				
1,2-Dichlorobenzene	0.479	0.0930	"	0.929	ND	51.6	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.579	0.0930	"	0.929	ND	62.3	10-144				
1,3-Dichlorobenzene	0.463	0.0930	"	0.929	ND	49.8	11-111				
1,4-Dichlorobenzene	0.470	0.0930	"	0.929	ND	50.6	10-106				
2,3,4,6-Tetrachlorophenol	0.631	0.186	"	0.929	ND	67.9	30-130				
2,4,5-Trichlorophenol	0.684	0.0930	"	0.929	ND	73.6	10-127				
2,4,6-Trichlorophenol	0.622	0.0930	"	0.929	ND	67.0	10-132				
2,4-Dichlorophenol	0.672	0.0930	"	0.929	ND	72.3	10-128				
2,4-Dimethylphenol	0.661	0.0930	"	0.929	ND	71.2	10-137				
2,4-Dinitrophenol	ND	0.186	"	0.929	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.929	0.0930	"	0.929	ND	100	16-135				
2,6-Dinitrotoluene	0.814	0.0930	"	0.929	ND	87.7	18-131				
2-Chloronaphthalene	0.573	0.0930	"	0.929	ND	61.7	10-129				
2-Chlorophenol	0.621	0.0930	"	0.929	ND	66.9	15-116				
2-Methylnaphthalene	0.629	0.0930	"	0.929	ND	67.7	10-147				
2-Methylphenol	0.649	0.0930	"	0.929	ND	69.8	10-136				
2-Nitroaniline	0.765	0.186	"	0.929	ND	82.3	10-137				
2-Nitrophenol	0.646	0.0930	"	0.929	ND	69.5	10-129				
3- & 4-Methylphenols	0.594	0.0930	"	0.929	ND	64.0	10-123				
3,3-Dichlorobenzidine	0.223	0.0930	"	0.929	ND	24.0	10-155				
3-Nitroaniline	0.631	0.186	"	0.929	ND	67.9	12-133				
4,6-Dinitro-2-methylphenol	0.215	0.186	"	0.929	ND	23.1	10-155				
4-Bromophenyl phenyl ether	0.603	0.0930	"	0.929	ND	64.9	14-128				
4-Chloro-3-methylphenol	0.766	0.0930	"	0.929	ND	82.5	10-134				
4-Chloroaniline	0.457	0.0930	"	0.929	ND	49.2	10-145				
4-Chlorophenyl phenyl ether	0.638	0.0930	"	0.929	ND	68.7	14-130				
4-Nitroaniline	0.534	0.186	"	0.929	ND	57.4	10-147				
4-Nitrophenol	0.686	0.186	"	0.929	ND	73.8	10-137				
Acenaphthene	0.617	0.0930	"	0.929	ND	66.5	10-146				
Acenaphthylene	0.686	0.0930	"	0.929	0.0572	67.7	10-134				
Acetophenone	0.503	0.0930	"	0.929	ND	54.2	10-116				
Aniline	0.435	0.372	"	0.929	ND	46.8	10-123				
Anthracene	0.852	0.0930	"	0.929	0.0624	85.0	10-142				
Atrazine	0.597	0.0930	"	0.929	ND	64.2	19-115				
Benzaldehyde	0.466	0.0930	"	0.929	ND	50.2	10-125				
Benzo(a)anthracene	1.35	0.0930	"	0.929	0.236	120	10-158				
Benzo(a)pyrene	1.33	0.0930	"	0.929	0.241	118	10-180				
Benzo(b)fluoranthene	1.24	0.0930	"	0.929	0.187	113	10-200				
Benzo(g,h,i)perylene	1.06	0.0930	"	0.929	0.137	99.3	10-138				
Benzo(k)fluoranthene	1.27	0.0930	"	0.929	0.211	114	10-197				
Benzoic acid	0.0817	0.0930	"	0.929	ND	8.80	10-166	Low Bias			
Benzyl alcohol	0.555	0.0930	"	0.929	ND	59.8	12-124				
Benzyl butyl phthalate	0.663	0.0930	"	0.929	ND	71.4	10-154				
Bis(2-chloroethoxy)methane	0.554	0.0930	"	0.929	ND	59.7	10-132				
Bis(2-chloroethyl)ether	0.522	0.0930	"	0.929	ND	56.2	10-119				
Bis(2-chloroisopropyl)ether	0.565	0.0930	"	0.929	ND	60.8	10-139				
Bis(2-ethylhexyl)phthalate	0.694	0.0930	"	0.929	ND	74.7	10-167				
Caprolactam	0.672	0.186	"	0.929	ND	72.4	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30378 - EPA 3550C											
Matrix Spike (BA30378-MS1)	*Source sample: 23A0210-02 (23SB-3 (2-3))						Prepared & Analyzed: 01/10/2023				
Carbazole	0.667	0.0930	mg/kg dry	0.929	ND	71.8	10-167				
Chrysene	1.30	0.0930	"	0.929	0.215	117	10-156				
Dibenzo(a,h)anthracene	0.776	0.0930	"	0.929	ND	83.6	10-137				
Dibenzofuran	0.649	0.0930	"	0.929	ND	69.8	10-147				
Diethyl phthalate	0.635	0.0930	"	0.929	ND	68.3	20-120				
Dimethyl phthalate	0.608	0.0930	"	0.929	ND	65.4	18-131				
Di-n-butyl phthalate	0.632	0.0930	"	0.929	ND	68.0	10-137				
Di-n-octyl phthalate	0.675	0.0930	"	0.929	ND	72.6	10-180				
Fluoranthene	1.76	0.0930	"	0.929	0.343	153	10-160				
Fluorene	0.690	0.0930	"	0.929	ND	74.2	10-157				
Hexachlorobenzene	0.655	0.0930	"	0.929	ND	70.6	10-137				
Hexachlorobutadiene	0.619	0.0930	"	0.929	ND	66.6	10-132				
Hexachlorocyclopentadiene	0.131	0.0930	"	0.929	ND	14.1	10-106				
Hexachloroethane	0.531	0.0930	"	0.929	ND	57.2	10-110				
Indeno(1,2,3-cd)pyrene	0.949	0.0930	"	0.929	0.110	90.3	10-144				
Isophorone	0.635	0.0930	"	0.929	ND	68.4	10-132				
Naphthalene	0.594	0.0930	"	0.929	ND	63.9	10-141				
Nitrobenzene	0.605	0.0930	"	0.929	ND	65.1	10-131				
N-Nitrosodimethylamine	0.436	0.0930	"	0.929	ND	47.0	10-126				
N-nitroso-di-n-propylamine	0.580	0.0930	"	0.929	ND	62.5	10-125				
N-Nitrosodiphenylamine	0.711	0.0930	"	0.929	ND	76.6	10-177				
Pentachlorophenol	0.290	0.0930	"	0.929	ND	31.2	10-153				
Phenanthrene	0.960	0.0930	"	0.929	0.107	91.8	10-148				
Phenol	0.663	0.0930	"	0.929	ND	71.4	10-126				
Pyrene	1.58	0.0930	"	0.929	0.325	136	10-165				
Surrogate: SURR: 2-Fluorophenol	*1.15*		"	*1.86*		*62.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.19*		"	*1.86*		*64.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.632*		"	*0.929*		*68.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.562*		"	*0.929*		*60.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.45*		"	*1.86*		*78.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.741*		"	*0.929*		*79.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BA30378 - EPA 3550C

Matrix Spike Dup (BA30378-MSD1) *Source sample: 23A0210-02 (23SB-3 (2-3)) Prepared & Analyzed: 01/10/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.386	0.0930	mg/kg dry	0.929	ND	41.5	10-130		31.5	30	Non-dir.
1,2,4,5-Tetrachlorobenzene	0.400	0.186	"	0.929	ND	43.0	10-133		35.9	30	Non-dir.
1,2,4-Trichlorobenzene	0.401	0.0930	"	0.929	ND	43.2	10-127		31.8	30	Non-dir.
1,2-Dichlorobenzene	0.343	0.0930	"	0.929	ND	36.9	14-111		33.3	30	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	0.432	0.0930	"	0.929	ND	46.5	10-144		29.1	30	
1,3-Dichlorobenzene	0.319	0.0930	"	0.929	ND	34.3	11-111		36.9	30	Non-dir.
1,4-Dichlorobenzene	0.320	0.0930	"	0.929	ND	34.5	10-106		37.8	30	Non-dir.
2,3,4,6-Tetrachlorophenol	0.551	0.186	"	0.929	ND	59.3	30-130		13.6	30	
2,4,5-Trichlorophenol	0.492	0.0930	"	0.929	ND	53.0	10-127		32.6	30	Non-dir.
2,4,6-Trichlorophenol	0.479	0.0930	"	0.929	ND	51.6	10-132		25.9	30	
2,4-Dichlorophenol	0.507	0.0930	"	0.929	ND	54.6	10-128		28.0	30	
2,4-Dimethylphenol	0.490	0.0930	"	0.929	ND	52.7	10-137		29.8	30	
2,4-Dinitrophenol	ND	0.186	"	0.929	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.505	0.0930	"	0.929	ND	54.4	16-135		59.1	30	Non-dir.
2,6-Dinitrotoluene	0.537	0.0930	"	0.929	ND	57.8	18-131		41.0	30	Non-dir.
2-Chloronaphthalene	0.409	0.0930	"	0.929	ND	44.0	10-129		33.5	30	Non-dir.
2-Chlorophenol	0.435	0.0930	"	0.929	ND	46.8	15-116		35.3	30	Non-dir.
2-Methylnaphthalene	0.459	0.0930	"	0.929	ND	49.4	10-147		31.1	30	Non-dir.
2-Methylphenol	0.448	0.0930	"	0.929	ND	48.2	10-136		36.6	30	Non-dir.
2-Nitroaniline	0.573	0.186	"	0.929	ND	61.7	10-137		28.7	30	
2-Nitrophenol	0.389	0.0930	"	0.929	ND	41.8	10-129		49.7	30	Non-dir.
3- & 4-Methylphenols	0.423	0.0930	"	0.929	ND	45.5	10-123		33.7	30	Non-dir.
3,3-Dichlorobenzidine	0.102	0.0930	"	0.929	ND	11.0	10-155		74.6	30	Non-dir.
3-Nitroaniline	0.432	0.186	"	0.929	ND	46.6	12-133		37.3	30	Non-dir.
4,6-Dinitro-2-methylphenol	ND	0.186	"	0.929	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.448	0.0930	"	0.929	ND	48.2	14-128		29.4	30	
4-Chloro-3-methylphenol	0.562	0.0930	"	0.929	ND	60.5	10-134		30.8	30	Non-dir.
4-Chloroaniline	0.308	0.0930	"	0.929	ND	33.2	10-145		38.8	30	Non-dir.
4-Chlorophenyl phenyl ether	0.470	0.0930	"	0.929	ND	50.6	14-130		30.4	30	Non-dir.
4-Nitroaniline	0.364	0.186	"	0.929	ND	39.2	10-147		37.7	30	Non-dir.
4-Nitrophenol	0.472	0.186	"	0.929	ND	50.8	10-137		37.0	30	Non-dir.
Acenaphthene	0.457	0.0930	"	0.929	ND	49.2	10-146		29.9	30	
Acenaphthylene	0.510	0.0930	"	0.929	0.0572	48.7	10-134		29.5	30	
Acetophenone	0.366	0.0930	"	0.929	ND	39.4	10-116		31.5	30	Non-dir.
Aniline	0.280	0.372	"	0.929	ND	30.2	10-123		43.2	30	Non-dir.
Anthracene	0.709	0.0930	"	0.929	0.0624	69.6	10-142		18.4	30	
Atrazine	0.443	0.0930	"	0.929	ND	47.7	19-115		29.6	30	
Benzaldehyde	0.336	0.0930	"	0.929	ND	36.2	10-125		32.4	30	Non-dir.
Benzo(a)anthracene	1.39	0.0930	"	0.929	0.236	124	10-158		2.60	30	
Benzo(a)pyrene	1.29	0.0930	"	0.929	0.241	112	10-180		3.69	30	
Benzo(b)fluoranthene	1.16	0.0930	"	0.929	0.187	105	10-200		6.31	30	
Benzo(g,h,i)perylene	0.915	0.0930	"	0.929	0.137	83.7	10-138		14.7	30	
Benzo(k)fluoranthene	1.21	0.0930	"	0.929	0.211	108	10-197		5.15	30	
Benzoic acid	0.0862	0.0930	"	0.929	ND	9.28	10-166	Low Bias	5.31	30	
Benzyl alcohol	0.371	0.0930	"	0.929	ND	39.9	12-124		39.8	30	Non-dir.
Benzyl butyl phthalate	0.532	0.0930	"	0.929	ND	57.3	10-154		21.9	30	
Bis(2-chloroethoxy)methane	0.386	0.0930	"	0.929	ND	41.5	10-132		35.9	30	Non-dir.
Bis(2-chloroethyl)ether	0.386	0.0930	"	0.929	ND	41.6	10-119		29.9	30	
Bis(2-chloroisopropyl)ether	0.405	0.0930	"	0.929	ND	43.6	10-139		33.0	30	Non-dir.
Bis(2-ethylhexyl)phthalate	0.574	0.0930	"	0.929	ND	61.8	10-167		18.9	30	
Caprolactam	0.526	0.186	"	0.929	ND	56.6	10-132		24.4	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30378 - EPA 3550C											
Matrix Spike Dup (BA30378-MSD1)	*Source sample: 23A0210-02 (23SB-3 (2-3))							Prepared & Analyzed: 01/10/2023			
Carbazole	0.484	0.0930	mg/kg dry	0.929	ND	52.2	10-167		31.7	30	Non-dir.
Chrysene	1.29	0.0930	"	0.929	0.215	116	10-156		1.09	30	
Dibenzo(a,h)anthracene	0.651	0.0930	"	0.929	ND	70.1	10-137		17.6	30	
Dibenzofuran	0.469	0.0930	"	0.929	ND	50.5	10-147		32.2	30	Non-dir.
Diethyl phthalate	0.457	0.0930	"	0.929	ND	49.2	20-120		32.5	30	Non-dir.
Dimethyl phthalate	0.447	0.0930	"	0.929	ND	48.2	18-131		30.4	30	Non-dir.
Di-n-butyl phthalate	0.464	0.0930	"	0.929	ND	49.9	10-137		30.7	30	Non-dir.
Di-n-octyl phthalate	0.505	0.0930	"	0.929	ND	54.4	10-180		28.7	30	
Fluoranthene	1.97	0.0930	"	0.929	0.343	175	10-160	High Bias	11.1	30	
Fluorene	0.504	0.0930	"	0.929	ND	54.2	10-157		31.1	30	Non-dir.
Hexachlorobenzene	0.493	0.0930	"	0.929	ND	53.1	10-137		28.2	30	
Hexachlorobutadiene	0.453	0.0930	"	0.929	ND	48.7	10-132		31.1	30	Non-dir.
Hexachlorocyclopentadiene	ND	0.0930	"	0.929	ND		10-106	Low Bias		30	
Hexachloroethane	0.345	0.0930	"	0.929	ND	37.1	10-110		42.6	30	Non-dir.
Indeno(1,2,3-cd)pyrene	0.840	0.0930	"	0.929	0.110	78.6	10-144		12.2	30	
Isophorone	0.465	0.0930	"	0.929	ND	50.1	10-132		30.9	30	Non-dir.
Naphthalene	0.429	0.0930	"	0.929	ND	46.2	10-141		32.3	30	Non-dir.
Nitrobenzene	0.441	0.0930	"	0.929	ND	47.4	10-131		31.4	30	Non-dir.
N-Nitrosodimethylamine	0.299	0.0930	"	0.929	ND	32.2	10-126		37.2	30	Non-dir.
N-nitroso-di-n-propylamine	0.421	0.0930	"	0.929	ND	45.3	10-125		31.9	30	Non-dir.
N-Nitrosodiphenylamine	0.552	0.0930	"	0.929	ND	59.4	10-177		25.2	30	
Pentachlorophenol	0.307	0.0930	"	0.929	ND	33.0	10-153		5.73	30	
Phenanthrene	0.941	0.0930	"	0.929	0.107	89.8	10-148		2.03	30	
Phenol	0.508	0.0930	"	0.929	ND	54.6	10-126		26.5	30	
Pyrene	1.82	0.0930	"	0.929	0.325	161	10-165		13.8	30	
Surrogate: SURR: 2-Fluorophenol	*0.840*		"	*1.86*		*45.2*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.881*		"	*1.86*		*47.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.466*		"	*0.929*		*50.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.403*		"	*0.929*		*43.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.12*		"	*1.86*		*60.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.579*		"	*0.929*		*62.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30313 - EPA 3550C											
Blank (BA30313-BLK1)									Prepared: 01/09/2023 Analyzed: 01/10/2023		
1,4-Dioxane	ND	20.0	ug/kg								
Surrogate: 1,4-Dioxane-d8	*351*		*"*	*500*		*70.1*	*39-127.5*				
LCS (BA30313-BS1)									Prepared: 01/09/2023 Analyzed: 01/10/2023		
1,4-Dioxane	546	20.0	ug/kg	500		109	40-130				
Surrogate: 1,4-Dioxane-d8	*316*		*"*	*500*		*63.1*	*39-127.5*				
Matrix Spike (BA30313-MS1)	*Source sample: 23A0317-03 (Matrix Spike)								Prepared: 01/09/2023 Analyzed: 01/10/2023		
1,4-Dioxane	515	19.6	ug/kg	490	ND	105	40-130				
Surrogate: 1,4-Dioxane-d8	*305*		*"*	*490*		*62.1*	*40-130*				
Matrix Spike Dup (BA30313-MSD1)	*Source sample: 23A0317-03 (Matrix Spike Dup)								Prepared: 01/09/2023 Analyzed: 01/10/2023		
1,4-Dioxane	525	19.6	ug/kg	490	ND	107	40-130		1.89	30	
Surrogate: 1,4-Dioxane-d8	*293*		*"*	*490*		*59.7*	*40-130*				
Batch BA30472 - EPA 3535A											
Blank (BA30472-BLK1)									Prepared: 01/11/2023 Analyzed: 01/12/2023		
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.36*		*"*	*4.00*		*84.1*	*36.6-118*				
LCS (BA30472-BS1)									Prepared: 01/11/2023 Analyzed: 01/12/2023		
1,4-Dioxane	4.22	0.300	ug/L	4.00		106	50-130				
Surrogate: 1,4-Dioxane-d8	*3.03*		*"*	*4.00*		*75.7*	*36.6-118*				
Matrix Spike (BA30472-MS1)	*Source sample: 23A0352-01 (Matrix Spike)								Prepared: 01/11/2023 Analyzed: 01/12/2023		
1,4-Dioxane	4.96	0.300	ug/L	4.00	0.944	100	50-130				
Surrogate: 1,4-Dioxane-d8	*2.66*		*"*	*4.00*		*66.6*	*50-130*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30472 - EPA 3535A											
Matrix Spike Dup (BA30472-MSD1)	*Source sample: 23A0352-01 (Matrix Spike Dup)								Prepared: 01/11/2023 Analyzed: 01/12/2023		
1,4-Dioxane	5.06	0.300	ug/L	4.00	0.944	103	50-130		1.92	30	
Surrogate: 1,4-Dioxane-d8	*2.76*		*"*	*4.00*		*69.0*	*50-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
Blank (BA30361-BLK1)											Prepared: 01/10/2023 Analyzed: 01/16/2023
Perfluorobutanesulfonic acid (PFBS)	ND	0.199	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.199	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.199	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.199	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.795	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.795	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.398	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.199	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.795	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.795	"								
9CL-PF3ONS	ND	0.795	"								
ADONA	ND	0.795	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.199	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.199	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.994	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.97	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.00*		"	*2.32*		*86.4*	*25-150*				
Surrogate: M5PFHxA	*2.49*		"	*2.49*		*100*	*25-150*				
Surrogate: M4PFHpA	*2.43*		"	*2.49*		*97.6*	*25-150*				
Surrogate: M3PFHxS	*2.28*		"	*2.36*		*96.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.15*		"	*2.49*		*86.4*	*25-150*				
Surrogate: M6PFDA	*1.19*		"	*1.24*		*95.4*	*25-150*				
Surrogate: M7PFUdA	*1.11*		"	*1.24*		*89.0*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
Blank (BA30361-BLK1)								Prepared: 01/10/2023 Analyzed: 01/16/2023			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.926*		*ug/kg wet*	*1.24*		*74.6*	*25-150*				
Surrogate: M2PFTeDA	*0.735*		*"*	*1.24*		*59.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.5*		*"*	*9.94*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.23*		*"*	*2.38*		*93.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.33*		*"*	*4.97*		*107*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.466*		*"*	*2.49*		*18.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.45*		*"*	*4.97*		*69.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.33*		*"*	*4.97*		*67.0*	*25-150*				
Surrogate: M2-6:2 FTS	*3.71*		*"*	*4.73*		*78.4*	*25-200*				
Surrogate: M2-8:2 FTS	*3.06*		*"*	*4.77*		*64.2*	*25-200*				
Surrogate: M9PFNA	*1.44*		*"*	*1.24*		*116*	*25-150*				
Surrogate: M2-4:2 FTS	*3.07*		*"*	*4.66*		*65.8*	*25-150*				
Surrogate: d-N-MeFOSA	*0.546*		*"*	*2.49*		*22.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.60*		*"*	*2.49*		*64.2*	*25-150*				
Surrogate: M3HFPO-DA	*9.18*		*"*	*9.94*		*92.4*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.58*		*"*	*24.9*		*22.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.86*		*"*	*24.9*		*23.6*	*25-150*				
LCS (BA30361-BS1)								Prepared: 01/10/2023 Analyzed: 01/16/2023			
Perfluorobutanesulfonic acid (PFBS)	3.23	0.200	ug/kg wet	3.53		91.3	50-150				
Perfluorohexanoic acid (PFHxA)	3.65	0.200	"	3.99		91.3	50-150				
Perfluoroheptanoic acid (PFHpA)	3.78	0.200	"	3.99		94.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.50	0.200	"	3.65		123	50-150				
Perfluorooctanoic acid (PFOA)	3.44	0.200	"	3.99		86.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.20	0.200	"	3.71		86.2	50-150				
Perfluorononanoic acid (PFNA)	3.11	0.200	"	3.99		78.0	50-150				
Perfluorodecanoic acid (PFDA)	3.77	0.200	"	3.99		94.5	50-150				
Perfluoroundecanoic acid (PFUnA)	3.48	0.200	"	3.99		87.1	50-150				
Perfluorododecanoic acid (PFDoA)	3.90	0.200	"	3.99		97.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.23	0.200	"	3.99		106	50-150				
Perfluorotetradecanoic acid (PFTA)	3.40	0.200	"	3.99		85.2	50-150				
N-MeFOSAA	3.39	0.200	"	3.99		85.0	50-150				
N-EtFOSAA	3.77	0.200	"	3.99		94.4	50-150				
Perfluoropentanoic acid (PFPeA)	7.19	0.399	"	7.98		90.1	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.82	0.200	"	3.99		95.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.82	0.200	"	3.81		100	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.22	0.200	"	3.85		83.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	13.8	0.798	"	15.2		90.9	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	14.5	0.798	"	15.3		94.9	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.1	0.798	"	16.0		88.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.95	0.399	"	7.11		97.8	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.58	0.399	"	7.98		69.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.23	0.399	"	7.98		103	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.39	0.399	"	7.98		92.6	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.44	0.200	"	3.75		91.6	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
LCS (BA30361-BS1)								Prepared: 01/10/2023 Analyzed: 01/16/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	13.2	0.798	ug/kg wet	15.0		88.0	50-150				
HFPO-DA (Gen-X)	7.21	0.798	"	7.98		90.3	50-150				
11CL-PF3OUdS	5.97	0.798	"	7.54		79.1	50-150				
9CL-PF3ONS	6.99	0.798	"	7.47		93.6	50-150				
ADONA	7.90	0.798	"	7.54		105	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.59	0.200	"	3.87		66.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.90	0.200	"	3.83		102	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	5.10	0.998	"	16.0		31.9	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	39.3	4.99	"	79.8		49.2	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	40.6	4.99	"	79.8		50.8	50-150				
N-MeFOSE	33.4	2.00	"	39.9		83.8	50-150				
N-MeFOSA	4.64	0.200	"	3.99		116	50-150				
N-EtFOSE	35.8	2.00	"	39.9		89.7	50-150				
N-EtFOSA	2.87	0.200	"	3.99		71.9	50-150				
Surrogate: M3PFBS	*2.26*		"	*2.33*		*97.0*	*25-150*				
Surrogate: M5PFHxA	*2.57*		"	*2.50*		*103*	*25-150*				
Surrogate: M4PFHpA	*2.19*		"	*2.50*		*87.8*	*25-150*				
Surrogate: M3PFHxS	*2.33*		"	*2.37*		*98.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.40*		"	*2.50*		*96.2*	*25-150*				
Surrogate: M6PFDA	*1.02*		"	*1.25*		*81.7*	*25-150*				
Surrogate: M7PFUdA	*0.992*		"	*1.25*		*79.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.835*		"	*1.25*		*66.9*	*25-150*				
Surrogate: M2PFTeDA	*0.625*		"	*1.25*		*50.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.1*		"	*9.98*		*111*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.24*		"	*2.39*		*93.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.50*		"	*4.99*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.528*		"	*2.50*		*21.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.64*		"	*4.99*		*73.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.55*		"	*4.99*		*71.2*	*25-150*				
Surrogate: M2-6:2 FTS	*4.42*		"	*4.75*		*93.1*	*25-200*				
Surrogate: M2-8:2 FTS	*3.74*		"	*4.79*		*78.1*	*25-200*				
Surrogate: M9PFNA	*1.35*		"	*1.25*		*108*	*25-150*				
Surrogate: M2-4:2 FTS	*3.68*		"	*4.68*		*78.6*	*25-150*				
Surrogate: d-N-MeFOSA	*0.473*		"	*2.50*		*18.9*	*25-150*				
Surrogate: d-N-EtFOSA	*1.41*		"	*2.50*		*56.6*	*25-150*				
Surrogate: M3HFPO-DA	*9.97*		"	*9.98*		*99.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.02*		"	*25.0*		*20.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.82*		"	*25.0*		*23.3*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
LCS (BA30361-BS2)								Prepared: 01/10/2023 Analyzed: 01/16/2023			
Perfluorobutanesulfonic acid (PFBS)	0.298	0.199	ug/kg wet	0.353		84.5	50-150				
Perfluorohexanoic acid (PFHxA)	0.335	0.199	"	0.398		84.2	50-150				
Perfluoroheptanoic acid (PFHpA)	0.351	0.199	"	0.398		88.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.409	0.199	"	0.365		112	50-150				
Perfluorooctanoic acid (PFOA)	0.381	0.199	"	0.398		95.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.363	0.199	"	0.371		98.0	50-150				
Perfluorononanoic acid (PFNA)	0.322	0.199	"	0.398		80.9	50-150				
Perfluorodecanoic acid (PFDA)	0.317	0.199	"	0.398		79.6	50-150				
Perfluoroundecanoic acid (PFUnA)	0.344	0.199	"	0.398		86.4	50-150				
Perfluorododecanoic acid (PFDoA)	0.362	0.199	"	0.398		90.9	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.305	0.199	"	0.398		76.6	50-150				
Perfluorotetradecanoic acid (PFTA)	0.349	0.199	"	0.398		87.7	50-150				
N-MeFOSAA	0.349	0.199	"	0.398		87.6	50-150				
N-EtFOSAA	0.368	0.199	"	0.398		92.4	50-150				
Perfluoropentanoic acid (PFPeA)	0.677	0.398	"	0.797		85.0	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.383	0.199	"	0.398		96.1	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.377	0.199	"	0.380		99.1	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.239	0.199	"	0.384		62.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.25	0.797	"	1.51		82.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.37	0.797	"	1.53		89.6	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.31	0.797	"	1.59		82.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.704	0.398	"	0.709		99.2	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.702	0.398	"	0.797		88.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.775	0.398	"	0.797		97.3	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.708	0.398	"	0.797		88.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.312	0.199	"	0.375		83.4	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.43	0.797	"	1.49		95.4	50-150				
HFPO-DA (Gen-X)	0.696	0.797	"	0.797		87.4	50-150				
11CL-PF3OUdS	0.653	0.797	"	0.753		86.7	50-150				
9CL-PF3ONS	0.765	0.797	"	0.745		103	50-150				
ADONA	0.822	0.797	"	0.753		109	50-150				
Perfluorododecanesulfonic acid (PFDoS)	ND	0.199	"	0.386			50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.381	0.199	"	0.382		99.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.996	"	1.59			50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	2.97	4.98	"	7.97		37.3	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	3.43	4.98	"	7.97		43.1	50-150	Low Bias			
N-MeFOSE	3.50	1.99	"	3.98		87.8	50-150				
N-MeFOSA	0.551	0.199	"	0.398		138	50-150				
N-EtFOSE	3.51	1.99	"	3.98		88.1	50-150				
N-EtFOSA	ND	0.199	"	0.398			50-150	Low Bias			
Surrogate: M3PFBS	*2.38*		"	*2.32*		*102*	*25-150*				
Surrogate: M5PFHxA	*2.73*		"	*2.49*		*110*	*25-150*				
Surrogate: M4PFHpA	*2.42*		"	*2.49*		*97.0*	*25-150*				
Surrogate: M3PFHxS	*2.47*		"	*2.36*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.27*		"	*2.49*		*91.2*	*25-150*				
Surrogate: M6PFDA	*1.20*		"	*1.25*		*96.6*	*25-150*				
Surrogate: M7PFUdA	*1.08*		"	*1.25*		*86.6*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
LCS (BA30361-BS2)									Prepared: 01/10/2023 Analyzed: 01/16/2023		
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.854*		*ug/kg wet*	*1.25*		*68.6*	*25-150*				
Surrogate: M2PFTeDA	*0.680*		*"*	*1.25*		*54.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.4*		*"*	*9.96*		*114*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.54*		*"*	*2.39*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.94*		*"*	*4.98*		*119*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.481*		*"*	*2.49*		*19.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.06*		*"*	*4.98*		*81.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.27*		*"*	*4.98*		*85.8*	*25-150*				
Surrogate: M2-6:2 FTS	*4.17*		*"*	*4.74*		*88.0*	*25-200*				
Surrogate: M2-8:2 FTS	*3.72*		*"*	*4.78*		*77.7*	*25-200*				
Surrogate: M9PFNA	*1.26*		*"*	*1.25*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*3.08*		*"*	*4.67*		*65.9*	*25-150*				
Surrogate: d-N-MeFOSA	*0.400*		*"*	*2.49*		*16.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.32*		*"*	*2.49*		*53.0*	*25-150*				
Surrogate: M3HFPO-DA	*9.82*		*"*	*9.96*		*98.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.56*		*"*	*24.9*		*22.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.37*		*"*	*24.9*		*21.6*	*25-150*				
Duplicate (BA30361-DUP1)	*Source sample: 23A0372-02 (Duplicate)								Prepared: 01/10/2023 Analyzed: 01/16/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.212	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.212	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.212	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.212	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.212	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	0.180	0.212	"		0.185				2.99	30	
Perfluorononanoic acid (PFNA)	ND	0.212	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.212	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.212	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.212	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.212	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.212	"		ND					30	
N-MeFOSAA	ND	0.212	"		ND					30	
N-EtFOSAA	ND	0.212	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.424	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.212	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.212	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.212	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.849	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.849	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.849	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.424	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.424	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.424	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.424	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.212	"		ND					30	

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
Duplicate (BA30361-DUP1)	*Source sample: 23A0372-02 (Duplicate)								Prepared: 01/10/2023 Analyzed: 01/16/2023		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.849	ug/kg dry		ND					30	
HFPO-DA (Gen-X)	ND	0.849	"		ND					30	
11CL-PF3OUdS	ND	0.849	"		ND					30	
9CL-PF3ONS	ND	0.849	"		ND					30	
ADONA	ND	0.849	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	0.212	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.212	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.06	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.31	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.31	"		ND					30	
N-MeFOSE	ND	2.12	"		ND					30	
N-MeFOSA	ND	0.212	"		ND					30	
N-EtFOSE	ND	2.12	"		ND					30	
N-EtFOSA	ND	0.212	"		ND					30	
Surrogate: M3PFBS	*2.39*		"	*2.47*		*96.8*	*25-150*				
Surrogate: M5PFHxA	*2.27*		"	*2.65*		*85.6*	*25-150*				
Surrogate: M4PFHpA	*2.17*		"	*2.65*		*81.7*	*25-150*				
Surrogate: M3PFHxS	*2.75*		"	*2.51*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.14*		"	*2.65*		*80.6*	*25-150*				
Surrogate: M6PFDA	*0.903*		"	*1.33*		*68.1*	*25-150*				
Surrogate: M7PFUdA	*0.658*		"	*1.33*		*49.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.500*		"	*1.33*		*37.7*	*25-150*				
Surrogate: M2PFTeDA	*0.284*		"	*1.33*		*21.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.29*		"	*10.6*		*87.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.52*		"	*2.54*		*99.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.78*		"	*5.31*		*90.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.205*		"	*2.65*		*7.73*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.29*		"	*5.31*		*24.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*1.33*		"	*5.31*		*25.2*	*25-150*				
Surrogate: M2-6:2 FTS	*2.82*		"	*5.05*		*55.8*	*25-200*				
Surrogate: M2-8:2 FTS	*2.15*		"	*5.09*		*42.3*	*25-200*				
Surrogate: M9PFNA	*1.14*		"	*1.33*		*86.1*	*25-150*				
Surrogate: M2-4:2 FTS	*2.32*		"	*4.98*		*46.6*	*25-150*				
Surrogate: d-N-MeFOSA	*0.299*		"	*2.65*		*11.3*	*25-150*				
Surrogate: d-N-EtFOSA	*1.56*		"	*2.65*		*58.9*	*25-150*				
Surrogate: M3HFPO-DA	*9.83*		"	*10.6*		*92.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*4.92*		"	*26.5*		*18.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.07*		"	*26.5*		*19.1*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

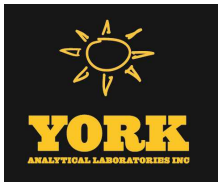
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
Blank (BA30396-BLK1)									Prepared: 01/10/2023 Analyzed: 01/13/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	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	4.00	"								
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	8.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	8.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	4.00	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	8.00	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	8.00	"								
9CL-PF3ONS	ND	8.00	"								
ADONA	ND	8.00	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	2.00	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	2.00	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	0.975	0.200	"								
Surrogate: M3PFBS	*37.3*		"	*46.6*		*80.1*	*25-150*				
Surrogate: M5PFHxA	*39.4*		"	*50.0*		*78.8*	*25-150*				
Surrogate: M4PFHpA	*34.5*		"	*50.0*		*69.0*	*25-150*				
Surrogate: M3PFHxS	*49.2*		"	*47.4*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*33.4*		"	*50.0*		*66.8*	*25-150*				
Surrogate: M6PFDA	*21.0*		"	*25.0*		*84.2*	*25-150*				
Surrogate: M7PFUdA	*19.1*		"	*25.0*		*76.6*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
Blank (BA30396-BLK1)											Prepared: 01/10/2023 Analyzed: 01/13/2023
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*15.9*		*ng/L*	*25.0*		*63.8*	*25-150*				
Surrogate: M2PFTeDA	*14.6*		*"*	*25.0*		*58.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*167*		*"*	*200*		*83.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*51.2*		*"*	*47.9*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*78.8*		*"*	*100*		*78.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*5.65*		*"*	*50.0*		*11.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*83.2*		*"*	*100*		*83.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*88.2*		*"*	*100*		*88.2*	*25-150*				
Surrogate: M2-6:2 FTS	*69.8*		*"*	*95.1*		*73.4*	*25-200*				
Surrogate: M2-8:2 FTS	*65.1*		*"*	*96.0*		*67.8*	*25-200*				
Surrogate: M9PFNA	*21.2*		*"*	*25.0*		*84.9*	*25-150*				
Surrogate: M2-4:2 FTS	*64.2*		*"*	*93.8*		*68.4*	*25-150*				
Surrogate: d-N-MeFOSA	*11.5*		*"*	*50.0*		*23.1*	*25-150*				
Surrogate: d-N-EtFOSA	*34.3*		*"*	*50.0*		*68.6*	*25-150*				
Surrogate: M3HFPO-DA	*141*		*"*	*200*		*70.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*121*		*"*	*500*		*24.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*113*		*"*	*500*		*22.7*	*25-150*				
LCS (BA30396-BS1)											Prepared: 01/10/2023 Analyzed: 01/13/2023
Perfluorobutanesulfonic acid (PFBS)	66.6	2.00	ng/L	70.8		94.0	50-150				
Perfluorohexanoic acid (PFHxA)	74.8	2.00	"	80.0		93.5	50-150				
Perfluoroheptanoic acid (PFHpA)	82.3	2.00	"	80.0		103	50-150				
Perfluorohexanesulfonic acid (PFHxS)	82.6	2.00	"	73.2		113	50-150				
Perfluorooctanoic acid (PFOA)	69.9	2.00	"	80.0		87.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	69.2	2.00	"	74.4		93.1	50-150				
Perfluorononanoic acid (PFNA)	66.9	2.00	"	80.0		83.6	50-150				
Perfluorodecanoic acid (PFDA)	72.3	2.00	"	80.0		90.4	50-150				
Perfluoroundecanoic acid (PFUnA)	73.3	2.00	"	80.0		91.6	50-150				
Perfluorododecanoic acid (PFDoA)	77.6	2.00	"	80.0		97.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	91.7	2.00	"	80.0		115	50-150				
Perfluorotetradecanoic acid (PFTA)	73.2	2.00	"	80.0		91.6	50-150				
N-MeFOSAA	73.9	2.00	"	80.0		92.3	50-150				
N-EtFOSAA	71.6	2.00	"	80.0		89.6	50-150				
Perfluoropentanoic acid (PFPeA)	148	4.00	"	160		92.3	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	75.1	2.00	"	80.0		93.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	73.9	2.00	"	76.4		96.8	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	68.3	2.00	"	77.2		88.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	293	8.00	"	304		96.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	279	8.00	"	307		90.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	288	8.00	"	320		90.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	148	4.00	"	142		104	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	108	4.00	"	160		67.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	156	4.00	"	160		97.7	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	152	4.00	"	160		94.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	63.8	2.00	"	75.2		84.8	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
LCS (BA30396-BS1)								Prepared: 01/10/2023 Analyzed: 01/13/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	269	8.00	ng/L	300		89.8	50-150				
HFPO-DA (Gen-X)	155	8.00	"	160		96.6	50-150				
11CL-PF3OUdS	185	8.00	"	151		122	50-150				
9CL-PF3ONS	206	8.00	"	150		138	50-150				
ADONA	180	8.00	"	151		119	50-150				
Perfluorododecanesulfonic acid (PFDoS)	63.0	2.00	"	77.6		81.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	79.6	2.00	"	76.8		104	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	200	5.00	"	320		62.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	1330	25.0	"	1600		83.3	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	1430	25.0	"	1600		89.6	50-150				
N-MeFOSE	717	20.0	"	800		89.7	50-150				
N-MeFOSA	101	2.00	"	80.0		127	50-150				
N-EtFOSE	793	20.0	"	800		99.2	50-150				
N-EtFOSA	48.0	0.200	"	80.0		60.0	50-150				
Surrogate: M3PFBS	*38.7*		"	*46.6*		*83.0*	*25-150*				
Surrogate: M5PFHxA	*43.1*		"	*50.0*		*86.2*	*25-150*				
Surrogate: M4PFHpA	*38.2*		"	*50.0*		*76.3*	*25-150*				
Surrogate: M3PFHxS	*48.4*		"	*47.4*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*42.5*		"	*50.0*		*85.0*	*25-150*				
Surrogate: M6PFDA	*20.8*		"	*25.0*		*83.2*	*25-150*				
Surrogate: M7PFUdA	*19.5*		"	*25.0*		*78.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*17.1*		"	*25.0*		*68.4*	*25-150*				
Surrogate: M2PFTeDA	*14.4*		"	*25.0*		*57.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*187*		"	*200*		*93.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*44.6*		"	*47.9*		*93.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*86.4*		"	*100*		*86.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.69*		"	*50.0*		*13.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*72.7*		"	*100*		*72.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*71.1*		"	*100*		*71.1*	*25-150*				
Surrogate: M2-6:2 FTS	*76.8*		"	*95.1*		*80.7*	*25-200*				
Surrogate: M2-8:2 FTS	*77.2*		"	*96.0*		*80.5*	*25-200*				
Surrogate: M9PFNA	*23.4*		"	*25.0*		*93.4*	*25-150*				
Surrogate: M2-4:2 FTS	*70.5*		"	*93.8*		*75.2*	*25-150*				
Surrogate: d-N-MeFOSA	*9.49*		"	*50.0*		*19.0*	*25-150*				
Surrogate: d-N-EtFOSA	*30.6*		"	*50.0*		*61.2*	*25-150*				
Surrogate: M3HFPO-DA	*140*		"	*200*		*70.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*112*		"	*500*		*22.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*120*		"	*500*		*23.9*	*25-150*				



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
LCS (BA30396-BS2)								Prepared: 01/10/2023 Analyzed: 01/13/2023			
Perfluorobutanesulfonic acid (PFBS)	7.09	2.00	ng/L	7.08		100	50-150				
Perfluorohexanoic acid (PFHxA)	7.52	2.00	"	8.00		94.0	50-150				
Perfluoroheptanoic acid (PFHpA)	7.43	2.00	"	8.00		92.9	50-150				
Perfluorohexanesulfonic acid (PFHxS)	9.07	2.00	"	7.32		124	50-150				
Perfluorooctanoic acid (PFOA)	7.71	2.00	"	8.00		96.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	6.93	2.00	"	7.44		93.2	50-150				
Perfluorononanoic acid (PFNA)	6.32	2.00	"	8.00		79.0	50-150				
Perfluorodecanoic acid (PFDA)	7.51	2.00	"	8.00		93.9	50-150				
Perfluoroundecanoic acid (PFUnA)	6.76	2.00	"	8.00		84.5	50-150				
Perfluorododecanoic acid (PFDoA)	7.17	2.00	"	8.00		89.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	7.77	2.00	"	8.00		97.1	50-150				
Perfluorotetradecanoic acid (PFTA)	7.77	2.00	"	8.00		97.1	50-150				
N-MeFOSAA	7.70	2.00	"	8.00		96.3	50-150				
N-EtFOSAA	7.81	2.00	"	8.00		97.6	50-150				
Perfluoropentanoic acid (PFPeA)	14.5	4.00	"	16.0		90.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	7.11	2.00	"	8.00		88.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	7.81	2.00	"	7.64		102	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	7.88	2.00	"	7.72		102	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	28.8	8.00	"	30.4		94.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	32.0	8.00	"	30.7		104	50-150				
Perfluoro-n-butanoic acid (PFBA)	27.8	8.00	"	32.0		86.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	15.4	4.00	"	14.2		108	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.53	4.00	"	16.0		53.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	15.8	4.00	"	16.0		98.6	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	14.6	4.00	"	16.0		91.4	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	6.52	2.00	"	7.52		86.7	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	29.2	8.00	"	30.0		97.5	50-150				
HFPO-DA (Gen-X)	12.7	8.00	"	16.0		79.5	50-150				
11CL-PF3OUdS	17.3	8.00	"	15.1		114	50-150				
9CL-PF3ONS	18.9	8.00	"	15.0		126	50-150				
ADONA	16.4	8.00	"	15.1		108	50-150				
Perfluorododecanesulfonic acid (PFDoS)	6.24	2.00	"	7.76		80.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	8.88	2.00	"	7.68		116	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	7.10	5.00	"	32.0		22.2	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	51.0	25.0	"	160		31.9	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	63.3	25.0	"	160		39.5	50-150	Low Bias			
N-MeFOSE	67.0	20.0	"	80.0		83.7	50-150				
N-MeFOSA	8.68	2.00	"	8.00		109	50-150				
N-EtFOSE	71.6	20.0	"	80.0		89.4	50-150				
N-EtFOSA	5.88	0.200	"	8.00		73.6	50-150				
Surrogate: M3PFBS	*33.7*		*"*	*46.6*		*72.4*	*25-150*				
Surrogate: M5PFHxA	*39.6*		*"*	*50.0*		*79.2*	*25-150*				
Surrogate: M4PFHpA	*36.5*		*"*	*50.0*		*73.1*	*25-150*				
Surrogate: M3PFHxS	*39.9*		*"*	*47.4*		*84.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*34.8*		*"*	*50.0*		*69.6*	*25-150*				
Surrogate: M6PFDA	*19.6*		*"*	*25.0*		*78.3*	*25-150*				
Surrogate: M7PFUdA	*21.4*		*"*	*25.0*		*85.4*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
LCS (BA30396-BS2)								Prepared: 01/10/2023 Analyzed: 01/13/2023			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*17.6*		*ng/L*	*25.0*		*70.4*	*25-150*				
Surrogate: M2PFTeDA	*15.0*		*"*	*25.0*		*59.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*165*		*"*	*200*		*82.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*42.1*		*"*	*47.9*		*88.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*80.0*		*"*	*100*		*80.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.36*		*"*	*50.0*		*12.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*74.5*		*"*	*100*		*74.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*72.1*		*"*	*100*		*72.1*	*25-150*				
Surrogate: M2-6:2 FTS	*65.4*		*"*	*95.1*		*68.8*	*25-200*				
Surrogate: M2-8:2 FTS	*61.9*		*"*	*96.0*		*64.5*	*25-200*				
Surrogate: M9PFNA	*22.0*		*"*	*25.0*		*87.9*	*25-150*				
Surrogate: M2-4:2 FTS	*57.6*		*"*	*93.8*		*61.4*	*25-150*				
Surrogate: d-N-MeFOSA	*9.50*		*"*	*50.0*		*19.0*	*25-150*				
Surrogate: d-N-EtFOSA	*26.1*		*"*	*50.0*		*52.2*	*25-150*				
Surrogate: M3HFPO-DA	*144*		*"*	*200*		*72.1*	*25-150*				
Surrogate: d9-N-EtFOSE	*148*		*"*	*500*		*29.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*124*		*"*	*500*		*24.8*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30223 - EPA SW846-3510C Low Level											
Blank (BA30223-BLK1)								Prepared: 01/06/2023 Analyzed: 01/09/2023			
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	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.167*		*"*	*0.200*		*83.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.170*		*"*	*0.200*		*84.8*	*30-150*				
LCS (BA30223-BS1)								Prepared: 01/06/2023 Analyzed: 01/09/2023			
4,4'-DDD	0.0976	0.00400	ug/L	0.100		97.6	40-140			20	
4,4'-DDE	0.107	0.00400	"	0.100		107	40-140			20	
4,4'-DDT	0.131	0.00400	"	0.100		131	40-140			20	
Aldrin	0.0981	0.00400	"	0.100		98.1	40-140			20	
alpha-BHC	0.0835	0.00400	"	0.100		83.5	40-140			20	
alpha-Chlordane	0.101	0.00400	"	0.100		101	40-140			20	
beta-BHC	0.120	0.00400	"	0.100		120	40-140			20	
delta-BHC	0.108	0.00400	"	0.100		108	40-140			20	
Dieldrin	0.106	0.00200	"	0.100		106	40-140			20	
Endosulfan I	0.101	0.00400	"	0.100		101	40-140			20	
Endosulfan II	0.102	0.00400	"	0.100		102	40-140			20	
Endosulfan sulfate	0.107	0.00400	"	0.100		107	40-140			20	
Endrin	0.113	0.00400	"	0.100		113	40-140			20	
Endrin aldehyde	0.118	0.0100	"	0.100		118	40-140			20	
Endrin ketone	0.104	0.0100	"	0.100		104	40-140			20	
gamma-BHC (Lindane)	0.100	0.00400	"	0.100		100	40-140			20	
gamma-Chlordane	0.0934	0.0100	"	0.100		93.4	40-140			20	
Heptachlor	0.110	0.00400	"	0.100		110	40-140			20	
Heptachlor epoxide	0.103	0.00400	"	0.100		103	40-140			20	
Methoxychlor	0.142	0.00400	"	0.100		142	40-140	High Bias		20	
Surrogate: Decachlorobiphenyl	*0.150*		*"*	*0.200*		*74.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.160*		*"*	*0.200*		*80.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30223 - EPA SW846-3510C Low Level											
LCS Dup (BA30223-BSD1)									Prepared: 01/06/2023 Analyzed: 01/09/2023		
4,4'-DDD	0.107	0.00400	ug/L	0.100		107	40-140		9.00	20	
4,4'-DDE	0.115	0.00400	"	0.100		115	40-140		6.82	20	
4,4'-DDT	0.142	0.00400	"	0.100		142	40-140	High Bias	8.13	20	
Aldrin	0.103	0.00400	"	0.100		103	40-140		4.35	20	
alpha-BHC	0.0862	0.00400	"	0.100		86.2	40-140		3.20	20	
alpha-Chlordane	0.108	0.00400	"	0.100		108	40-140		6.54	20	
beta-BHC	0.122	0.00400	"	0.100		122	40-140		1.64	20	
delta-BHC	0.111	0.00400	"	0.100		111	40-140		2.69	20	
Dieldrin	0.115	0.00200	"	0.100		115	40-140		7.90	20	
Endosulfan I	0.109	0.00400	"	0.100		109	40-140		7.82	20	
Endosulfan II	0.109	0.00400	"	0.100		109	40-140		7.21	20	
Endosulfan sulfate	0.117	0.00400	"	0.100		117	40-140		8.70	20	
Endrin	0.123	0.00400	"	0.100		123	40-140		8.24	20	
Endrin aldehyde	0.131	0.0100	"	0.100		131	40-140		10.7	20	
Endrin ketone	0.115	0.0100	"	0.100		115	40-140		9.35	20	
gamma-BHC (Lindane)	0.103	0.00400	"	0.100		103	40-140		2.85	20	
gamma-Chlordane	0.100	0.0100	"	0.100		100	40-140		7.17	20	
Heptachlor	0.114	0.00400	"	0.100		114	40-140		3.83	20	
Heptachlor epoxide	0.111	0.00400	"	0.100		111	40-140		7.41	20	
Methoxychlor	0.153	0.00400	"	0.100		153	40-140	High Bias	7.82	20	
Surrogate: Decachlorobiphenyl	*0.165*		*"*	*0.200*		*82.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.170*		*"*	*0.200*		*85.0*	*30-150*				
Batch BA30239 - EPA 3550C											
Blank (BA30239-BLK1)									Prepared: 01/06/2023 Analyzed: 01/09/2023		
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	*0.0533*		*"*	*0.0664*		*80.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0559*		*"*	*0.0664*		*84.2*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30239 - EPA 3550C											
LCS (BA30239-BS1)									Prepared: 01/06/2023 Analyzed: 01/09/2023		
4,4'-DDD	0.0269	0.00164	mg/kg wet	0.0332		81.1	40-140				
4,4'-DDE	0.0246	0.00164	"	0.0332		74.2	40-140				
4,4'-DDT	0.0226	0.00164	"	0.0332		68.0	40-140				
Aldrin	0.0238	0.00164	"	0.0332		71.7	40-140				
alpha-BHC	0.0242	0.00164	"	0.0332		72.8	40-140				
alpha-Chlordane	0.0256	0.00164	"	0.0332		77.2	40-140				
beta-BHC	0.0297	0.00164	"	0.0332		89.3	40-140				
delta-BHC	0.0269	0.00164	"	0.0332		80.9	40-140				
Dieldrin	0.0248	0.00164	"	0.0332		74.6	40-140				
Endosulfan I	0.0251	0.00164	"	0.0332		75.5	40-140				
Endosulfan II	0.0262	0.00164	"	0.0332		78.8	40-140				
Endosulfan sulfate	0.0271	0.00164	"	0.0332		81.4	40-140				
Endrin	0.0246	0.00164	"	0.0332		74.0	40-140				
Endrin aldehyde	0.0286	0.00164	"	0.0332		86.0	40-140				
Endrin ketone	0.0261	0.00164	"	0.0332		78.5	40-140				
gamma-BHC (Lindane)	0.0250	0.00164	"	0.0332		75.2	40-140				
gamma-Chlordane	0.0269	0.00164	"	0.0332		80.9	40-140				
Heptachlor	0.0245	0.00164	"	0.0332		73.7	40-140				
Heptachlor epoxide	0.0255	0.00164	"	0.0332		76.9	40-140				
Methoxychlor	0.0273	0.00164	"	0.0332		82.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0487*		*"*	*0.0664*		*73.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0562*		*"*	*0.0664*		*84.6*	*30-150*				
Matrix Spike (BA30239-MS1)	*Source sample: 23A0238-02 (Matrix Spike)								Prepared: 01/06/2023 Analyzed: 01/09/2023		
4,4'-DDD	0.0322	0.00184	mg/kg dry	0.0371	ND	86.7	30-150				
4,4'-DDE	0.0258	0.00184	"	0.0371	ND	69.5	30-150				
4,4'-DDT	0.0241	0.00184	"	0.0371	ND	64.8	30-150				
Aldrin	0.0266	0.00184	"	0.0371	ND	71.7	30-150				
alpha-BHC	0.0351	0.00184	"	0.0371	ND	94.7	30-150				
alpha-Chlordane	0.0274	0.00184	"	0.0371	ND	73.8	30-150				
beta-BHC	0.0262	0.00184	"	0.0371	ND	70.5	30-150				
delta-BHC	0.0277	0.00184	"	0.0371	ND	74.5	30-150				
Dieldrin	0.0275	0.00184	"	0.0371	ND	74.2	30-150				
Endosulfan I	0.0272	0.00184	"	0.0371	ND	73.4	30-150				
Endosulfan II	0.0305	0.00184	"	0.0371	ND	82.1	30-150				
Endosulfan sulfate	0.0325	0.00184	"	0.0371	ND	87.5	30-150				
Endrin	0.0267	0.00184	"	0.0371	ND	71.8	30-150				
Endrin aldehyde	0.0345	0.00184	"	0.0371	ND	93.1	30-150				
Endrin ketone	0.0328	0.00184	"	0.0371	ND	88.3	30-150				
gamma-BHC (Lindane)	0.0266	0.00184	"	0.0371	ND	71.8	30-150				
gamma-Chlordane	0.0275	0.00184	"	0.0371	ND	74.2	30-150				
Heptachlor	0.0261	0.00184	"	0.0371	ND	70.3	30-150				
Heptachlor epoxide	0.0272	0.00184	"	0.0371	ND	73.2	30-150				
Methoxychlor	0.0289	0.00184	"	0.0371	ND	77.8	30-150				
Surrogate: Decachlorobiphenyl	*0.0552*		*"*	*0.0742*		*74.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0591*		*"*	*0.0742*		*79.7*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30239 - EPA 3550C											
Matrix Spike Dup (BA30239-MSD1)	*Source sample: 23A0238-02 (Matrix Spike Dup)								Prepared: 01/06/2023 Analyzed: 01/10/2023		
4,4'-DDD	0.0322	0.00184	mg/kg dry	0.0371	ND	86.7	30-150		0.0577	30	
4,4'-DDE	0.0267	0.00184	"	0.0371	ND	72.0	30-150		3.60	30	
4,4'-DDT	0.0237	0.00184	"	0.0371	ND	63.8	30-150		1.56	30	
Aldrin	0.0267	0.00184	"	0.0371	ND	71.8	30-150		0.160	30	
alpha-BHC	0.0359	0.00184	"	0.0371	ND	96.6	30-150		2.05	30	
alpha-Chlordane	0.0278	0.00184	"	0.0371	ND	75.0	30-150		1.66	30	
beta-BHC	0.0281	0.00184	"	0.0371	ND	75.8	30-150		7.17	30	
delta-BHC	0.0287	0.00184	"	0.0371	ND	77.3	30-150		3.64	30	
Dieldrin	0.0285	0.00184	"	0.0371	ND	76.7	30-150		3.29	30	
Endosulfan I	0.0279	0.00184	"	0.0371	ND	75.2	30-150		2.43	30	
Endosulfan II	0.0311	0.00184	"	0.0371	ND	83.8	30-150		2.07	30	
Endosulfan sulfate	0.0325	0.00184	"	0.0371	ND	87.6	30-150		0.120	30	
Endrin	0.0272	0.00184	"	0.0371	ND	73.4	30-150		2.13	30	
Endrin aldehyde	0.0342	0.00184	"	0.0371	ND	92.2	30-150		0.928	30	
Endrin ketone	0.0329	0.00184	"	0.0371	ND	88.6	30-150		0.379	30	
gamma-BHC (Lindane)	0.0266	0.00184	"	0.0371	ND	71.6	30-150		0.265	30	
gamma-Chlordane	0.0284	0.00184	"	0.0371	ND	76.4	30-150		2.95	30	
Heptachlor	0.0271	0.00184	"	0.0371	ND	72.9	30-150		3.61	30	
Heptachlor epoxide	0.0279	0.00184	"	0.0371	ND	75.1	30-150		2.56	30	
Methoxychlor	0.0264	0.00184	"	0.0371	ND	71.3	30-150		8.81	30	
Surrogate: Decachlorobiphenyl	*0.0578*		*"*	*0.0742*		*77.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0636*		*"*	*0.0742*		*85.6*	*30-150*				
Batch BA30285 - EPA 3550C											
Blank (BA30285-BLK1)									Prepared: 01/07/2023 Analyzed: 01/11/2023		
4,4'-DDD	ND	0.00165	mg/kg wet								
4,4'-DDE	ND	0.00165	"								
4,4'-DDT	ND	0.00165	"								
Aldrin	ND	0.00165	"								
alpha-BHC	ND	0.00165	"								
alpha-Chlordane	ND	0.00165	"								
beta-BHC	ND	0.00165	"								
delta-BHC	ND	0.00165	"								
Dieldrin	ND	0.00165	"								
Endosulfan I	ND	0.00165	"								
Endosulfan II	ND	0.00165	"								
Endosulfan sulfate	ND	0.00165	"								
Endrin	ND	0.00165	"								
Endrin aldehyde	ND	0.00165	"								
Endrin ketone	ND	0.00165	"								
gamma-BHC (Lindane)	ND	0.00165	"								
gamma-Chlordane	ND	0.00165	"								
Heptachlor	ND	0.00165	"								
Heptachlor epoxide	ND	0.00165	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.165	"								
Chlordane, total	ND	0.0330	"								
Surrogate: Decachlorobiphenyl	*0.0481*		*"*	*0.0667*		*72.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0520*		*"*	*0.0667*		*78.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30285 - EPA 3550C											
LCS (BA30285-BS1)									Prepared: 01/07/2023 Analyzed: 01/11/2023		
4,4'-DDD	0.0297	0.00165	mg/kg wet	0.0333		89.0	40-140				
4,4'-DDE	0.0290	0.00165	"	0.0333		87.0	40-140				
4,4'-DDT	0.0272	0.00165	"	0.0333		81.6	40-140				
Aldrin	0.0310	0.00165	"	0.0333		93.1	40-140				
alpha-BHC	0.0254	0.00165	"	0.0333		76.2	40-140				
alpha-Chlordane	0.0302	0.00165	"	0.0333		90.5	40-140				
beta-BHC	0.0276	0.00165	"	0.0333		82.7	40-140				
delta-BHC	0.0278	0.00165	"	0.0333		83.3	40-140				
Dieldrin	0.0303	0.00165	"	0.0333		90.9	40-140				
Endosulfan I	0.0312	0.00165	"	0.0333		93.7	40-140				
Endosulfan II	0.0304	0.00165	"	0.0333		91.1	40-140				
Endosulfan sulfate	0.0292	0.00165	"	0.0333		87.5	40-140				
Endrin	0.0286	0.00165	"	0.0333		85.8	40-140				
Endrin aldehyde	0.0312	0.00165	"	0.0333		93.6	40-140				
Endrin ketone	0.0306	0.00165	"	0.0333		91.7	40-140				
gamma-BHC (Lindane)	0.0274	0.00165	"	0.0333		82.1	40-140				
gamma-Chlordane	0.0302	0.00165	"	0.0333		90.6	40-140				
Heptachlor	0.0291	0.00165	"	0.0333		87.2	40-140				
Heptachlor epoxide	0.0304	0.00165	"	0.0333		91.3	40-140				
Methoxychlor	0.0274	0.00165	"	0.0333		82.1	40-140				
Surrogate: Decachlorobiphenyl	*0.0577*		*"*	*0.0667*		*86.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0546*		*"*	*0.0667*		*81.9*	*30-150*				
Matrix Spike (BA30285-MS1)	*Source sample: 23A0263-02 (Matrix Spike)								Prepared: 01/07/2023 Analyzed: 01/11/2023		
4,4'-DDD	0.0300	0.00187	mg/kg dry	0.0377	ND	79.6	30-150				
4,4'-DDE	0.0305	0.00187	"	0.0377	ND	80.9	30-150				
4,4'-DDT	0.0264	0.00187	"	0.0377	ND	70.1	30-150				
Aldrin	0.0307	0.00187	"	0.0377	ND	81.5	30-150				
alpha-BHC	0.0258	0.00187	"	0.0377	ND	68.6	30-150				
alpha-Chlordane	0.0305	0.00187	"	0.0377	ND	80.9	30-150				
beta-BHC	0.0317	0.00187	"	0.0377	ND	84.0	30-150				
delta-BHC	0.0281	0.00187	"	0.0377	ND	74.5	30-150				
Dieldrin	0.0318	0.00187	"	0.0377	ND	84.3	30-150				
Endosulfan I	0.0325	0.00187	"	0.0377	ND	86.3	30-150				
Endosulfan II	0.0310	0.00187	"	0.0377	ND	82.2	30-150				
Endosulfan sulfate	0.0271	0.00187	"	0.0377	ND	71.8	30-150				
Endrin	0.0284	0.00187	"	0.0377	ND	75.3	30-150				
Endrin aldehyde	0.0291	0.00187	"	0.0377	ND	77.2	30-150				
Endrin ketone	0.0298	0.00187	"	0.0377	ND	79.0	30-150				
gamma-BHC (Lindane)	0.0298	0.00187	"	0.0377	ND	79.0	30-150				
gamma-Chlordane	0.0315	0.00187	"	0.0377	ND	83.6	30-150				
Heptachlor	0.0304	0.00187	"	0.0377	ND	80.5	30-150				
Heptachlor epoxide	0.0318	0.00187	"	0.0377	ND	84.4	30-150				
Methoxychlor	0.0252	0.00187	"	0.0377	ND	66.9	30-150				
Surrogate: Decachlorobiphenyl	*0.0647*		*"*	*0.0754*		*85.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0725*		*"*	*0.0754*		*96.2*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30285 - EPA 3550C											
Matrix Spike Dup (BA30285-MSD1)	*Source sample: 23A0263-02 (Matrix Spike Dup)								Prepared: 01/07/2023 Analyzed: 01/11/2023		
4,4'-DDD	0.0296	0.00187	mg/kg dry	0.0377	ND	78.6	30-150		1.29	30	
4,4'-DDE	0.0320	0.00187	"	0.0377	ND	84.8	30-150		4.79	30	
4,4'-DDT	0.0282	0.00187	"	0.0377	ND	74.8	30-150		6.46	30	
Aldrin	0.0319	0.00187	"	0.0377	ND	84.5	30-150		3.65	30	
alpha-BHC	0.0283	0.00187	"	0.0377	ND	75.1	30-150		9.16	30	
alpha-Chlordane	0.0313	0.00187	"	0.0377	ND	82.9	30-150		2.52	30	
beta-BHC	0.0297	0.00187	"	0.0377	ND	78.9	30-150		6.30	30	
delta-BHC	0.0296	0.00187	"	0.0377	ND	78.6	30-150		5.38	30	
Dieldrin	0.0339	0.00187	"	0.0377	ND	90.1	30-150		6.66	30	
Endosulfan I	0.0341	0.00187	"	0.0377	ND	90.4	30-150		4.68	30	
Endosulfan II	0.0317	0.00187	"	0.0377	ND	84.2	30-150		2.37	30	
Endosulfan sulfate	0.0283	0.00187	"	0.0377	ND	75.0	30-150		4.41	30	
Endrin	0.0287	0.00187	"	0.0377	ND	76.2	30-150		1.19	30	
Endrin aldehyde	0.0331	0.00187	"	0.0377	ND	87.8	30-150		12.9	30	
Endrin ketone	0.0307	0.00187	"	0.0377	ND	81.6	30-150		3.21	30	
gamma-BHC (Lindane)	0.0295	0.00187	"	0.0377	ND	78.3	30-150		0.960	30	
gamma-Chlordane	0.0331	0.00187	"	0.0377	ND	87.9	30-150		5.04	30	
Heptachlor	0.0312	0.00187	"	0.0377	ND	82.8	30-150		2.78	30	
Heptachlor epoxide	0.0331	0.00187	"	0.0377	ND	87.8	30-150		3.95	30	
Methoxychlor	0.0260	0.00187	"	0.0377	ND	69.1	30-150		3.19	30	
Surrogate: Decachlorobiphenyl	*0.0683*		*"*	*0.0754*		*90.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0731*		*"*	*0.0754*		*96.9*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30223 - EPA SW846-3510C Low Level											
Blank (BA30223-BLK2)								Prepared & Analyzed: 01/06/2023			
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	*0.158*		"	*0.200*		*79.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.219*		"	*0.200*		*110*	*30-150*				
LCS (BA30223-BS2)								Prepared & Analyzed: 01/06/2023			
Aroclor 1016	0.732	0.0500	ug/L	1.00		73.2	40-120			20	
Aroclor 1260	0.812	0.0500	"	1.00		81.2	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.139*		"	*0.200*		*69.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.179*		"	*0.200*		*89.5*	*30-150*				
LCS Dup (BA30223-BSD2)								Prepared & Analyzed: 01/06/2023			
Aroclor 1016	0.673	0.0500	ug/L	1.00		67.3	40-120		8.42	20	
Aroclor 1260	0.730	0.0500	"	1.00		73.0	40-120		10.7	20	
Surrogate: Tetrachloro-m-xylene	*0.135*		"	*0.200*		*67.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.163*		"	*0.200*		*81.5*	*30-150*				
Batch BA30239 - EPA 3550C											
Blank (BA30239-BLK2)								Prepared: 01/06/2023 Analyzed: 01/10/2023			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0611*		"	*0.0664*		*92.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0651*		"	*0.0664*		*98.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30239 - EPA 3550C											
LCS (BA30239-BS2)									Prepared: 01/06/2023 Analyzed: 01/10/2023		
Aroclor 1016	0.333	0.0166	mg/kg wet	0.332		100	40-130				
Aroclor 1260	0.359	0.0166	"	0.332		108	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0585*		"	*0.0664*		*88.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0615*		"	*0.0664*		*92.5*	*30-120*				
Matrix Spike (BA30239-MS2)	*Source sample: 23A0238-02 (Matrix Spike)								Prepared: 01/06/2023 Analyzed: 01/10/2023		
Aroclor 1016	0.213	0.0186	mg/kg dry	0.371	ND	57.5	40-140				
Aroclor 1260	0.292	0.0186	"	0.371	ND	78.6	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0583*		"	*0.0742*		*78.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0542*		"	*0.0742*		*73.0*	*30-120*				
Matrix Spike Dup (BA30239-MSD2)	*Source sample: 23A0238-02 (Matrix Spike Dup)								Prepared: 01/06/2023 Analyzed: 01/10/2023		
Aroclor 1016	0.193	0.0186	mg/kg dry	0.371	ND	52.1	40-140		9.82	50	
Aroclor 1260	0.272	0.0186	"	0.371	ND	73.4	40-140		6.82	50	
Surrogate: Tetrachloro-m-xylene	*0.0605*		"	*0.0742*		*81.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0505*		"	*0.0742*		*68.0*	*30-120*				
Batch BA30285 - EPA 3550C											
Blank (BA30285-BLK2)									Prepared: 01/07/2023 Analyzed: 01/11/2023		
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0507*		"	*0.0667*		*76.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0507*		"	*0.0667*		*76.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30285 - EPA 3550C											
LCS (BA30285-BS2)									Prepared: 01/07/2023 Analyzed: 01/11/2023		
Aroclor 1016	0.216	0.0167	mg/kg wet	0.333		64.9	40-130				
Aroclor 1260	0.232	0.0167	"	0.333		69.6	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0487*		"	*0.0667*		*73.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0463*		"	*0.0667*		*69.5*	*30-120*				
Matrix Spike (BA30285-MS2)	*Source sample: 23A0263-02 (Matrix Spike)								Prepared: 01/07/2023 Analyzed: 01/12/2023		
Aroclor 1016	0.361	0.0188	mg/kg dry	0.377	ND	95.7	40-140				
Aroclor 1260	0.370	0.0188	"	0.377	ND	98.3	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0675*		"	*0.0754*		*89.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0584*		"	*0.0754*		*77.5*	*30-120*				
Matrix Spike Dup (BA30285-MSD2)	*Source sample: 23A0263-02 (Matrix Spike Dup)								Prepared: 01/07/2023 Analyzed: 01/12/2023		
Aroclor 1016	0.320	0.0188	mg/kg dry	0.377	ND	85.0	40-140		11.8	50	
Aroclor 1260	0.348	0.0188	"	0.377	ND	92.3	40-140		6.32	50	
Surrogate: Tetrachloro-m-xylene	*0.0599*		"	*0.0754*		*79.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0577*		"	*0.0754*		*76.5*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30383 - EPA 3015A											
Blank (BA30383-BLK1)											Prepared: 01/10/2023 Analyzed: 01/11/2023
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	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	0.0717	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BA30383-BS1)											Prepared: 01/10/2023 Analyzed: 01/11/2023
Aluminum	1.48		ug/mL	2.00		73.9	80-120	Low Bias			
Barium	1.80		"	2.00		90.2	80-120				
Calcium	0.885		"	1.00		88.5	80-120				
Chromium	0.172		"	0.200		86.0	80-120				
Cobalt	0.460		"	0.500		92.0	80-120				
Copper	0.226		"	0.250		90.3	80-120				
Iron	0.873		"	1.00		87.3	80-120				
Lead	0.446		"	0.500		89.2	80-120				
Magnesium	0.849		"	1.00		84.9	80-120				
Manganese	0.445		"	0.500		89.1	80-120				
Nickel	0.449		"	0.500		89.7	80-120				
Potassium	0.876		"	1.00		87.6	80-120				
Silver	0.0445		"	0.0500		89.1	80-120				
Sodium	0.830		"	1.00		83.0	80-120				
Vanadium	0.431		"	0.500		86.2	80-120				
Zinc	0.448		"	0.500		89.6	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30383 - EPA 3015A											
Duplicate (BA30383-DUP1)	*Source sample: 23A0356-08 (Duplicate)								Prepared: 01/10/2023 Analyzed: 01/11/2023		
Aluminum	ND	0.0556	mg/L		ND					20	
Barium	0.178	0.0278	"		0.193				7.70	20	
Calcium	107	0.0556	"		110				2.08	20	
Chromium	ND	0.00556	"		ND					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	7.67	0.278	"		8.25				7.21	20	
Lead	ND	0.00556	"		ND					20	
Magnesium	23.2	0.0556	"		24.9				7.23	20	
Manganese	2.93	0.00556	"		3.15				7.01	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	2.20	0.0556	"		2.26				2.81	20	
Silver	ND	0.00556	"		ND					20	
Sodium	49.3	0.556	"		50.5				2.33	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	ND	0.0278	"		ND					20	
Matrix Spike (BA30383-MS1)	*Source sample: 23A0356-08 (Matrix Spike)								Prepared: 01/10/2023 Analyzed: 01/11/2023		
Aluminum	1.78	0.0556	mg/L	2.22	ND	80.2	75-125				
Barium	2.12	0.0278	"	2.22	0.193	86.7	75-125				
Calcium	106	0.0556	"	1.11	110	NR	75-125	Low Bias			
Chromium	0.188	0.00556	"	0.222	ND	84.4	75-125				
Cobalt	0.481	0.00444	"	0.556	ND	86.5	75-125				
Copper	0.239	0.0222	"	0.278	ND	86.1	75-125				
Iron	8.77	0.278	"	1.11	8.25	47.3	75-125	Low Bias			
Lead	0.449	0.00556	"	0.556	ND	80.7	75-125				
Magnesium	24.3	0.0556	"	1.11	24.9	NR	75-125	Low Bias			
Manganese	3.40	0.00556	"	0.556	3.15	46.2	75-125	Low Bias			
Nickel	0.477	0.0111	"	0.556	ND	85.9	75-125				
Potassium	3.02	0.0556	"	1.11	2.26	68.1	75-125	Low Bias			
Silver	0.0465	0.00556	"	0.0556	ND	83.6	75-125				
Sodium	49.6	0.556	"	1.11	50.5	NR	75-125	Low Bias			
Vanadium	0.476	0.0111	"	0.556	ND	85.6	75-125				
Zinc	0.484	0.0278	"	0.556	ND	87.1	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30383 - EPA 3015A											
Post Spike (BA30383-PS1)	*Source sample: 23A0356-08 (Post Spike)							Prepared: 01/10/2023 Analyzed: 01/11/2023			
Aluminum	1.60		ug/mL	2.00	0.0236	78.9	75-125				
Barium	1.90		"	2.00	0.173	86.5	75-125				
Calcium	95.9		"	1.00	98.6	NR	75-125	Low Bias			
Chromium	0.168		"	0.200	0.000546	83.7	75-125				
Cobalt	0.436		"	0.500	0.00389	86.4	75-125				
Copper	0.216		"	0.250	0.00360	84.8	75-125				
Iron	7.70		"	1.00	7.42	27.9	75-125	Low Bias			
Lead	0.413		"	0.500	-0.00395	82.5	75-125				
Magnesium	21.3		"	1.00	22.4	NR	75-125	Low Bias			
Manganese	2.99		"	0.500	2.83	32.1	75-125	Low Bias			
Nickel	0.435		"	0.500	0.00291	86.4	75-125				
Potassium	2.71		"	1.00	2.03	68.0	75-125	Low Bias			
Silver	0.0410		"	0.0500	0.000745	80.5	75-125				
Sodium	44.4		"	1.00	45.4	NR	75-125	Low Bias			
Vanadium	0.429		"	0.500	-0.000533	85.7	75-125				
Zinc	0.440		"	0.500	0.0223	83.5	75-125				
Batch BA30419 - EPA 3050B											
Blank (BA30419-BLK1)								Prepared: 01/10/2023 Analyzed: 01/12/2023			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30419 - EPA 3050B											
Duplicate (BA30419-DUP1)	*Source sample: 23A0238-02 (Duplicate)								Prepared: 01/10/2023 Analyzed: 01/12/2023		
Aluminum	2840	4.65	mg/kg dry		3150				10.4	35	
Antimony	ND	2.33	"		ND					35	
Arsenic	ND	1.40	"		ND					35	
Barium	16.4	2.32	"		18.5				12.1	35	
Beryllium	0.225	0.047	"		0.224				0.661	35	
Cadmium	ND	0.279	"		ND					35	
Calcium	5210	4.66	"		6100				15.8	35	
Chromium	5.97	0.466	"		6.68				11.2	35	
Cobalt	3.13	0.372	"		3.21				2.41	35	
Copper	6.81	1.86	"		6.97				2.30	35	
Iron	6750	23.3	"		7370				8.84	35	
Lead	3.27	0.466	"		3.64				10.8	35	
Magnesium	2780	4.66	"		2930				5.47	35	
Manganese	182	0.466	"		206				12.5	35	
Nickel	10.2	0.927	"		10.3				1.49	35	
Potassium	638	4.66	"		738				14.6	35	
Selenium	ND	2.33	"		ND					35	
Silver	ND	0.469	"		ND					35	
Sodium	300	46.6	"		284				5.60	35	
Thallium	ND	2.33	"		ND					35	
Vanadium	8.58	0.927	"		9.07				5.58	35	
Zinc	11.4	2.32	"		12.1				5.78	35	
Matrix Spike (BA30419-MS1)	*Source sample: 23A0238-02 (Matrix Spike)								Prepared: 01/10/2023 Analyzed: 01/12/2023		
Aluminum	2740	4.65	mg/kg dry	186	3150	NR	75-125	Low Bias			
Antimony	10.9	2.33	"	23.3	ND	46.8	75-125	Low Bias			
Arsenic	170	1.40	"	186	ND	91.5	75-125				
Barium	200	2.32	"	186	18.5	97.2	75-125				
Beryllium	4.52	0.047	"	4.66	0.224	92.2	75-125				
Cadmium	4.26	0.279	"	4.66	ND	91.6	75-125				
Calcium	6280	4.66	"	93.1	6100	191	75-125	High Bias			
Chromium	22.5	0.466	"	18.6	6.68	85.0	75-125				
Cobalt	48.0	0.372	"	46.6	3.21	96.1	75-125				
Copper	29.2	1.86	"	23.3	6.97	95.5	75-125				
Iron	5810	23.3	"	93.1	7370	NR	75-125	Low Bias			
Lead	45.2	0.466	"	46.6	3.64	89.3	75-125				
Magnesium	2500	4.66	"	93.1	2930	NR	75-125	Low Bias			
Manganese	225	0.466	"	46.6	206	41.2	75-125	Low Bias			
Nickel	53.9	0.927	"	46.6	10.3	93.6	75-125				
Potassium	778	4.66	"	93.1	738	42.2	75-125	Low Bias			
Selenium	131	2.33	"	186	ND	70.5	75-125	Low Bias			
Silver	2.83	0.469	"	4.66	ND	60.7	75-125	Low Bias			
Sodium	382	46.6	"	93.1	284	106	75-125				
Thallium	168	2.33	"	186	ND	90.1	75-125				
Vanadium	50.2	0.927	"	46.6	9.07	88.3	75-125				
Zinc	53.7	2.32	"	46.6	12.1	89.3	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30419 - EPA 3050B											
Post Spike (BA30419-PS1)	*Source sample: 23A0238-02 (Post Spike)								Prepared: 01/10/2023 Analyzed: 01/12/2023		
Aluminum	34.0		ug/mL	2.00	33.9	5.11	75-125	Low Bias			
Antimony	0.230		"	0.250	-0.0001	92.1	75-125				
Arsenic	1.93		"	2.00	0.006	96.0	75-125				
Barium	2.19		"	2.00	0.199	99.3	75-125				
Beryllium	0.050		"	0.0500	0.002	94.3	75-125				
Cadmium	0.048		"	0.0500	-0.0004	96.0	75-125				
Calcium	64.0		"	1.00	65.5	NR	75-125	Low Bias			
Chromium	0.259		"	0.200	0.072	93.6	75-125				
Cobalt	0.531		"	0.500	0.034	99.3	75-125				
Copper	0.325		"	0.250	0.075	99.9	75-125				
Iron	76.3		"	1.00	79.2	NR	75-125	Low Bias			
Lead	0.508		"	0.500	0.039	93.8	75-125				
Magnesium	30.9		"	1.00	31.5	NR	75-125	Low Bias			
Manganese	2.61		"	0.500	2.21	78.3	75-125				
Nickel	0.606		"	0.500	0.111	98.9	75-125				
Potassium	8.48		"	1.00	7.93	54.5	75-125	Low Bias			
Selenium	1.48		"	2.00	-0.052	73.9	75-125	Low Bias			
Silver	0.034		"	0.0500	-0.017	67.9	75-125	Low Bias			
Sodium	3.93		"	1.00	3.05	88.0	75-125				
Thallium	1.87		"	2.00	-0.003	93.6	75-125				
Vanadium	0.571		"	0.500	0.097	94.7	75-125				
Zinc	0.596		"	0.500	0.130	93.2	75-125				
Reference (BA30419-SRM1)									Prepared: 01/10/2023 Analyzed: 01/12/2023		
Aluminum	8280	4.17	mg/kg wet	7970		104	49.7-150.6				
Antimony	72.1	2.08	"	136		53.0	20.4-249.3				
Arsenic	101	1.25	"	87.4		116	70-130.4				
Barium	402	2.08	"	347		116	75.2-130.3				
Beryllium	109	0.042	"	103		106	74.8-132				
Cadmium	174	0.250	"	160		109	75-145.6				
Calcium	4440	4.17	"	4100		108	71.7-139.3				
Chromium	250	0.417	"	231		108	70.1-134.2				
Cobalt	267	0.333	"	241		111	75.1-141.5				
Copper	169	1.67	"	144		117	75-126.4				
Iron	14500	20.8	"	14200		102	35.3-164.8				
Lead	296	0.417	"	266		111	74.1-125.9				
Magnesium	2480	4.17	"	2220		112	61.3-138.7				
Manganese	604	0.417	"	555		109	77.3-132.8				
Nickel	394	0.830	"	350		113	70-144				
Potassium	2150	4.17	"	1940		111	58.2-141.8				
Selenium	90.5	2.08	"	130		69.6	66.9-133.8				
Silver	57.8	0.420	"	57.1		101	70.2-129.8				
Sodium	138	41.7	"	117		118	30.5-170.1				
Thallium	82.2	2.08	"	75.4		109	64.3-135.3				
Vanadium	89.9	0.830	"	88.6		101	65.6-134.3				
Zinc	167	2.08	"	160		104	70-130				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30461 - EPA 3015A											
Blank (BA30461-BLK1)								Prepared & Analyzed: 01/11/2023			
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 (BA30461-BS1)								Prepared & Analyzed: 01/11/2023			
Antimony	51.1		ug/L	50.0		102	80-120				
Arsenic	55.8		"	50.0		112	80-120				
Beryllium	41.9		"	50.0		83.7	80-120				
Cadmium	53.3		"	50.0		107	80-120				
Selenium	61.7		"	50.0		123	80-120	High Bias			
Thallium	72.2		"	50.0		144	80-120	High Bias			
Duplicate (BA30461-DUP1)	*Source sample: 23A0435-01 (Duplicate)							Prepared: 01/11/2023 Analyzed: 01/12/2023			
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	"		ND					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Selenium	ND	1.11	"		ND					20	
Thallium	ND	1.11	"		ND					20	
Matrix Spike (BA30461-MS1)	*Source sample: 23A0435-01 (Matrix Spike)							Prepared: 01/11/2023 Analyzed: 01/12/2023			
Antimony	46.3		ug/L	50.0	-0.027	92.6	75-125				
Arsenic	50.9		"	50.0	-0.005	102	75-125				
Beryllium	50.2		"	50.0	-0.013	100	75-125				
Cadmium	46.6		"	50.0	-0.009	93.2	75-125				
Selenium	53.0		"	50.0	0.100	106	75-125				
Thallium	55.6		"	50.0	-0.040	111	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30250 - EPA 7473 soil											
Blank (BA30250-BLK1)								Prepared & Analyzed: 01/06/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BA30250-DUP1)	*Source sample: 23A0238-02 (Duplicate)							Prepared & Analyzed: 01/06/2023			
Mercury	ND	0.0335	mg/kg dry		ND					35	
Matrix Spike (BA30250-MS1)	*Source sample: 23A0238-02 (Matrix Spike)							Prepared & Analyzed: 01/06/2023			
Mercury	0.540		mg/kg	0.500	0.00350	107	75-125				
Reference (BA30250-SRM1)								Prepared & Analyzed: 01/06/2023			
Mercury	23.801		mg/kg	27.2		87.5	59.9-140.1				
Batch BA30445 - EPA SW846-7470A											
Blank (BA30445-BLK1)								Prepared & Analyzed: 01/10/2023			
Mercury	ND	0.0002	mg/L								
LCS (BA30445-BS1)								Prepared & Analyzed: 01/10/2023			
Mercury	0.0021203	0.0002	mg/L	0.00200		106	80-120				
LCS (BA30445-BS2)								Prepared & Analyzed: 01/10/2023			
Mercury	0.0022824	0.0002	mg/L	0.00200		114	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30822 - EPA SW846-3060											
Blank (BA30822-BLK1)								Prepared & Analyzed: 01/17/2023			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BA30822-DUP1)	*Source sample: 23A0372-02 (Duplicate)							Prepared & Analyzed: 01/17/2023			
Chromium, Hexavalent	3.34	0.535	mg/kg dry		3.81				13.2	35	
Matrix Spike (BA30822-MS1)	*Source sample: 23A0372-02 (Matrix Spike)							Prepared & Analyzed: 01/17/2023			
Chromium, Hexavalent	55.9	0.535	mg/kg dry	21.4	3.81	243	75-125	High Bias			
Reference (BA30822-SRM1)								Prepared & Analyzed: 01/17/2023			
Chromium, Hexavalent	277		mg/L	227		122	42.3-157.7				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30219 - % Solids Prep											
Duplicate (BA30219-DUP1)	*Source sample: 23A0257-06 (Duplicate)								Prepared & Analyzed: 01/06/2023		
% Solids	84.5	0.100	%		84.9				0.441	20	
Batch BA30220 - % Solids Prep											
Duplicate (BA30220-DUP1)	*Source sample: 23A0238-02 (Duplicate)								Prepared & Analyzed: 01/06/2023		
% Solids	88.6	0.100	%		89.5				1.05	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23A0210-01	23SB-3 (0-2)	40mL Vial with Stir Bar-Cool 4° C
23A0210-02	23SB-3 (2-3)	40mL Vial with Stir Bar-Cool 4° C
23A0210-03	23SB-4 (0-2)	40mL Vial with Stir Bar-Cool 4° C
23A0210-04	23SB-4 (2-4)	40mL Vial with Stir Bar-Cool 4° C
23A0210-05	23SB-4 (4-5)	40mL Vial with Stir Bar-Cool 4° C
23A0210-06	23-Dup-1(0-2)	40mL Vial with Stir Bar-Cool 4° C
23A0210-07	23SB-5 (0-2)	40mL Vial with Stir Bar-Cool 4° C
23A0210-08	23SB-5 (2-4)	40mL Vial with Stir Bar-Cool 4° C
23A0210-09	23SB-7 (0-2)	40mL Vial with Stir Bar-Cool 4° C
23A0210-10	23SB-7 (2-4)	40mL Vial with Stir Bar-Cool 4° C
23A0210-11	23SB-7 (4-5)	40mL Vial with Stir Bar-Cool 4° C
23A0210-12	FB010523	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A0210-13	TB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
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.
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.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
S-03	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. This effect was confirmed by reanalysis.
M-PS	This Element exhibted recovery outside control limits for the Post Spike.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.

Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No. 23A0210

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

YOUR Information	Report To:	Invoice To:
Company: Vekter Consultants	Company:	Company:
Address: 37 W. 37th St. 6th Floor NY NY, 10018	Address:	Address:
Phone.: 347-871-0750	Phone.:	Phone.:
Contact: Ezgi Karayel	Contact:	Contact:
E-mail: Ezgi@Vektorconsultants.com	E-mail: DKlein@Vektorconsultants.com	E-mail: AP@VektorConsultants.com

YOUR Project Number: 315 Grand Concourse Bronx, NY

YOUR Project Name:

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.

David Klein

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in) Part 375 unrestricted Restricted

Sample Identification	Sample Matrix	Date/Time Sampled		Analysis Requested	Container Description
23SB-3(0-2)	S	1/5/23	1400	TCL VOCs, SVOCs, PCB, Pesticides, TAC Metals	1 terracore, 1-8oz, 1-9oz, one PFAS
23SB-3(2-3)	S	1/5/23	1405	PFAS & 1,4 Dioxane	
23SB-4(0-2)	S	1/5/23	1250		
23SB-4(2-4)	S	1/5/23	1255		
23SB-4(4-5)	S	1/5/23	1300		
SB-DUP-1(0-2)	S	1/5/23	1302		
23SB-5(0-2)	S	1/5/23	1200		
23SB-5(2-4)	S	1/5/23	1205		
23SB-7(0-2)	S	1/5/23	1100		
23SB-7(2-4)	S	1/5/23	1105		

Comments: SB-DUP-1 (0-2) from 23SB-4(0-2)

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 X

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time	Temperature
Vekter	1/5/23 1445	Nelson N York Labs	1/5/23 14:45	Nelson N York Labs	1/5/23 16:55	4.0 Degrees C
Victor D. York	1/5/23 16:55	Victor D. York	1/5/23 2019			

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. 23A0210

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: Vekter Consultants	Company:	Company:	325 Grand Concourse Bronx, NY	RUSH - Next Day
Address: 32 W. 37th St. - 6th Fl NY, NY, 10018	Address:	Address:	YOUR Project Name	RUSH - Two Day
Phone: 347-871-0780	Phone.:	Phone.:		RUSH - Three Day
Contact: Engr Manager	Contact:	Contact:		RUSH - Four Day
E-mail: Engr@VekterConsultants.com	E-mail: DKlein@VekterConsultants.com	E-mail: AP@VekterConsultants.com	YOUR PO#:	Standard (5-7 Day) ✓

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

David Klein

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)
Part 375 unrestricted Restricted

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
23SB-7(4-5)	S	1/5/23 1110	TCL VOCs, SVOCs, Pest/PCBs, TAL Metals, PFAs, 1,4 Dioxane	
FB010523	FB	1/5/23 1345	TCL VOCs, SVOCs, Pest/PCBs, TAL Metals (Dissolved, unpreserved), PFAs, 1,4 Dioxane	- 2 vocs
TB	TB	LAB	TCL VOCs	

Comments:

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

Special Instruction
Field Filtered
Lab to Filter ✓

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

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Vekter	1/5/23 1445	Mad N York Labs	1/5/23 1445	Mad N York Labs	1/5/23 16:55
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Victor D. York	1/5/23 16:55	Victor D. York	1/5/23 2015		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[illegible]	1/5/23 2015 / 4.0 Degrees C

Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 01/18/2023
Client Project ID: 315 Grand Concourse Bronx, NY
York Project (SDG) No.: 23A0372

Report Date: 01/18/2023
Client Project ID: 315 Grand Concourse Bronx, NY
York Project (SDG) No.: 23A0372

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

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 January 06, 2023 and listed below. The project was identified as your project: **315 Grand Concourse Bronx, 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
23A0372-01	23SB-1 (0-2)	Soil	01/06/2023	01/05/2023
23A0372-02	23SB-2 (0-2)	Soil	01/06/2023	01/05/2023
23A0372-03	FB010623	Water	01/06/2023	01/05/2023

General Notes for York Project (SDG) No.: 23A0372

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:** 01/18/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: 23SB-1 (0-2) **York Sample ID:** 23A0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 9:35 am	01/05/2023

VOA, 8260 MASTER **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:	01/09/2023 09:00	01/09/2023 18:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	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:	01/09/2023 09:00	01/09/2023 18:17 CTDOH-PH-0723,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:	01/09/2023 09:00	01/09/2023 18:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17 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:	01/09/2023 09:00	01/09/2023 18:17 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17 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:	01/09/2023 09:00	01/09/2023 18:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.096	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: 23SB-1 (0-2)

York Sample ID: 23A0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 9:35 am	01/05/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**0.011**		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: 23SB-1 (0-2) **York Sample ID:** 23A0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 9:35 am	01/05/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:17	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.1 %*	*77-125*

Sample Information

Client Sample ID: 23SB-1 (0-2) **York Sample ID:** 23A0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 9:35 am	01/05/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.0 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*			*76-130*						

SVOA, 8270 MASTER

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	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,NJDEP,PADEP	01/12/2023 12:55	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,NJDEP,PADEP	01/12/2023 12:55	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 12:55	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,PADEP	01/12/2023 12:55	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,NJDEP,PADEP	01/12/2023 12:55	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,PADEP	01/12/2023 12:55	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,PADEP	01/12/2023 12:55	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,NJDEP,PADEP	01/12/2023 12:55	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 12:55	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 12:55	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 12:55	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 12:55	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 12:55	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 12:55	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 12:55	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 12:55	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 12:55	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 12:55	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 12:55	KH

Sample Information

Client Sample ID: 23SB-1 (0-2)

York Sample ID: 23A0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 9:35 am	01/05/2023

SVOA, 8270 MASTER

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
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.203	0.406	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.203	0.406	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: 23SB-1 (0-2) **York Sample ID:** 23A0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 9:35 am	01/05/2023

SVOA, 8270 MASTER

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
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications:	01/11/2023 08:27	01/12/2023 12:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: 23SB-1 (0-2) **York Sample ID:** 23A0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 9:35 am	01/05/2023

SVOA, 8270 MASTER

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
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:27	01/12/2023 12:55	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:27	01/12/2023 12:55	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:27	01/12/2023 12:55	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:27	01/12/2023 12:55	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:27	01/12/2023 12:55	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:27	01/12/2023 12:55	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:27	01/12/2023 12:55	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:27	01/12/2023 12:55	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:27	01/12/2023 12:55	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:27	01/12/2023 12:55	KH
108-95-2	Phenol	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:27	01/12/2023 12:55	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0509	0.102	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:27	01/12/2023 12:55	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*1.92 %*	S-04	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*16.3 %*	S-04	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*82.6 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*82.9 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*2.08 %*	S-04	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.4 %*		*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	19.2	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/11/2023 08:41	01/12/2023 21:10	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*46.8 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Information

Client Sample ID: 23SB-1 (0-2) **York Sample ID:** 23A0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 9:35 am	01/05/2023

Sample Prepared by Method: EPA 1633 Prep

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	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.483	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.967	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.967	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.967	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.483	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.483	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ

Sample Information

Client Sample ID: 23SB-1 (0-2) **York Sample ID:** 23A0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 9:35 am	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.483	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.483	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.967	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.967	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.967	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.967	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.967	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.21	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	6.04	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	6.04	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.42	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.42	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.242	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:23	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*102 %*	*25-150*
Surrogate: M5PFHxA	*104 %*	*25-150*
Surrogate: M4PFHpA	*89.7 %*	*25-150*
Surrogate: M3PFHxS	*106 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*99.7 %*	*25-150*
Surrogate: M6PFDA	*92.5 %*	*25-150*
Surrogate: M7PFUdA	*79.1 %*	*25-150*

Sample Information

Client Sample ID: 23SB-1 (0-2) **York Sample ID:** 23A0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 9:35 am	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*72.7 %*		*25-150*						
	Surrogate: M2PFTeDA	*60.0 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*109 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*93.9 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*107 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*17.2 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*68.5 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*71.1 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*92.4 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*75.6 %*		*25-200*						
	Surrogate: M9PFNA	*105 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*83.9 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*15.4 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*53.0 %*		*25-150*						
	Surrogate: M3HFPO-DA	*94.8 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*18.3 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*17.9 %*		*25-150*						

PEST, 8081 MASTER

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	0.00201	5	EPA 8081B	01/10/2023 08:11	01/11/2023 08:40	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00201	5	EPA 8081B	01/10/2023 08:11	01/11/2023 08:40	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00201	5	EPA 8081B	01/10/2023 08:11	01/11/2023 08:40	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00201	5	EPA 8081B	01/10/2023 08:11	01/11/2023 08:40	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B	01/10/2023 08:11	01/11/2023 08:40	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00201	5	EPA 8081B	01/10/2023 08:11	01/11/2023 08:40	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B	01/10/2023 08:11	01/11/2023 08:40	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B	01/10/2023 08:11	01/11/2023 08:40	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 23SB-1 (0-2)

York Sample ID: 23A0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 9:35 am	01/05/2023

PEST, 8081 MASTER

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
60-57-1	Dieldrin	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/10/2023 08:11	01/11/2023 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/10/2023 08:11	01/11/2023 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/10/2023 08:11	01/11/2023 08:40 CTDOH-PH-0723,NELAC-NY10854	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/10/2023 08:11	01/11/2023 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/10/2023 08:11	01/11/2023 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/10/2023 08:11	01/11/2023 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/10/2023 08:11	01/11/2023 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/10/2023 08:11	01/11/2023 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/10/2023 08:11	01/11/2023 08:40 NELAC-NY10854,NJDEP	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/10/2023 08:11	01/11/2023 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/10/2023 08:11	01/11/2023 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	01/10/2023 08:11	01/11/2023 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.201	5	EPA 8081B Certifications:	01/10/2023 08:11	01/11/2023 08:40 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0403	5	EPA 8081B Certifications:	01/10/2023 08:11	01/11/2023 08:40	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.8 %*	*30-150*

PCB, 8082 MASTER

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	0.0203	1	EPA 8082A Certifications:	01/10/2023 08:11	01/10/2023 23:59 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications:	01/10/2023 08:11	01/10/2023 23:59 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications:	01/10/2023 08:11	01/10/2023 23:59 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications:	01/10/2023 08:11	01/10/2023 23:59 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ

Sample Information

Client Sample ID: 23SB-1 (0-2) **York Sample ID:** 23A0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 9:35 am	01/05/2023

PCB, 8082 MASTER

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
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications:	01/10/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 23:59	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications:	01/10/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 23:59	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications:	01/10/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/10/2023 23:59	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications:	01/10/2023 08:11	01/10/2023 23:59	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.5 %*	*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**	**12600**		mg/kg dry	5.10	1	EPA 6010D Certifications:	01/12/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 16:27	CW
7440-36-0	Antimony	ND		mg/kg dry	2.55	1	EPA 6010D Certifications:	01/12/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 16:27	CW
7440-38-2	**Arsenic**	**2.74**		mg/kg dry	1.53	1	EPA 6010D Certifications:	01/12/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 16:27	CW
7440-39-3	**Barium**	**91.5**		mg/kg dry	2.55	1	EPA 6010D Certifications:	01/12/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 16:27	CW
7440-41-7	**Beryllium**	**1.54**		mg/kg dry	0.051	1	EPA 6010D Certifications:	01/12/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 16:27	CW
7440-43-9	**Cadmium**	**0.471**		mg/kg dry	0.306	1	EPA 6010D Certifications:	01/12/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 16:27	CW
7440-70-2	**Calcium**	**107000**		mg/kg dry	5.11	1	EPA 6010D Certifications:	01/12/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 16:27	CW
7440-47-3	**Chromium**	**22.7**		mg/kg dry	0.511	1	EPA 6010D Certifications:	01/12/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 16:27	CW
7440-48-4	**Cobalt**	**13.3**		mg/kg dry	0.408	1	EPA 6010D Certifications:	01/12/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 16:27	CW
7440-50-8	**Copper**	**50.1**		mg/kg dry	2.04	1	EPA 6010D Certifications:	01/12/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 16:27	CW
7439-89-6	**Iron**	**24600**		mg/kg dry	25.5	1	EPA 6010D Certifications:	01/12/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 16:27	CW
7439-92-1	**Lead**	**7.93**		mg/kg dry	0.511	1	EPA 6010D Certifications:	01/12/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 16:27	CW
7439-95-4	**Magnesium**	**26400**		mg/kg dry	5.11	1	EPA 6010D Certifications:	01/12/2023 14:08 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 16:27	CW

Sample Information

Client Sample ID: 23SB-1 (0-2) **York Sample ID:** 23A0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 9:35 am	01/05/2023

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**	**252**		mg/kg dry	0.511	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**23.6**		mg/kg dry	1.02	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**4780**	B	mg/kg dry	5.11	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.55	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.515	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**603**		mg/kg dry	51.1	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.55	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**70.3**		mg/kg dry	1.02	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:27	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**48.7**		mg/kg dry	2.54	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:27	CW
							Certifications:	CTDOH-PH-0723,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	0.0368	1	EPA 7473	01/10/2023 09:21	01/10/2023 15:14	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**4.21**		mg/kg dry	0.613	1	EPA 7196A	01/17/2023 14:22	01/17/2023 21:10	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**18.5**		mg/kg	0.500	1	Calculation	01/18/2023 08:57	01/18/2023 16:52	PAM
							Certifications:			

Total Solids

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

Sample Information

Client Sample ID: 23SB-1 (0-2) **York Sample ID:** 23A0372-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 9:35 am	01/05/2023

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.6**		%	0.100	1	SM 2540G	01/10/2023 13:47	01/10/2023 16:12	S_S
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: 23SB-2 (0-2) **York Sample ID:** 23A0372-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 8:15 am	01/05/2023

VOA, 8260 MASTER **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	01/09/2023 09:00	01/09/2023 18:44	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/09/2023 09:00	01/09/2023 18:44	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/09/2023 09:00	01/09/2023 18:44	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/09/2023 09:00	01/09/2023 18:44	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/09/2023 09:00	01/09/2023 18:44	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/09/2023 09:00	01/09/2023 18:44	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/09/2023 09:00	01/09/2023 18:44	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/09/2023 09:00	01/09/2023 18:44	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/09/2023 09:00	01/09/2023 18:44	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/09/2023 09:00	01/09/2023 18:44	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/09/2023 09:00	01/09/2023 18:44	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/09/2023 09:00	01/09/2023 18:44	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/09/2023 09:00	01/09/2023 18:44	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/09/2023 09:00	01/09/2023 18:44	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	01/09/2023 09:00	01/09/2023 18:44	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: 23SB-2 (0-2) **York Sample ID:** 23A0372-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 8:15 am	01/05/2023

VOA, 8260 MASTER

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
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.097	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**0.011**		mg/kg dry	0.0048	0.0097	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 23SB-2 (0-2) **York Sample ID:** 23A0372-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 8:15 am	01/05/2023

VOA, 8260 MASTER

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:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**0.0060**	J	mg/kg dry	0.0048	0.0097	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00	01/09/2023 18:44	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 23SB-2 (0-2) **York Sample ID:** 23A0372-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 8:15 am	01/05/2023

VOA, 8260 MASTER

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
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/09/2023 18:44	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/09/2023 18:44	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/09/2023 18:44	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/09/2023 18:44	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications:	01/09/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/09/2023 18:44	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260C Certifications:	01/09/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/09/2023 18:44	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

SVOA, 8270 MASTER

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	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,PADEP	01/12/2023 13:24	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,PADEP	01/12/2023 13:24	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,PADEP	01/12/2023 13:24	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH

Sample Information

Client Sample ID: 23SB-2 (0-2) **York Sample ID:** 23A0372-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 8:15 am	01/05/2023

SVOA, 8270 MASTER

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
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH

Sample Information

Client Sample ID: 23SB-2 (0-2) **York Sample ID:** 23A0372-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 8:15 am	01/05/2023

SVOA, 8270 MASTER

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
62-53-3	Aniline	ND		mg/kg dry	0.177	0.355	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
92-87-5	Benzidine	ND		mg/kg dry	0.177	0.355	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,PADEP	01/12/2023 13:24	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0886	0.177	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH

Sample Information

Client Sample ID: 23SB-2 (0-2) **York Sample ID:** 23A0372-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 8:15 am	01/05/2023

SVOA, 8270 MASTER

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
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
108-95-2	Phenol	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0444	0.0886	2	EPA 8270D Certifications:	01/11/2023 08:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 13:24	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*2.48 %*	S-09	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*19.9 %*	S-09	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.6 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.5 %*		*21-113*

Sample Information

Client Sample ID: 23SB-2 (0-2) **York Sample ID:** 23A0372-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 8:15 am	01/05/2023

SVOA, 8270 MASTER

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
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*0.0800 %*	S-09		*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.4 %*			*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	19.2	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/11/2023 08:41	01/12/2023 21:27	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*44.1 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

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	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ

Sample Information

Client Sample ID: 23SB-2 (0-2)

York Sample ID: 23A0372-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 8:15 am	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.421	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.842	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.842	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.842	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.421	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.421	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.421	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.421	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.842	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.842	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.842	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.842	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.842	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.05	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.26	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ

Sample Information

Client Sample ID: 23SB-2 (0-2)

York Sample ID: 23A0372-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 8:15 am	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.26	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.11	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.11	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	1	EPA 1633 Draft 2 Certifications:	01/10/2023 09:00	01/16/2023 21:39	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*82.1 %*	*25-150*
Surrogate: M5PFHxA	*66.7 %*	*25-150*
Surrogate: M4PFHpA	*62.2 %*	*25-150*
Surrogate: M3PFHxS	*94.2 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*63.4 %*	*25-150*
Surrogate: M6PFDA	*55.0 %*	*25-150*
Surrogate: M7PFUdA	*43.9 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*34.0 %*	*25-150*
Surrogate: M2PFTeDA	*22.1 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*69.5 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*81.2 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*66.2 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*9.19 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*18.6 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*20.9 %*	*25-150*
Surrogate: M2-6:2 FTS	*44.3 %*	*25-200*
Surrogate: M2-8:2 FTS	*33.2 %*	*25-200*
Surrogate: M9PFNA	*68.7 %*	*25-150*
Surrogate: M2-4:2 FTS	*40.1 %*	*25-150*
Surrogate: d-N-MeFOSA	*15.8 %*	*25-150*
Surrogate: d-N-EtFOSA	*59.2 %*	*25-150*
Surrogate: M3HFPO-DA	*78.5 %*	*25-150*
Surrogate: d9-N-EtFOSE	*16.6 %*	*25-150*
Surrogate: d7-N-MeFOSE	*18.1 %*	*25-150*

Sample Information

Client Sample ID: 23SB-2 (0-2) **York Sample ID:** 23A0372-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 8:15 am	01/05/2023

PEST, 8081 MASTER **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	0.00176	5	EPA 8081B Certifications:	01/10/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:58	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/10/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:58	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/10/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:58	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/10/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:58	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/10/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:58	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/10/2023 08:11 NELAC-NY10854,NJDEP	01/11/2023 08:58	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/10/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:58	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/10/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:58	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/10/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:58	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/10/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:58	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/10/2023 08:11 CTDOH-PH-0723,NELAC-NY10854	01/11/2023 08:58	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/10/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:58	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/10/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:58	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/10/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:58	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/10/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:58	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/10/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:58	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/10/2023 08:11 NELAC-NY10854,NJDEP	01/11/2023 08:58	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/10/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:58	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/10/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:58	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/10/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:58	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B Certifications:	01/10/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:58	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0352	5	EPA 8081B Certifications:	01/10/2023 08:11	01/11/2023 08:58	BJ

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*209 %*	S-D	*30-150*

Sample Information

Client Sample ID: 23SB-2 (0-2) **York Sample ID:** 23A0372-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 8:15 am	01/05/2023

PEST, 8081 MASTER

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
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*216 %*	S-D	*30-150*						

PCB, 8082 MASTER

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	0.0178	1	EPA 8082A	01/10/2023 08:11	01/11/2023 00:13	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	01/10/2023 08:11	01/11/2023 00:13	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	01/10/2023 08:11	01/11/2023 00:13	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	01/10/2023 08:11	01/11/2023 00:13	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	01/10/2023 08:11	01/11/2023 00:13	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	01/10/2023 08:11	01/11/2023 00:13	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	01/10/2023 08:11	01/11/2023 00:13	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	01/10/2023 08:11	01/11/2023 00:13	BJ
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*200 %*	S-D	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*190 %*	S-D	*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**	**11900**		mg/kg dry	4.46	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.23	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.34	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**104**		mg/kg dry	2.22	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**1.59**		mg/kg dry	0.045	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.430**		mg/kg dry	0.267	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 23SB-2 (0-2) **York Sample ID:** 23A0372-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 8:15 am	01/05/2023

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
7440-70-2	**Calcium**	**63700**		mg/kg dry	4.46	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**23.5**		mg/kg dry	0.446	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**13.0**		mg/kg dry	0.356	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**25.4**		mg/kg dry	1.78	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**20000**		mg/kg dry	22.3	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**6.60**		mg/kg dry	0.446	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**20800**		mg/kg dry	4.46	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**233**		mg/kg dry	0.446	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**21.8**		mg/kg dry	0.888	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**6420**	B	mg/kg dry	4.46	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.23	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.449	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**272**		mg/kg dry	44.6	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.23	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**35.6**		mg/kg dry	0.888	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**49.8**		mg/kg dry	2.22	1	EPA 6010D	01/12/2023 14:08	01/13/2023 16:29	CW
							Certifications:	CTDOH-PH-0723,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	0.0321	1	EPA 7473	01/10/2023 09:21	01/10/2023 11:19	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: 23SB-2 (0-2) **York Sample ID:** 23A0372-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Soil	January 6, 2023 8:15 am	01/05/2023

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**3.81**		mg/kg dry	0.535	1	EPA 7196A	01/17/2023 14:22	01/17/2023 21:10	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent **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
16065-83-1	*** Chromium, Trivalent**	**19.7**		mg/kg	0.500	1	Calculation	01/18/2023 08:57	01/18/2023 16:52	PAM
							Certifications:			

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**	**93.5**		%	0.100	1	SM 2540G	01/10/2023 13:47	01/10/2023 16:12	S_S
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: FB010623 **York Sample ID:** 23A0372-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Water	January 6, 2023 10:20 am	01/05/2023

VOA, 8260 LOW MASTER **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	0.216	0.500	1	EPA 8260C	01/12/2023 09:00	01/12/2023 17:11	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	01/12/2023 09:00	01/12/2023 17:11	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	01/12/2023 09:00	01/12/2023 17:11	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	01/12/2023 09:00	01/12/2023 17:11	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	01/12/2023 09:00	01/12/2023 17:11	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	01/12/2023 09:00	01/12/2023 17:11	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	01/12/2023 09:00	01/12/2023 17:11	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: FB010623 **York Sample ID:** 23A0372-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Water	January 6, 2023 10:20 am	01/05/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 17:11	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 17:11	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 17:11	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:11	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:11	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:11	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:11	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:11	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:11	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:11	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:11	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 17:11	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:11	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 17:11	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:11	PD
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:11	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:11	PD
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:11	PD
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:11	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:11	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:11	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 17:11	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:11	PD

Sample Information

Client Sample ID: FB010623 **York Sample ID:** 23A0372-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Water	January 6, 2023 10:20 am	01/05/2023

VOA, 8260 LOW MASTER

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
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: FB010623 **York Sample ID:** 23A0372-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Water	January 6, 2023 10:20 am	01/05/2023

VOA, 8260 LOW MASTER

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
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:11	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.0 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: FB010623 **York Sample ID:** 23A0372-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Water	January 6, 2023 10:20 am	01/05/2023

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	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
95-57-8	2-Chlorophenol	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
95-48-7	2-Methylphenol	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
88-74-4	2-Nitroaniline	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
88-75-5	2-Nitrophenol	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
99-09-2	3-Nitroaniline	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
106-47-8	4-Chloroaniline	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH

Sample Information

Client Sample ID: FB010623 **York Sample ID:** 23A0372-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Water	January 6, 2023 10:20 am	01/05/2023

SVOA, 8270 LOW MASTER

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	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
100-02-7	4-Nitrophenol	ND		ug/L	6.25	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
98-86-2	Acetophenone	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
100-52-7	Benzaldehyde	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
105-60-2	Caprolactam	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
86-74-8	Carbazole	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
132-64-9	Dibenzofuran	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
84-66-2	Diethyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
131-11-3	Dimethyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	6.25	12.5	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
78-59-1	Isophorone	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
108-95-2	Phenol	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH
2312-35-8	* Propargite	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56	01/11/2023 12:34	KH
110-86-1	Pyridine	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	01/10/2023 07:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:34	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*34.3 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*22.2 %*	*10.1-41.7*

Sample Information

Client Sample ID: FB010623 **York Sample ID:** 23A0372-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Water	January 6, 2023 10:20 am	01/05/2023

SVOA, 8270 LOW MASTER

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*	*64.2 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.7 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.9 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.6 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

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	0.0625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 07:56	01/11/2023 16:29	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 07:56	01/11/2023 16:29	KH
120-12-7	Anthracene	ND		ug/L	0.0625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 07:56	01/11/2023 16:29	KH
1912-24-9	Atrazine	ND		ug/L	0.625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/10/2023 07:56	01/11/2023 16:29	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 07:56	01/11/2023 16:29	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 07:56	01/11/2023 16:29	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 07:56	01/11/2023 16:29	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 07:56	01/11/2023 16:29	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 07:56	01/11/2023 16:29	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/10/2023 07:56	01/11/2023 16:29	KH
218-01-9	Chrysene	ND		ug/L	0.0625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 07:56	01/11/2023 16:29	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 07:56	01/11/2023 16:29	KH
206-44-0	Fluoranthene	ND		ug/L	0.0625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 07:56	01/11/2023 16:29	KH
86-73-7	Fluorene	ND		ug/L	0.0625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 07:56	01/11/2023 16:29	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/10/2023 07:56	01/11/2023 16:29	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/10/2023 07:56	01/11/2023 16:29	KH
67-72-1	Hexachloroethane	ND		ug/L	0.625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/10/2023 07:56	01/11/2023 16:29	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 07:56	01/11/2023 16:29	KH

Sample Information

Client Sample ID: FB010623 **York Sample ID:** 23A0372-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Water	January 6, 2023 10:20 am	01/05/2023

SVOA, 8270 SIM MASTER

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	0.0625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 07:56	01/11/2023 16:29	KH
98-95-3	Nitrobenzene	ND		ug/L	0.312	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/10/2023 07:56	01/11/2023 16:29	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/10/2023 07:56	01/11/2023 16:29	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.312	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/10/2023 07:56	01/11/2023 16:29	KH
85-01-8	Phenanthrene	ND		ug/L	0.0625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 07:56	01/11/2023 16:29	KH
129-00-0	Pyrene	ND		ug/L	0.0625	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/10/2023 07:56	01/11/2023 16:29	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	01/11/2023 08:45	01/12/2023 15:16	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.1 %*	*36.6-118*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

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	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ

Sample Information

Client Sample ID: FB010623 **York Sample ID:** 23A0372-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Water	January 6, 2023 10:20 am	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.44	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	7.44	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	7.44	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	7.44	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	7.44	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	7.44	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	7.44	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
919005-14-4	* ADONA	ND		ng/L	7.44	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ

Sample Information

Client Sample ID: **FB010623** **York Sample ID:** **23A0372-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Water	January 6, 2023 10:20 am	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	4.65	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	23.3	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	23.3	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	18.6	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
31506-32-8	* **N-MeFOSA**	**2.31**		ng/L	1.86	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	18.6	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ
4151-50-2	* **N-EtFOSA**	**6.54**	B	ng/L	0.186	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:06	01/13/2023 21:31	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*96.7 %*	*25-150*
Surrogate: M5PFHxA	*108 %*	*25-150*
Surrogate: M4PFHpA	*99.8 %*	*25-150*
Surrogate: M3PFHxS	*116 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*105 %*	*25-150*
Surrogate: M6PFDA	*108 %*	*25-150*
Surrogate: M7PFUdA	*108 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*78.6 %*	*25-150*
Surrogate: M2PFTeDA	*72.8 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.09 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*132 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*56.0 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*57.3 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*99.2 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*103 %*	*25-150*
Surrogate: M2-6:2 FTS	*90.7 %*	*25-200*
Surrogate: M2-8:2 FTS	*89.0 %*	*25-200*
Surrogate: M9PFNA	*114 %*	*25-150*
Surrogate: M2-4:2 FTS	*80.1 %*	*25-150*

Sample Information

Client Sample ID: FB010623 **York Sample ID:** 23A0372-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Water	January 6, 2023 10:20 am	01/05/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d-N-MeFOSA	*24.2 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*57.2 %*		*25-150*						
	Surrogate: M3HFPO-DA	*101 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*24.8 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*24.9 %*		*25-150*						

PEST, 8081 MASTER

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:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ
309-00-2	Aldrin	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ
319-84-6	alpha-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ
319-85-7	beta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ
319-86-8	delta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ
60-57-1	Dieldrin	ND		ug/L	0.00216	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ
72-20-8	Endrin	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0108	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ

Sample Information

Client Sample ID: FB010623 **York Sample ID:** 23A0372-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Water	January 6, 2023 10:20 am	01/05/2023

PEST, 8081 MASTER

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
76-44-8	Heptachlor	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ
72-43-5	Methoxychlor	ND		ug/L	0.00432	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ
8001-35-2	Toxaphene	ND		ug/L	0.108	1	EPA 8081B Certifications:	01/09/2023 08:11 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 07:44	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.216	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 07:44	BJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0108	1	EPA 8081B Certifications:	01/09/2023 08:11	01/13/2023 07:44	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.4 %*	*30-150*

PCB, 8082 MASTER

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:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:47	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:47	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:47	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:47	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:47	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:47	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	1	EPA 8082A Certifications:	01/09/2023 08:11 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 04:47	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0541	1	EPA 8082A Certifications:	01/09/2023 08:11	01/11/2023 04:47	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.0 %*	*30-150*

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: FB010623 **York Sample ID:** 23A0372-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Water	January 6, 2023 10:20 am	01/05/2023

7429-90-5	Aluminum	ND	mg/L	0.0556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:36	CW
7440-39-3	Barium	ND	mg/L	0.0278	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:36	CW
7440-70-2	**Calcium**	**0.0689**	mg/L	0.0556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:36	CW
7440-47-3	Chromium	ND	mg/L	0.00556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:36	CW
7440-48-4	Cobalt	ND	mg/L	0.00444	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:36	CW
7440-50-8	Copper	ND	mg/L	0.0222	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:36	CW
7439-89-6	Iron	ND	mg/L	0.278	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:36	CW
7439-92-1	Lead	ND	mg/L	0.00556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:36	CW
7439-95-4	Magnesium	ND	mg/L	0.0556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:36	CW
7439-96-5	Manganese	ND	mg/L	0.00556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:36	CW
7440-02-0	Nickel	ND	mg/L	0.0111	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:36	CW
7440-09-7	Potassium	ND	mg/L	0.0556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:36	CW
7440-22-4	Silver	ND	mg/L	0.00556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:36	CW
7440-23-5	Sodium	ND	mg/L	0.556	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:36	CW
7440-62-2	Vanadium	ND	mg/L	0.0111	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:36	CW
7440-66-6	Zinc	ND	mg/L	0.0278	1	EPA 6010D Certifications:	01/10/2023 08:28 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 15:36	CW

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:	01/09/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:50	AJL
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications:	01/09/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:50	AJL
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications:	01/09/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:50	AJL
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications:	01/09/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:50	AJL
7782-49-2	**Selenium**	**5.22**		ug/L	1.11	1	EPA 6020B Certifications:	01/09/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:50	AJL
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications:	01/09/2023 09:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 12:50	AJL

Sample Information

Client Sample ID: FB010623 **York Sample ID:** 23A0372-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0372	315 Grand Concourse Bronx, NY	Water	January 6, 2023 10:20 am	01/05/2023

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	01/13/2023 09:58	01/13/2023 09:58	AD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BA30300 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
23A0372-01	23SB-1 (0-2)	01/09/23
23A0372-02	23SB-2 (0-2)	01/09/23
BA30300-BLK1	Blank	01/09/23
BA30300-BLK2	Blank	01/09/23
BA30300-BS1	LCS	01/09/23
BA30300-BSD1	LCS Dup	01/09/23
BA30300-MS1	Matrix Spike	01/09/23
BA30300-MSD1	Matrix Spike Dup	01/09/23

Batch ID: BA30305 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** RST

YORK Sample ID	Client Sample ID	Preparation Date
23A0372-03	FB010623	01/09/23
23A0372-03	FB010623	01/09/23
BA30305-BLK1	Blank	01/09/23
BA30305-BLK2	Blank	01/09/23
BA30305-BS1	LCS	01/09/23
BA30305-BS2	LCS	01/09/23
BA30305-BSD1	LCS Dup	01/09/23
BA30305-BSD2	LCS Dup	01/09/23

Batch ID: BA30323 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23A0372-03	FB010623	01/09/23
BA30323-BLK1	Blank	01/09/23
BA30323-BS1	LCS	01/09/23
BA30323-DUP1	Duplicate	01/09/23
BA30323-MS1	Matrix Spike	01/09/23

Batch ID: BA30361 **Preparation Method:** EPA 1633 Prep **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
23A0372-01	23SB-1 (0-2)	01/10/23
23A0372-02	23SB-2 (0-2)	01/10/23
BA30361-BLK1	Blank	01/10/23
BA30361-BS1	LCS	01/10/23
BA30361-BS2	LCS	01/10/23
BA30361-DUP1	Duplicate	01/10/23

Batch ID: BA30376 **Preparation Method:** EPA 3510C **Prepared By:** RST

YORK Sample ID	Client Sample ID	Preparation Date

23A0372-03	FB010623	01/10/23
BA30376-BLK1	Blank	01/10/23
BA30376-BLK2	Blank	01/10/23
BA30376-BS1	LCS	01/10/23
BA30376-BS2	LCS	01/10/23
BA30376-BSD1	LCS Dup	01/10/23

Batch ID: BA30379 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23A0372-01	23SB-1 (0-2)	01/10/23
23A0372-01	23SB-1 (0-2)	01/10/23
23A0372-02	23SB-2 (0-2)	01/10/23
23A0372-02	23SB-2 (0-2)	01/10/23
BA30379-BLK1	Blank	01/10/23
BA30379-BLK2	Blank	01/10/23
BA30379-BS1	LCS	01/10/23
BA30379-BS2	LCS	01/10/23
BA30379-MS1	Matrix Spike	01/10/23
BA30379-MS2	Matrix Spike	01/10/23
BA30379-MSD1	Matrix Spike Dup	01/10/23
BA30379-MSD2	Matrix Spike Dup	01/10/23

Batch ID: BA30383 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23A0372-03	FB010623	01/10/23
BA30383-BLK1	Blank	01/10/23
BA30383-BS1	LCS	01/10/23
BA30383-DUP1	Duplicate	01/10/23
BA30383-MS1	Matrix Spike	01/10/23
BA30383-PS1	Post Spike	01/10/23

Batch ID: BA30390 **Preparation Method:** EPA 7473 soil **Prepared By:** MR

YORK Sample ID	Client Sample ID	Preparation Date
23A0372-01	23SB-1 (0-2)	01/10/23
23A0372-02	23SB-2 (0-2)	01/10/23
BA30390-BLK1	Blank	01/10/23
BA30390-DUP1	Duplicate	01/10/23
BA30390-MS1	Matrix Spike	01/10/23
BA30390-SRM1	Reference	01/10/23

Batch ID: BA30396 **Preparation Method:** EPA 1633 Prep **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
23A0372-03	FB010623	01/10/23
BA30396-BLK1	Blank	01/10/23
BA30396-BS1	LCS	01/10/23

BA30396-BS2	LCS	01/10/23

Batch ID: BA30413 **Preparation Method:** % Solids Prep **Prepared By:** S_S

YORK Sample ID	Client Sample ID	Preparation Date
23A0372-01	23SB-1 (0-2)	01/10/23
23A0372-02	23SB-2 (0-2)	01/10/23
BA30413-DUP1	Duplicate	01/10/23

Batch ID: BA30467 **Preparation Method:** EPA 3550C **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
23A0372-01	23SB-1 (0-2)	01/11/23
23A0372-02	23SB-2 (0-2)	01/11/23
BA30467-BLK1	Blank	01/11/23
BA30467-BS1	LCS	01/11/23
BA30467-MS1	Matrix Spike	01/11/23
BA30467-MSD1	Matrix Spike Dup	01/11/23

Batch ID: BA30470 **Preparation Method:** EPA 3550C **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
23A0372-01	23SB-1 (0-2)	01/11/23
23A0372-02	23SB-2 (0-2)	01/11/23
BA30470-BLK1	Blank	01/11/23
BA30470-BS1	LCS	01/11/23
BA30470-MS1	Matrix Spike	01/11/23
BA30470-MSD1	Matrix Spike Dup	01/11/23

Batch ID: BA30472 **Preparation Method:** EPA 3535A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23A0372-03	FB010623	01/11/23
BA30472-BLK1	Blank	01/11/23
BA30472-BS1	LCS	01/11/23
BA30472-MS1	Matrix Spike	01/11/23
BA30472-MSD1	Matrix Spike Dup	01/11/23

Batch ID: BA30557 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23A0372-03	FB010623	01/12/23
BA30557-BLK1	Blank	01/12/23
BA30557-BS1	LCS	01/12/23
BA30557-BSD1	LCS Dup	01/12/23

Batch ID: BA30569 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23A0372-01	23SB-1 (0-2)	01/12/23
23A0372-02	23SB-2 (0-2)	01/12/23
BA30569-BLK1	Blank	01/12/23
BA30569-DUP1	Duplicate	01/12/23
BA30569-MS1	Matrix Spike	01/12/23
BA30569-PS1	Post Spike	01/12/23
BA30569-SRM1	Reference	01/12/23

Batch ID: BA30626 **Preparation Method:** EPA SW846-7470A **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
23A0372-03	FB010623	01/13/23
BA30626-BLK1	Blank	01/13/23
BA30626-BLK2	Blank	01/13/23
BA30626-BS1	LCS	01/13/23
BA30626-BS2	LCS	01/13/23

Batch ID: BA30822 **Preparation Method:** EPA SW846-3060 **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
23A0372-01	23SB-1 (0-2)	01/17/23
23A0372-02	23SB-2 (0-2)	01/17/23
BA30822-BLK1	Blank	01/17/23
BA30822-DUP1	Duplicate	01/17/23
BA30822-MS1	Matrix Spike	01/17/23
BA30822-SRM1	Reference	01/17/23

Batch ID: BA30870 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
23A0372-01	23SB-1 (0-2)	01/18/23
23A0372-02	23SB-2 (0-2)	01/18/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30300 - EPA 5035A											
Blank (BA30300-BLK1)											Prepared & Analyzed: 01/09/2023
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	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
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	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30300 - EPA 5035A											
Blank (BA30300-BLK1)									Prepared & Analyzed: 01/09/2023		
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.1*		*ug/L*	*50.0*		*96.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.2*		*"*	*50.0*		*104*	*76-130*				
Blank (BA30300-BLK2)									Prepared & Analyzed: 01/09/2023		
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	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	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	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30300 - EPA 5035A											
Blank (BA30300-BLK2)									Prepared & Analyzed: 01/09/2023		
Bromochloromethane	ND	0.50	mg/kg wet								
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	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	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-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.8*		*ug/L*	*50.0*		*95.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.1*		*"*	*50.0*		*106*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30300 - EPA 5035A											
LCS (BA30300-BS1)							Prepared & Analyzed: 01/09/2023				
1,1,1,2-Tetrachloroethane	52.3		ug/L	50.0		105	75-129				
1,1,1-Trichloroethane	55.4		"	50.0		111	71-137				
1,1,2,2-Tetrachloroethane	54.3		"	50.0		109	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.5		"	50.0		109	58-146				
1,1,2-Trichloroethane	52.6		"	50.0		105	83-123				
1,1-Dichloroethane	53.3		"	50.0		107	75-130				
1,1-Dichloroethylene	53.4		"	50.0		107	64-137				
1,2,3-Trichlorobenzene	50.3		"	50.0		101	81-140				
1,2,3-Trichloropropane	51.6		"	50.0		103	81-126				
1,2,4-Trichlorobenzene	50.9		"	50.0		102	80-141				
1,2,4-Trimethylbenzene	51.2		"	50.0		102	84-125				
1,2-Dibromo-3-chloropropane	48.1		"	50.0		96.3	74-142				
1,2-Dibromoethane	52.6		"	50.0		105	86-123				
1,2-Dichlorobenzene	50.0		"	50.0		100	85-122				
1,2-Dichloroethane	53.1		"	50.0		106	71-133				
1,2-Dichloropropane	55.2		"	50.0		110	81-122				
1,3,5-Trimethylbenzene	50.8		"	50.0		102	82-126				
1,3-Dichlorobenzene	50.4		"	50.0		101	84-124				
1,4-Dichlorobenzene	49.7		"	50.0		99.5	84-124				
1,4-Dioxane	1070		"	1050		102	10-228				
2-Butanone	51.4		"	50.0		103	58-147				
2-Hexanone	51.0		"	50.0		102	70-139				
4-Methyl-2-pentanone	55.2		"	50.0		110	72-132				
Acetone	35.4		"	50.0		70.9	36-155				
Acrolein	40.1		"	50.0		80.1	10-238				
Acrylonitrile	54.0		"	50.0		108	66-141				
Benzene	54.9		"	50.0		110	77-127				
Bromochloromethane	54.8		"	50.0		110	74-129				
Bromodichloromethane	53.4		"	50.0		107	81-124				
Bromoform	47.0		"	50.0		94.0	80-136				
Bromomethane	43.2		"	50.0		86.5	32-177				
Carbon disulfide	51.6		"	50.0		103	10-136				
Carbon tetrachloride	55.0		"	50.0		110	66-143				
Chlorobenzene	53.5		"	50.0		107	86-120				
Chloroethane	49.9		"	50.0		99.7	51-142				
Chloroform	54.2		"	50.0		108	76-131				
Chloromethane	29.9		"	50.0		59.7	49-132				
cis-1,2-Dichloroethylene	54.1		"	50.0		108	74-132				
cis-1,3-Dichloropropylene	54.0		"	50.0		108	81-129				
Cyclohexane	51.0		"	50.0		102	70-130				
Dibromochloromethane	52.2		"	50.0		104	10-200				
Dibromomethane	51.7		"	50.0		103	83-124				
Dichlorodifluoromethane	14.7		"	50.0		29.3	28-158				
Ethyl Benzene	50.7		"	50.0		101	84-125				
Hexachlorobutadiene	49.9		"	50.0		99.9	83-133				
Isopropylbenzene	55.1		"	50.0		110	81-127				
Methyl acetate	53.2		"	50.0		106	41-143				
Methyl tert-butyl ether (MTBE)	53.8		"	50.0		108	74-131				
Methylcyclohexane	51.2		"	50.0		102	70-130				
Methylene chloride	50.3		"	50.0		101	57-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30300 - EPA 5035A											
LCS (BA30300-BS1)							Prepared & Analyzed: 01/09/2023				
n-Butylbenzene	49.7		ug/L	50.0		99.5	80-130				
n-Propylbenzene	53.0		"	50.0		106	74-136				
o-Xylene	50.2		"	50.0		100	83-123				
p- & m- Xylenes	99.9		"	100		99.9	82-128				
p-Isopropyltoluene	50.3		"	50.0		101	85-125				
sec-Butylbenzene	51.6		"	50.0		103	83-125				
Styrene	51.8		"	50.0		104	86-126				
tert-Butyl alcohol (TBA)	263		"	250		105	70-130				
tert-Butylbenzene	52.4		"	50.0		105	80-127				
Tetrachloroethylene	40.3		"	50.0		80.6	80-129				
Toluene	52.5		"	50.0		105	85-121				
trans-1,2-Dichloroethylene	53.2		"	50.0		106	72-132				
trans-1,3-Dichloropropylene	53.8		"	50.0		108	78-132				
Trichloroethylene	52.9		"	50.0		106	84-123				
Trichlorofluoromethane	52.7		"	50.0		105	62-140				
Vinyl Chloride	39.5		"	50.0		79.0	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.6*		*"*	*50.0*		*97.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.7*		*"*	*50.0*		*105*	*76-130*				
LCS Dup (BA30300-BSD1)							Prepared & Analyzed: 01/09/2023				
1,1,1,2-Tetrachloroethane	51.9		ug/L	50.0		104	75-129		0.787	30	
1,1,1-Trichloroethane	56.2		"	50.0		112	71-137		1.42	30	
1,1,2,2-Tetrachloroethane	55.2		"	50.0		110	79-129		1.61	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.2		"	50.0		108	58-146		0.497	30	
1,1,2-Trichloroethane	52.3		"	50.0		105	83-123		0.515	30	
1,1-Dichloroethane	53.5		"	50.0		107	75-130		0.337	30	
1,1-Dichloroethylene	54.3		"	50.0		109	64-137		1.71	30	
1,2,3-Trichlorobenzene	50.7		"	50.0		101	81-140		0.831	30	
1,2,3-Trichloropropane	53.0		"	50.0		106	81-126		2.56	30	
1,2,4-Trichlorobenzene	50.2		"	50.0		100	80-141		1.42	30	
1,2,4-Trimethylbenzene	50.8		"	50.0		102	84-125		0.725	30	
1,2-Dibromo-3-chloropropane	49.6		"	50.0		99.3	74-142		3.05	30	
1,2-Dibromoethane	52.4		"	50.0		105	86-123		0.533	30	
1,2-Dichlorobenzene	49.4		"	50.0		98.7	85-122		1.25	30	
1,2-Dichloroethane	53.8		"	50.0		108	71-133		1.29	30	
1,2-Dichloropropane	54.6		"	50.0		109	81-122		1.13	30	
1,3,5-Trimethylbenzene	50.2		"	50.0		100	82-126		1.05	30	
1,3-Dichlorobenzene	49.4		"	50.0		98.8	84-124		2.06	30	
1,4-Dichlorobenzene	48.5		"	50.0		96.9	84-124		2.59	30	
1,4-Dioxane	1160		"	1050		110	10-228		7.30	30	
2-Butanone	56.2		"	50.0		112	58-147		8.96	30	
2-Hexanone	51.8		"	50.0		104	70-139		1.55	30	
4-Methyl-2-pentanone	55.1		"	50.0		110	72-132		0.254	30	
Acetone	37.7		"	50.0		75.4	36-155		6.16	30	
Acrolein	41.6		"	50.0		83.2	10-238		3.70	30	
Acrylonitrile	55.9		"	50.0		112	66-141		3.50	30	
Benzene	55.6		"	50.0		111	77-127		1.21	30	
Bromochloromethane	56.2		"	50.0		112	74-129		2.54	30	
Bromodichloromethane	52.5		"	50.0		105	81-124		1.74	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30300 - EPA 5035A											
LCS Dup (BA30300-BSD1)								Prepared & Analyzed: 01/09/2023			
Bromoform	48.4		ug/L	50.0		96.8	80-136		2.89	30	
Bromomethane	46.5		"	50.0		93.0	32-177		7.27	30	
Carbon disulfide	52.4		"	50.0		105	10-136		1.44	30	
Carbon tetrachloride	56.2		"	50.0		112	66-143		2.10	30	
Chlorobenzene	53.6		"	50.0		107	86-120		0.205	30	
Chloroethane	50.4		"	50.0		101	51-142		0.998	30	
Chloroform	55.3		"	50.0		111	76-131		1.97	30	
Chloromethane	30.8		"	50.0		61.7	49-132		3.20	30	
cis-1,2-Dichloroethylene	54.8		"	50.0		110	74-132		1.18	30	
cis-1,3-Dichloropropylene	53.1		"	50.0		106	81-129		1.68	30	
Cyclohexane	51.6		"	50.0		103	70-130		1.13	30	
Dibromochloromethane	51.4		"	50.0		103	10-200		1.47	30	
Dibromomethane	51.3		"	50.0		103	83-124		0.777	30	
Dichlorodifluoromethane	15.2		"	50.0		30.5	28-158		3.75	30	
Ethyl Benzene	50.6		"	50.0		101	84-125		0.296	30	
Hexachlorobutadiene	49.9		"	50.0		99.9	83-133		0.00	30	
Isopropylbenzene	54.1		"	50.0		108	81-127		1.83	30	
Methyl acetate	55.4		"	50.0		111	41-143		4.02	30	
Methyl tert-butyl ether (MTBE)	54.7		"	50.0		109	74-131		1.75	30	
Methylcyclohexane	50.6		"	50.0		101	70-130		1.18	30	
Methylene chloride	51.4		"	50.0		103	57-141		2.28	30	
n-Butylbenzene	49.2		"	50.0		98.4	80-130		1.05	30	
n-Propylbenzene	52.4		"	50.0		105	74-136		1.10	30	
o-Xylene	50.4		"	50.0		101	83-123		0.497	30	
p- & m- Xylenes	99.9		"	100		99.9	82-128		0.0200	30	
p-Isopropyltoluene	49.6		"	50.0		99.2	85-125		1.44	30	
sec-Butylbenzene	51.4		"	50.0		103	83-125		0.583	30	
Styrene	51.6		"	50.0		103	86-126		0.309	30	
tert-Butyl alcohol (TBA)	280		"	250		112	70-130		6.25	30	
tert-Butylbenzene	52.1		"	50.0		104	80-127		0.555	30	
Tetrachloroethylene	39.5		"	50.0		79.1	80-129	Low Bias	1.85	30	
Toluene	51.8		"	50.0		104	85-121		1.42	30	
trans-1,2-Dichloroethylene	54.0		"	50.0		108	72-132		1.44	30	
trans-1,3-Dichloropropylene	53.0		"	50.0		106	78-132		1.63	30	
Trichloroethylene	51.6		"	50.0		103	84-123		2.51	30	
Trichlorofluoromethane	52.6		"	50.0		105	62-140		0.114	30	
Vinyl Chloride	40.8		"	50.0		81.6	52-130		3.26	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.4*		*"*	*50.0*		*98.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.7*		*"*	*50.0*		*97.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.7*		*"*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BA30300 - EPA 5035A

Matrix Spike (BA30300-MS1) *Source sample: 23A0372-02 (23SB-2 (0-2)) Prepared & Analyzed: 01/09/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	33.0		ug/L	50.0	0.00	65.9	15-161				
1,1,1-Trichloroethane	46.7		"	50.0	0.00	93.5	42-145				
1,1,2,2-Tetrachloroethane	0.00		"	50.0	0.00		16-167	Low Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.3		"	50.0	0.00	86.6	11-160				
1,1,2-Trichloroethane	6.69		"	50.0	0.00	13.4	44-145	Low Bias			
1,1-Dichloroethane	46.5		"	50.0	0.00	93.0	46-142				
1,1-Dichloroethylene	80.9		"	50.0	0.00	162	30-153	High Bias			
1,2,3-Trichlorobenzene	34.7		"	50.0	0.00	69.4	10-157				
1,2,3-Trichloropropane	36.4		"	50.0	0.00	72.8	38-155				
1,2,4-Trichlorobenzene	33.2		"	50.0	0.00	66.4	10-151				
1,2,4-Trimethylbenzene	39.0		"	50.0	0.00	78.0	10-170				
1,2-Dibromo-3-chloropropane	3.76		"	50.0	0.00	7.52	36-138	Low Bias			
1,2-Dibromoethane	43.7		"	50.0	0.00	87.5	40-142				
1,2-Dichlorobenzene	38.9		"	50.0	0.00	77.7	10-147				
1,2-Dichloroethane	47.2		"	50.0	0.00	94.4	48-133				
1,2-Dichloropropane	46.7		"	50.0	0.00	93.4	47-141				
1,3,5-Trimethylbenzene	39.1		"	50.0	0.00	78.2	10-150				
1,3-Dichlorobenzene	37.7		"	50.0	0.00	75.3	10-144				
1,4-Dichlorobenzene	36.7		"	50.0	0.00	73.4	10-160				
1,4-Dioxane	940		"	1050	0.00	89.5	10-191				
2-Butanone	45.0		"	50.0	0.00	89.9	10-189				
2-Hexanone	41.4		"	50.0	0.00	82.9	10-181				
4-Methyl-2-pentanone	44.9		"	50.0	0.00	89.7	10-166				
Acetone	34.4		"	50.0	7.02	54.9	10-196				
Acrolein	5.35		"	50.0	0.00	10.7	10-192				
Acrylonitrile	41.8		"	50.0	0.00	83.7	13-161				
Benzene	47.9		"	50.0	0.00	95.9	43-139				
Bromochloromethane	49.0		"	50.0	0.00	98.1	38-145				
Bromodichloromethane	26.3		"	50.0	0.00	52.6	38-147				
Bromoform	34.0		"	50.0	0.00	68.0	29-156				
Bromomethane	36.7		"	50.0	0.00	73.3	10-166				
Carbon disulfide	33.2		"	50.0	0.00	66.3	10-131				
Carbon tetrachloride	44.2		"	50.0	0.00	88.3	35-145				
Chlorobenzene	44.8		"	50.0	0.00	89.7	21-154				
Chloroethane	45.1		"	50.0	0.00	90.2	15-160				
Chloroform	47.2		"	50.0	0.00	94.5	47-142				
Chloromethane	27.5		"	50.0	0.00	55.0	10-159				
cis-1,2-Dichloroethylene	46.7		"	50.0	0.00	93.3	42-144				
cis-1,3-Dichloropropylene	40.0		"	50.0	0.00	80.0	18-159				
Cyclohexane	42.2		"	50.0	0.00	84.3	70-130				
Dibromochloromethane	29.8		"	50.0	0.00	59.6	10-179				
Dibromomethane	43.6		"	50.0	0.00	87.3	47-143				
Dichlorodifluoromethane	12.8		"	50.0	0.00	25.5	10-145				
Ethyl Benzene	42.5		"	50.0	0.00	85.1	11-158				
Hexachlorobutadiene	28.4		"	50.0	0.00	56.7	10-158				
Isopropylbenzene	43.2		"	50.0	0.00	86.5	10-162				
Methyl acetate	33.6		"	50.0	0.00	67.3	10-149				
Methyl tert-butyl ether (MTBE)	47.1		"	50.0	0.00	94.2	42-152				
Methylcyclohexane	36.4		"	50.0	0.00	72.9	70-130				
Methylene chloride	47.3		"	50.0	4.03	86.6	28-151				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30300 - EPA 5035A											
Matrix Spike (BA30300-MS1)	*Source sample: 23A0372-02 (23SB-2 (0-2))							Prepared & Analyzed: 01/09/2023			
n-Butylbenzene	33.0		ug/L	50.0	0.00	66.1	10-162				
n-Propylbenzene	39.7		"	50.0	0.00	79.5	10-155				
o-Xylene	43.8		"	50.0	0.00	87.6	10-158				
p- & m- Xylenes	84.8		"	100	0.00	84.8	10-156				
p-Isopropyltoluene	36.1		"	50.0	0.00	72.2	10-147				
sec-Butylbenzene	38.1		"	50.0	0.00	76.2	10-157				
Styrene	43.4		"	50.0	0.00	86.7	13-171				
tert-Butyl alcohol (TBA)	205		"	250	0.00	82.0	34-179				
tert-Butylbenzene	40.2		"	50.0	0.00	80.5	10-160				
Tetrachloroethylene	30.9		"	50.0	0.00	61.7	30-167				
Toluene	43.7		"	50.0	0.00	87.4	21-160				
trans-1,2-Dichloroethylene	46.0		"	50.0	0.00	92.0	29-153				
trans-1,3-Dichloropropylene	40.6		"	50.0	0.00	81.2	18-155				
Trichloroethylene	84.6		"	50.0	0.00	169	24-169				
Trichlorofluoromethane	44.5		"	50.0	0.00	88.9	35-142				
Vinyl Chloride	36.9		"	50.0	0.00	73.7	12-160				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.4*		*"*	*50.0*		*98.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*96.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.3*		*"*	*50.0*		*103*	*76-130*				
Matrix Spike Dup (BA30300-MSD1)	*Source sample: 23A0372-02 (23SB-2 (0-2))							Prepared & Analyzed: 01/09/2023			
1,1,1,2-Tetrachloroethane	34.1		ug/L	50.0	0.00	68.1	15-161		3.31	33	
1,1,1-Trichloroethane	48.9		"	50.0	0.00	97.8	42-145		4.52	30	
1,1,2,2-Tetrachloroethane	0.00		"	50.0	0.00		16-167	Low Bias		56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44.5		"	50.0	0.00	89.0	11-160		2.66	31	
1,1,2-Trichloroethane	6.36		"	50.0	0.00	12.7	44-145	Low Bias	5.06	40	
1,1-Dichloroethane	48.1		"	50.0	0.00	96.2	46-142		3.34	36	
1,1-Dichloroethylene	84.8		"	50.0	0.00	170	30-153	High Bias	4.63	31	
1,2,3-Trichlorobenzene	33.5		"	50.0	0.00	67.0	10-157		3.61	47	
1,2,3-Trichloropropane	40.0		"	50.0	0.00	80.1	38-155		9.49	48	
1,2,4-Trichlorobenzene	31.6		"	50.0	0.00	63.1	10-151		5.00	52	
1,2,4-Trimethylbenzene	38.8		"	50.0	0.00	77.7	10-170		0.437	242	
1,2-Dibromo-3-chloropropane	2.47		"	50.0	0.00	4.94	36-138	Low Bias	41.4	54	
1,2-Dibromoethane	46.2		"	50.0	0.00	92.3	40-142		5.41	39	
1,2-Dichlorobenzene	39.2		"	50.0	0.00	78.3	10-147		0.769	52	
1,2-Dichloroethane	48.1		"	50.0	0.00	96.2	48-133		1.87	32	
1,2-Dichloropropane	52.3		"	50.0	0.00	105	47-141		11.4	37	
1,3,5-Trimethylbenzene	39.0		"	50.0	0.00	78.0	10-150		0.205	62	
1,3-Dichlorobenzene	38.2		"	50.0	0.00	76.5	10-144		1.55	51	
1,4-Dichlorobenzene	37.4		"	50.0	0.00	74.8	10-160		1.92	52	
1,4-Dioxane	1050		"	1050	0.00	100	10-191		11.2	196	
2-Butanone	47.9		"	50.0	0.00	95.8	10-189		6.35	67	
2-Hexanone	45.0		"	50.0	0.00	90.1	10-181		8.33	60	
4-Methyl-2-pentanone	49.7		"	50.0	0.00	99.3	10-166		10.1	47	
Acetone	34.7		"	50.0	4.25	60.9	10-196		0.752	150	
Acrolein	5.69		"	50.0	0.00	11.4	10-192		6.16	128	
Acrylonitrile	43.0		"	50.0	0.00	85.9	13-161		2.67	48	
Benzene	48.7		"	50.0	0.00	97.4	43-139		1.57	64	
Bromochloromethane	50.1		"	50.0	0.00	100	38-145		2.12	30	
Bromodichloromethane	29.1		"	50.0	0.00	58.2	38-147		10.0	37	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30300 - EPA 5035A											
Matrix Spike Dup (BA30300-MSD1)	*Source sample: 23A0372-02 (23SB-2 (0-2))								Prepared & Analyzed: 01/09/2023		
Bromoform	33.4		ug/L	50.0	0.00	66.9	29-156		1.57	51	
Bromomethane	36.7		"	50.0	0.00	73.4	10-166		0.0818	42	
Carbon disulfide	33.7		"	50.0	0.00	67.4	10-131		1.64	36	
Carbon tetrachloride	47.4		"	50.0	0.00	94.7	35-145		6.99	31	
Chlorobenzene	45.3		"	50.0	0.00	90.7	21-154		1.13	32	
Chloroethane	43.4		"	50.0	0.00	86.7	15-160		3.96	40	
Chloroform	48.0		"	50.0	0.00	96.1	47-142		1.66	29	
Chloromethane	22.7		"	50.0	0.00	45.5	10-159		18.9	31	
cis-1,2-Dichloroethylene	48.2		"	50.0	0.00	96.3	42-144		3.14	30	
cis-1,3-Dichloropropylene	45.0		"	50.0	0.00	89.9	18-159		11.7	39	
Cyclohexane	42.0		"	50.0	0.00	84.1	70-130		0.333	30	
Dibromochloromethane	31.5		"	50.0	0.00	62.9	10-179		5.45	41	
Dibromomethane	48.3		"	50.0	0.00	96.6	47-143		10.1	41	
Dichlorodifluoromethane	11.5		"	50.0	0.00	23.0	10-145		10.6	34	
Ethyl Benzene	42.4		"	50.0	0.00	84.8	11-158		0.330	42	
Hexachlorobutadiene	24.8		"	50.0	0.00	49.6	10-158		13.4	45	
Isopropylbenzene	46.1		"	50.0	0.00	92.2	10-162		6.42	57	
Methyl acetate	35.0		"	50.0	0.00	70.0	10-149		3.96	64	
Methyl tert-butyl ether (MTBE)	48.7		"	50.0	0.00	97.3	42-152		3.26	47	
Methylcyclohexane	38.5		"	50.0	0.00	77.0	70-130		5.50	30	
Methylene chloride	45.3		"	50.0	2.44	85.7	28-151		4.38	49	
n-Butylbenzene	31.7		"	50.0	0.00	63.4	10-162		4.08	96	
n-Propylbenzene	41.0		"	50.0	0.00	82.0	10-155		3.12	56	
o-Xylene	41.7		"	50.0	0.00	83.4	10-158		4.89	51	
p- & m- Xylenes	82.3		"	100	0.00	82.3	10-156		3.00	47	
p-Isopropyltoluene	35.0		"	50.0	0.00	70.0	10-147		3.09	60	
sec-Butylbenzene	37.4		"	50.0	0.00	74.7	10-157		1.96	56	
Styrene	41.3		"	50.0	0.00	82.5	13-171		4.94	39	
tert-Butyl alcohol (TBA)	239		"	250	0.00	95.4	34-179		15.2	35	
tert-Butylbenzene	40.6		"	50.0	0.00	81.1	10-160		0.767	79	
Tetrachloroethylene	32.7		"	50.0	0.00	65.4	30-167		5.73	33	
Toluene	46.8		"	50.0	0.00	93.6	21-160		6.81	50	
trans-1,2-Dichloroethylene	48.0		"	50.0	0.00	95.9	29-153		4.17	30	
trans-1,3-Dichloropropylene	44.9		"	50.0	0.00	89.8	18-155		10.1	30	
Trichloroethylene	94.8		"	50.0	0.00	190	24-169	High Bias	11.4	30	
Trichlorofluoromethane	46.3		"	50.0	0.00	92.6	35-142		4.08	30	
Vinyl Chloride	34.6		"	50.0	0.00	69.2	12-160		6.29	35	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*99.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.2*		*"*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.7*		*"*	*50.0*		*109*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30557 - EPA 5030B											
Blank (BA30557-BLK1)											Prepared & Analyzed: 01/12/2023
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30557 - EPA 5030B											
Blank (BA30557-BLK1)									Prepared & Analyzed: 01/12/2023		
Methylene chloride	1.16	2.00	ug/L								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.83*		*"*	*10.0*		*98.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.61*		*"*	*10.0*		*96.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.93*		*"*	*10.0*		*99.3*	*79-122*				
LCS (BA30557-BS1)									Prepared & Analyzed: 01/12/2023		
1,1,1,2-Tetrachloroethane	9.23		ug/L	10.0		92.3	82-126				
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165				
1,1,2-Trichloroethane	9.43		"	10.0		94.3	82-123				
1,1-Dichloroethane	9.94		"	10.0		99.4	82-129				
1,1-Dichloroethylene	10.2		"	10.0		102	68-138				
1,2,3-Trichlorobenzene	7.77		"	10.0		77.7	76-136				
1,2,3-Trichloropropane	9.46		"	10.0		94.6	77-128				
1,2,4-Trichlorobenzene	8.42		"	10.0		84.2	76-137				
1,2,4-Trimethylbenzene	8.99		"	10.0		89.9	82-132				
1,2-Dibromo-3-chloropropane	9.06		"	10.0		90.6	45-147				
1,2-Dibromoethane	9.58		"	10.0		95.8	83-124				
1,2-Dichlorobenzene	9.08		"	10.0		90.8	79-123				
1,2-Dichloroethane	10.3		"	10.0		103	73-132				
1,2-Dichloropropane	9.74		"	10.0		97.4	78-126				
1,3,5-Trimethylbenzene	8.76		"	10.0		87.6	80-131				
1,3-Dichlorobenzene	9.00		"	10.0		90.0	86-122				
1,3-Dichloropropane	9.56		"	10.0		95.6	81-125				
1,4-Dichlorobenzene	8.92		"	10.0		89.2	85-124				
1,4-Dioxane	187		"	210		89.2	10-349				
2-Butanone	7.74		"	10.0		77.4	49-152				
2-Hexanone	7.92		"	10.0		79.2	51-146				
4-Methyl-2-pentanone	9.29		"	10.0		92.9	57-145				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30557 - EPA 5030B											
LCS (BA30557-BS1)								Prepared & Analyzed: 01/12/2023			
Acetone	5.35		ug/L	10.0		53.5	14-150				
Acrolein	7.26		"	10.0		72.6	10-153				
Acrylonitrile	10.8		"	10.0		108	51-150				
Benzene	10.5		"	10.0		105	85-126				
Bromochloromethane	10.6		"	10.0		106	77-128				
Bromodichloromethane	9.16		"	10.0		91.6	79-128				
Bromoform	9.04		"	10.0		90.4	78-133				
Bromomethane	5.36		"	10.0		53.6	43-168				
Carbon disulfide	9.74		"	10.0		97.4	68-146				
Carbon tetrachloride	10.0		"	10.0		100	77-141				
Chlorobenzene	9.93		"	10.0		99.3	88-120				
Chloroethane	11.2		"	10.0		112	65-136				
Chloroform	10.2		"	10.0		102	82-128				
Chloromethane	6.14		"	10.0		61.4	43-155				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129				
cis-1,3-Dichloropropylene	9.39		"	10.0		93.9	80-131				
Cyclohexane	9.71		"	10.0		97.1	63-149				
Dibromochloromethane	9.17		"	10.0		91.7	80-130				
Dibromomethane	9.58		"	10.0		95.8	72-134				
Dichlorodifluoromethane	3.28		"	10.0		32.8	44-144	Low Bias			
Ethyl Benzene	9.49		"	10.0		94.9	80-131				
Hexachlorobutadiene	8.28		"	10.0		82.8	67-146				
Isopropylbenzene	9.27		"	10.0		92.7	76-140				
Methyl acetate	9.94		"	10.0		99.4	51-139				
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	76-135				
Methylcyclohexane	9.00		"	10.0		90.0	72-143				
Methylene chloride	13.4		"	10.0		134	55-137				
Naphthalene	9.08		"	10.0		90.8	70-147				
n-Butylbenzene	9.46		"	10.0		94.6	79-132				
n-Propylbenzene	9.15		"	10.0		91.5	78-133				
o-Xylene	9.43		"	10.0		94.3	78-130				
p- & m- Xylenes	19.2		"	20.0		95.8	77-133				
p-Diethylbenzene	8.72		"	10.0		87.2	84-134				
p-Ethyltoluene	9.34		"	10.0		93.4	88-129				
p-Isopropyltoluene	8.69		"	10.0		86.9	81-136				
sec-Butylbenzene	8.92		"	10.0		89.2	79-137				
Styrene	9.79		"	10.0		97.9	67-132				
tert-Butyl alcohol (TBA)	49.2		"	50.0		98.5	25-162				
tert-Butylbenzene	8.85		"	10.0		88.5	77-138				
Tetrachloroethylene	5.16		"	10.0		51.6	82-131	Low Bias			
Toluene	9.52		"	10.0		95.2	80-127				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-132				
trans-1,3-Dichloropropylene	9.30		"	10.0		93.0	78-131				
Trichloroethylene	8.86		"	10.0		88.6	82-128				
Trichlorofluoromethane	11.2		"	20.0		56.0	67-139	Low Bias			
Vinyl Chloride	8.65		"	10.0		86.5	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.80*		*"*	*10.0*		*98.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.60*		*"*	*10.0*		*96.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.68*		*"*	*10.0*		*96.8*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30557 - EPA 5030B											
LCS Dup (BA30557-BSD1)								Prepared & Analyzed: 01/12/2023			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126		8.70	30	
1,1,1-Trichloroethane	11.1		"	10.0		111	78-136		7.89	30	
1,1,2,2-Tetrachloroethane	11.7		"	10.0		117	76-129		10.6	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	54-165		8.33	30	
1,1,2-Trichloroethane	10.6		"	10.0		106	82-123		11.4	30	
1,1-Dichloroethane	10.9		"	10.0		109	82-129		9.30	30	
1,1-Dichloroethylene	10.8		"	10.0		108	68-138		5.82	30	
1,2,3-Trichlorobenzene	9.13		"	10.0		91.3	76-136		16.1	30	
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128		11.0	30	
1,2,4-Trichlorobenzene	9.49		"	10.0		94.9	76-137		11.9	30	
1,2,4-Trimethylbenzene	9.77		"	10.0		97.7	82-132		8.32	30	
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	45-147		13.6	30	
1,2-Dibromoethane	10.7		"	10.0		107	83-124		11.1	30	
1,2-Dichlorobenzene	9.94		"	10.0		99.4	79-123		9.04	30	
1,2-Dichloroethane	11.6		"	10.0		116	73-132		11.5	30	
1,2-Dichloropropane	10.6		"	10.0		106	78-126		8.27	30	
1,3,5-Trimethylbenzene	9.51		"	10.0		95.1	80-131		8.21	30	
1,3-Dichlorobenzene	9.75		"	10.0		97.5	86-122		8.00	30	
1,3-Dichloropropane	10.6		"	10.0		106	81-125		10.7	30	
1,4-Dichlorobenzene	9.71		"	10.0		97.1	85-124		8.48	30	
1,4-Dioxane	219		"	210		104	10-349		15.5	30	
2-Butanone	8.95		"	10.0		89.5	49-152		14.5	30	
2-Hexanone	9.00		"	10.0		90.0	51-146		12.8	30	
4-Methyl-2-pentanone	10.7		"	10.0		107	57-145		13.7	30	
Acetone	6.08		"	10.0		60.8	14-150		12.8	30	
Acrolein	8.37		"	10.0		83.7	10-153		14.2	30	
Acrylonitrile	12.5		"	10.0		125	51-150		14.9	30	
Benzene	11.4		"	10.0		114	85-126		8.38	30	
Bromochloromethane	11.7		"	10.0		117	77-128		9.57	30	
Bromodichloromethane	10.1		"	10.0		101	79-128		9.66	30	
Bromoform	10.4		"	10.0		104	78-133		13.6	30	
Bromomethane	6.11		"	10.0		61.1	43-168		13.1	30	
Carbon disulfide	10.2		"	10.0		102	68-146		5.01	30	
Carbon tetrachloride	10.8		"	10.0		108	77-141		7.03	30	
Chlorobenzene	10.8		"	10.0		108	88-120		8.85	30	
Chloroethane	12.0		"	10.0		120	65-136		7.25	30	
Chloroform	11.2		"	10.0		112	82-128		9.29	30	
Chloromethane	6.54		"	10.0		65.4	43-155		6.31	30	
cis-1,2-Dichloroethylene	11.1		"	10.0		111	83-129		8.27	30	
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131		8.47	30	
Cyclohexane	10.6		"	10.0		106	63-149		8.86	30	
Dibromochloromethane	10.3		"	10.0		103	80-130		11.3	30	
Dibromomethane	10.6		"	10.0		106	72-134		9.83	30	
Dichlorodifluoromethane	3.40		"	10.0		34.0	44-144	Low Bias	3.59	30	
Ethyl Benzene	10.3		"	10.0		103	80-131		8.57	30	
Hexachlorobutadiene	9.14		"	10.0		91.4	67-146		9.87	30	
Isopropylbenzene	10.0		"	10.0		100	76-140		7.58	30	
Methyl acetate	11.3		"	10.0		113	51-139		13.2	30	
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	76-135		12.5	30	
Methylcyclohexane	9.73		"	10.0		97.3	72-143		7.79	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30557 - EPA 5030B											
LCS Dup (BA30557-BSD1)								Prepared & Analyzed: 01/12/2023			
Methylene chloride	14.9		ug/L	10.0		149	55-137	High Bias	10.0	30	
Naphthalene	10.4		"	10.0		104	70-147		13.7	30	
n-Butylbenzene	10.6		"	10.0		106	79-132		11.0	30	
n-Propylbenzene	9.96		"	10.0		99.6	78-133		8.48	30	
o-Xylene	10.4		"	10.0		104	78-130		9.30	30	
p- & m- Xylenes	20.9		"	20.0		105	77-133		8.73	30	
p-Diethylbenzene	9.63		"	10.0		96.3	84-134		9.92	30	
p-Ethyltoluene	10.2		"	10.0		102	88-129		8.61	30	
p-Isopropyltoluene	9.65		"	10.0		96.5	81-136		10.5	30	
sec-Butylbenzene	9.82		"	10.0		98.2	79-137		9.61	30	
Styrene	10.7		"	10.0		107	67-132		8.88	30	
tert-Butyl alcohol (TBA)	58.0		"	50.0		116	25-162		16.3	30	
tert-Butylbenzene	9.71		"	10.0		97.1	77-138		9.27	30	
Tetrachloroethylene	5.54		"	10.0		55.4	82-131	Low Bias	7.10	30	
Toluene	10.3		"	10.0		103	80-127		7.97	30	
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-132		7.65	30	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	78-131		10.4	30	
Trichloroethylene	9.39		"	10.0		93.9	82-128		5.81	30	
Trichlorofluoromethane	12.0		"	20.0		60.2	67-139	Low Bias	7.22	30	
Vinyl Chloride	9.21		"	10.0		92.1	58-145		6.27	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.52*		*"*	*10.0*		*95.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.60*		*"*	*10.0*		*96.0*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30376 - EPA 3510C											
Blank (BA30376-BLK1)											
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	*13.4*		"	*50.0*		*26.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*7.81*		"	*50.0*		*15.6*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.4*		"	*25.0*		*73.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.5*		"	*25.0*		*58.1*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*38.5*		"	*50.0*		*77.0*	*39.3-151*				

Prepared: 01/10/2023 Analyzed: 01/11/2023

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30376 - EPA 3510C											
Blank (BA30376-BLK1)									Prepared: 01/10/2023 Analyzed: 01/11/2023		
Surrogate: SURR: Terphenyl-d14	*17.6*		*ug/L*	*25.0*		*70.2*	*30.7-106*				
Blank (BA30376-BLK2)									Prepared: 01/10/2023 Analyzed: 01/11/2023		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
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	"								
Bis(2-ethylhexyl)phthalate	0.860	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30376 - EPA 3510C											
LCS (BA30376-BS1)								Prepared: 01/10/2023 Analyzed: 01/11/2023			
1,1-Biphenyl	15.3	5.00	ug/L	25.0		61.3	33-95				
1,2,4,5-Tetrachlorobenzene	14.2	5.00	"	25.0		56.9	26-120				
2,3,4,6-Tetrachlorophenol	16.8	5.00	"	25.0		67.4	30-130				
2,4,5-Trichlorophenol	17.3	5.00	"	25.0		69.2	32-114				
2,4,6-Trichlorophenol	16.0	5.00	"	25.0		63.9	35-118				
2,4-Dichlorophenol	16.3	5.00	"	25.0		65.2	25-116				
2,4-Dimethylphenol	15.6	5.00	"	25.0		62.4	15-116				
2,4-Dinitrophenol	19.2	5.00	"	25.0		77.0	10-170				
2,4-Dinitrotoluene	35.9	5.00	"	25.0		144	41-128	High Bias			
2,6-Dinitrotoluene	32.4	5.00	"	25.0		129	45-116	High Bias			
2-Chloronaphthalene	14.8	5.00	"	25.0		59.3	33-112				
2-Chlorophenol	13.0	5.00	"	25.0		51.8	15-120				
2-Methylnaphthalene	15.5	5.00	"	25.0		62.0	24-118				
2-Methylphenol	11.7	5.00	"	25.0		46.6	10-110				
2-Nitroaniline	25.6	5.00	"	25.0		102	34-129				
2-Nitrophenol	23.3	5.00	"	25.0		93.2	28-118				
3- & 4-Methylphenols	9.25	5.00	"	25.0		37.0	10-107				
3,3-Dichlorobenzidine	12.4	5.00	"	25.0		49.6	15-187				
3-Nitroaniline	20.2	5.00	"	25.0		81.0	24-134				
4,6-Dinitro-2-methylphenol	35.2	5.00	"	25.0		141	10-153				
4-Bromophenyl phenyl ether	17.0	5.00	"	25.0		68.1	34-120				
4-Chloro-3-methylphenol	16.4	5.00	"	25.0		65.4	20-120				
4-Chloroaniline	11.4	5.00	"	25.0		45.4	10-147				
4-Chlorophenyl phenyl ether	16.1	5.00	"	25.0		64.3	27-121				
4-Nitroaniline	23.4	5.00	"	25.0		93.8	13-134				
4-Nitrophenol	7.47	5.00	"	25.0		29.9	10-131				
Acetophenone	14.4	5.00	"	25.0		57.8	25-110				
Benzaldehyde	13.7	5.00	"	25.0		54.8	29-117				
Benzyl butyl phthalate	15.7	5.00	"	25.0		62.7	29-133				
Bis(2-chloroethoxy)methane	15.1	5.00	"	25.0		60.5	10-154				
Bis(2-chloroethyl)ether	11.3	5.00	"	25.0		45.3	17-125				
Bis(2-chloroisopropyl)ether	13.4	5.00	"	25.0		53.8	10-139				
Caprolactam	2.61	5.00	"	25.0		10.4	10-137				
Carbazole	17.8	5.00	"	25.0		71.1	42-126				
Dibenzofuran	15.6	5.00	"	25.0		62.3	36-113				
Diethyl phthalate	15.9	5.00	"	25.0		63.7	38-115				
Dimethyl phthalate	16.2	5.00	"	25.0		64.8	38-129				
Di-n-butyl phthalate	16.6	5.00	"	25.0		66.2	31-120				
Di-n-octyl phthalate	15.9	5.00	"	25.0		63.6	21-149				
Hexachlorocyclopentadiene	9.54	10.0	"	25.0		38.2	10-130				
Isophorone	16.1	5.00	"	25.0		64.6	25-127				
N-nitroso-di-n-propylamine	14.0	5.00	"	25.0		55.9	26-122				
N-Nitrosodiphenylamine	18.6	5.00	"	25.0		74.4	23-149				
Phenol	5.81	5.00	"	25.0		23.2	10-110				
Pyridine	4.45	5.00	"	25.5		17.5	10-90				
Surrogate: SURR: 2-Fluorophenol	*14.0*		*"*	*50.0*		*28.1*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*8.67*		*"*	*50.0*		*17.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.3*		*"*	*25.0*		*73.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.6*		*"*	*25.0*		*58.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*41.3*		*"*	*50.0*		*82.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.2*		*"*	*25.0*		*69.0*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30376 - EPA 3510C											
LCS (BA30376-BS2)								Prepared: 01/10/2023 Analyzed: 01/11/2023			
Acenaphthene	0.580	0.0500	ug/L	1.00		58.0	25-116				
Acenaphthylene	0.610	0.0500	"	1.00		61.0	26-116				
Anthracene	0.580	0.0500	"	1.00		58.0	25-123				
Benzo(a)anthracene	0.650	0.0500	"	1.00		65.0	33-125				
Benzo(a)pyrene	0.540	0.0500	"	1.00		54.0	32-132				
Benzo(b)fluoranthene	0.670	0.0500	"	1.00		67.0	22-137				
Benzo(g,h,i)perylene	0.730	0.0500	"	1.00		73.0	10-138				
Benzo(k)fluoranthene	0.640	0.0500	"	1.00		64.0	20-137				
Bis(2-ethylhexyl)phthalate	1.42	0.500	"	1.00		142	10-189				
Chrysene	0.680	0.0500	"	1.00		68.0	32-124				
Dibenzo(a,h)anthracene	0.690	0.0500	"	1.00		69.0	16-133				
Fluoranthene	0.740	0.0500	"	1.00		74.0	32-121				
Fluorene	0.680	0.0500	"	1.00		68.0	28-118				
Hexachlorobenzene	0.750	0.0200	"	1.00		75.0	23-124				
Hexachlorobutadiene	0.610	0.500	"	1.00		61.0	15-123				
Hexachloroethane	2.82	0.500	"	1.00		282	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.710	0.0500	"	1.00		71.0	15-135				
Naphthalene	0.620	0.0500	"	1.00		62.0	18-120				
Nitrobenzene	0.700	0.250	"	1.00		70.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.670	0.250	"	1.00		67.0	10-156				
Phenanthrene	0.680	0.0500	"	1.00		68.0	24-127				
Pyrene	0.640	0.0500	"	1.00		64.0	31-132				
LCS Dup (BA30376-BSD1)								Prepared: 01/10/2023 Analyzed: 01/11/2023			
1,1-Biphenyl	14.4	5.00	ug/L	25.0		57.8	33-95		5.91	20	
1,2,4,5-Tetrachlorobenzene	14.8	5.00	"	25.0		59.4	26-120		4.27	20	
2,3,4,6-Tetrachlorophenol	17.3	5.00	"	25.0		69.3	30-130		2.81	20	
2,4,5-Trichlorophenol	17.7	5.00	"	25.0		70.9	32-114		2.46	20	
2,4,6-Trichlorophenol	16.5	5.00	"	25.0		66.0	35-118		3.26	20	
2,4-Dichlorophenol	17.3	5.00	"	25.0		69.1	25-116		5.90	20	
2,4-Dimethylphenol	16.4	5.00	"	25.0		65.5	15-116		4.94	20	
2,4-Dinitrophenol	24.1	5.00	"	25.0		96.5	10-170		22.5	20	Non-dir.
2,4-Dinitrotoluene	37.8	5.00	"	25.0		151	41-128	High Bias	5.26	20	
2,6-Dinitrotoluene	33.6	5.00	"	25.0		134	45-116	High Bias	3.64	20	
2-Chloronaphthalene	15.5	5.00	"	25.0		62.0	33-112		4.49	20	
2-Chlorophenol	13.8	5.00	"	25.0		55.0	15-120		5.99	20	
2-Methylnaphthalene	16.2	5.00	"	25.0		65.0	24-118		4.79	20	
2-Methylphenol	12.4	5.00	"	25.0		49.6	10-110		6.23	20	
2-Nitroaniline	26.4	5.00	"	25.0		105	34-129		3.04	20	
2-Nitrophenol	24.4	5.00	"	25.0		97.5	28-118		4.57	20	
3- & 4-Methylphenols	9.85	5.00	"	25.0		39.4	10-107		6.28	20	
3,3-Dichlorobenzidine	12.8	5.00	"	25.0		51.2	15-187		3.33	20	
3-Nitroaniline	21.4	5.00	"	25.0		85.4	24-134		5.34	20	
4,6-Dinitro-2-methylphenol	40.5	5.00	"	25.0		162	10-153	High Bias	13.9	20	
4-Bromophenyl phenyl ether	17.4	5.00	"	25.0		69.6	34-120		2.21	20	
4-Chloro-3-methylphenol	16.9	5.00	"	25.0		67.5	20-120		3.07	20	
4-Chloroaniline	11.7	5.00	"	25.0		46.8	10-147		2.95	20	
4-Chlorophenyl phenyl ether	16.8	5.00	"	25.0		67.3	27-121		4.56	20	
4-Nitroaniline	24.8	5.00	"	25.0		99.4	13-134		5.76	20	
4-Nitrophenol	7.93	5.00	"	25.0		31.7	10-131		5.97	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30376 - EPA 3510C											
LCS Dup (BA30376-BSD1)								Prepared: 01/10/2023 Analyzed: 01/11/2023			
Acetophenone	13.7	5.00	ug/L	25.0		54.6	25-110		5.62	20	
Benzaldehyde	12.8	5.00	"	25.0		51.4	29-117		6.40	20	
Benzyl butyl phthalate	16.2	5.00	"	25.0		64.6	29-133		3.08	20	
Bis(2-chloroethoxy)methane	16.1	5.00	"	25.0		64.4	10-154		6.15	20	
Bis(2-chloroethyl)ether	11.5	5.00	"	25.0		45.8	17-125		1.14	20	
Bis(2-chloroisopropyl)ether	14.3	5.00	"	25.0		57.3	10-139		6.34	20	
Caprolactam	2.54	5.00	"	25.0		10.2	10-137		2.72	20	
Carbazole	18.2	5.00	"	25.0		72.9	42-126		2.50	20	
Dibenzofuran	16.4	5.00	"	25.0		65.7	36-113		5.25	20	
Diethyl phthalate	16.7	5.00	"	25.0		66.8	38-115		4.84	20	
Dimethyl phthalate	16.9	5.00	"	25.0		67.6	38-129		4.29	20	
Di-n-butyl phthalate	17.0	5.00	"	25.0		68.2	31-120		2.92	20	
Di-n-octyl phthalate	16.0	5.00	"	25.0		63.8	21-149		0.440	20	
Hexachlorocyclopentadiene	9.96	10.0	"	25.0		39.8	10-130		4.31	20	
Isophorone	16.7	5.00	"	25.0		66.7	25-127		3.29	20	
N-nitroso-di-n-propylamine	14.8	5.00	"	25.0		59.1	26-122		5.57	20	
N-Nitrosodiphenylamine	19.2	5.00	"	25.0		76.6	23-149		2.91	20	
Phenol	6.18	5.00	"	25.0		24.7	10-110		6.17	20	
Pyridine	4.33	5.00	"	25.5		17.0	10-90		2.73	20	
Surrogate: SURR: 2-Fluorophenol	*13.5*		*"*	*50.0*		*27.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*8.23*		*"*	*50.0*		*16.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*17.6*		*"*	*25.0*		*70.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.9*		*"*	*25.0*		*55.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*37.9*		*"*	*50.0*		*75.8*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*15.6*		*"*	*25.0*		*62.2*	*30.7-106*				
Batch BA30467 - EPA 3550C											
Blank (BA30467-BLK1)								Prepared: 01/11/2023 Analyzed: 01/12/2023			
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30467 - EPA 3550C											
Blank (BA30467-BLK1)											
Prepared: 01/11/2023 Analyzed: 01/12/2023											
3,3-Dichlorobenzidine	ND	0.0417	mg/kg wet								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30467 - EPA 3550C											
Blank (BA30467-BLK1)											Prepared: 01/11/2023 Analyzed: 01/12/2023
Pentachlorophenol	ND	0.0417	mg/kg wet								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Surrogate: SURR: 2-Fluorophenol	*1.14*		*"*	*1.67*		*68.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.13*		*"*	*1.67*		*67.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.630*		*"*	*0.833*		*75.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.595*		*"*	*0.833*		*71.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.26*		*"*	*1.67*		*75.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.669*		*"*	*0.833*		*80.2*	*24-116*				
LCS (BA30467-BS1)											Prepared: 01/11/2023 Analyzed: 01/12/2023
1,1-Biphenyl	0.598	0.0417	mg/kg wet	0.833		71.8	18-111				
1,2,4,5-Tetrachlorobenzene	0.661	0.0833	"	0.833		79.4	21-131				
1,2,4-Trichlorobenzene	0.614	0.0417	"	0.833		73.6	10-140				
1,2-Dichlorobenzene	0.548	0.0417	"	0.833		65.8	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.576	0.0417	"	0.833		69.2	17-137				
1,3-Dichlorobenzene	0.542	0.0417	"	0.833		65.0	33-110				
1,4-Dichlorobenzene	0.543	0.0417	"	0.833		65.1	32-104				
2,3,4,6-Tetrachlorophenol	0.650	0.0833	"	0.833		78.0	30-130				
2,4,5-Trichlorophenol	0.628	0.0417	"	0.833		75.4	27-118				
2,4,6-Trichlorophenol	0.607	0.0417	"	0.833		72.8	31-120				
2,4-Dichlorophenol	0.656	0.0417	"	0.833		78.7	20-127				
2,4-Dimethylphenol	0.659	0.0417	"	0.833		79.0	14-132				
2,4-Dinitrophenol	0.285	0.0833	"	0.833		34.2	10-171				
2,4-Dinitrotoluene	0.724	0.0417	"	0.833		86.9	34-131				
2,6-Dinitrotoluene	0.743	0.0417	"	0.833		89.1	31-128				
2-Chloronaphthalene	0.582	0.0417	"	0.833		69.8	31-117				
2-Chlorophenol	0.570	0.0417	"	0.833		68.4	33-113				
2-Methylnaphthalene	0.611	0.0417	"	0.833		73.3	12-138				
2-Methylphenol	0.582	0.0417	"	0.833		69.9	10-136				
2-Nitroaniline	0.657	0.0833	"	0.833		78.8	27-132				
2-Nitrophenol	0.662	0.0417	"	0.833		79.4	17-129				
3- & 4-Methylphenols	0.515	0.0417	"	0.833		61.8	29-103				
3,3-Dichlorobenzidine	0.522	0.0417	"	0.833		62.6	22-149				
3-Nitroaniline	0.565	0.0833	"	0.833		67.8	20-133				
4,6-Dinitro-2-methylphenol	0.680	0.0833	"	0.833		81.6	10-143				
4-Bromophenyl phenyl ether	0.585	0.0417	"	0.833		70.2	29-120				
4-Chloro-3-methylphenol	0.648	0.0417	"	0.833		77.8	24-129				
4-Chloroaniline	0.353	0.0417	"	0.833		42.3	10-132				
4-Chlorophenyl phenyl ether	0.619	0.0417	"	0.833		74.3	27-124				
4-Nitroaniline	0.615	0.0833	"	0.833		73.8	16-128				
4-Nitrophenol	0.609	0.0833	"	0.833		73.1	10-141				
Acenaphthene	0.574	0.0417	"	0.833		68.8	30-121				
Acenaphthylene	0.545	0.0417	"	0.833		65.4	30-115				
Acetophenone	0.545	0.0417	"	0.833		65.4	20-112				
Aniline	0.496	0.167	"	0.833		59.6	10-119				
Anthracene	0.616	0.0417	"	0.833		74.0	34-118				
Atrazine	0.644	0.0417	"	0.833		77.2	26-112				
Benzaldehyde	0.589	0.0417	"	0.833		70.7	21-100				
Benzo(a)anthracene	0.592	0.0417	"	0.833		71.0	32-122				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30467 - EPA 3550C											
LCS (BA30467-BS1)									Prepared: 01/11/2023 Analyzed: 01/12/2023		
Benzo(a)pyrene	0.522	0.0417	mg/kg wet	0.833		62.6	29-133				
Benzo(b)fluoranthene	0.557	0.0417	"	0.833		66.9	25-133				
Benzo(g,h,i)perylene	0.584	0.0417	"	0.833		70.0	10-143				
Benzo(k)fluoranthene	0.575	0.0417	"	0.833		69.0	25-128				
Benzoic acid	0.149	0.0417	"	0.833		17.9	10-140				
Benzyl alcohol	0.554	0.0417	"	0.833		66.5	30-115				
Benzyl butyl phthalate	0.593	0.0417	"	0.833		71.1	26-126				
Bis(2-chloroethoxy)methane	0.590	0.0417	"	0.833		70.8	19-132				
Bis(2-chloroethyl)ether	0.539	0.0417	"	0.833		64.7	19-125				
Bis(2-chloroisopropyl)ether	0.539	0.0417	"	0.833		64.6	20-135				
Bis(2-ethylhexyl)phthalate	0.474	0.0417	"	0.833		56.8	10-155				
Caprolactam	0.651	0.0833	"	0.833		78.1	10-127				
Carbazole	0.618	0.0417	"	0.833		74.1	35-123				
Chrysene	0.566	0.0417	"	0.833		67.9	32-123				
Dibenzo(a,h)anthracene	0.577	0.0417	"	0.833		69.2	10-136				
Dibenzofuran	0.592	0.0417	"	0.833		71.0	29-121				
Diethyl phthalate	0.585	0.0417	"	0.833		70.2	34-116				
Dimethyl phthalate	0.594	0.0417	"	0.833		71.2	35-124				
Di-n-butyl phthalate	0.587	0.0417	"	0.833		70.4	31-116				
Di-n-octyl phthalate	0.577	0.0417	"	0.833		69.2	26-136				
Fluoranthene	0.568	0.0417	"	0.833		68.2	33-122				
Fluorene	0.598	0.0417	"	0.833		71.8	29-123				
Hexachlorobenzene	0.579	0.0417	"	0.833		69.5	21-124				
Hexachlorobutadiene	0.627	0.0417	"	0.833		75.2	10-149				
Hexachlorocyclopentadiene	0.466	0.0417	"	0.833		56.0	10-129				
Hexachloroethane	0.540	0.0417	"	0.833		64.8	28-108				
Indeno(1,2,3-cd)pyrene	0.571	0.0417	"	0.833		68.5	10-135				
Isophorone	0.605	0.0417	"	0.833		72.6	20-132				
Naphthalene	0.599	0.0417	"	0.833		71.8	23-124				
Nitrobenzene	0.603	0.0417	"	0.833		72.3	13-132				
N-Nitrosodimethylamine	0.478	0.0417	"	0.833		57.4	11-129				
N-nitroso-di-n-propylamine	0.548	0.0417	"	0.833		65.7	24-119				
N-Nitrosodiphenylamine	0.706	0.0417	"	0.833		84.8	22-152				
Pentachlorophenol	0.518	0.0417	"	0.833		62.2	10-139				
Phenanthrene	0.592	0.0417	"	0.833		71.0	33-123				
Phenol	0.565	0.0417	"	0.833		67.8	23-115				
Pyrene	0.587	0.0417	"	0.833		70.5	24-130				
Surrogate: SURR: 2-Fluorophenol	*1.13*		"	*1.67*		*67.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.12*		"	*1.67*		*67.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.592*		"	*0.833*		*71.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.573*		"	*0.833*		*68.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.26*		"	*1.67*		*75.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.641*		"	*0.833*		*76.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30467 - EPA 3550C											
Matrix Spike (BA30467-MS1)	*Source sample: 23A0372-02 (23SB-2 (0-2))							Prepared: 01/11/2023 Analyzed: 01/12/2023			
1,1-Biphenyl	0.537	0.0886	mg/kg dry	0.885	ND	60.6	10-130				
1,2,4,5-Tetrachlorobenzene	0.604	0.177	"	0.885	ND	68.2	10-133				
1,2,4-Trichlorobenzene	0.557	0.0886	"	0.885	ND	63.0	10-127				
1,2-Dichlorobenzene	0.503	0.0886	"	0.885	ND	56.8	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.526	0.0886	"	0.885	ND	59.4	10-144				
1,3-Dichlorobenzene	0.497	0.0886	"	0.885	ND	56.2	11-111				
1,4-Dichlorobenzene	0.504	0.0886	"	0.885	ND	57.0	10-106				
2,3,4,6-Tetrachlorophenol	ND	0.177	"	0.885	ND		30-130	Low Bias			
2,4,5-Trichlorophenol	ND	0.0886	"	0.885	ND		10-127	Low Bias			
2,4,6-Trichlorophenol	ND	0.0886	"	0.885	ND		10-132	Low Bias			
2,4-Dichlorophenol	0.0475	0.0886	"	0.885	ND	5.36	10-128	Low Bias			
2,4-Dimethylphenol	0.551	0.0886	"	0.885	ND	62.2	10-137				
2,4-Dinitrophenol	ND	0.177	"	0.885	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.602	0.0886	"	0.885	ND	68.0	16-135				
2,6-Dinitrotoluene	0.639	0.0886	"	0.885	ND	72.2	18-131				
2-Chloronaphthalene	0.516	0.0886	"	0.885	ND	58.2	10-129				
2-Chlorophenol	0.0970	0.0886	"	0.885	ND	11.0	15-116	Low Bias			
2-Methylnaphthalene	0.550	0.0886	"	0.885	ND	62.2	10-147				
2-Methylphenol	0.475	0.0886	"	0.885	ND	53.6	10-136				
2-Nitroaniline	0.546	0.177	"	0.885	ND	61.7	10-137				
2-Nitrophenol	ND	0.0886	"	0.885	ND		10-129	Low Bias			
3- & 4-Methylphenols	0.386	0.0886	"	0.885	ND	43.6	10-123				
3,3-Dichlorobenzidine	0.479	0.0886	"	0.885	ND	54.1	10-155				
3-Nitroaniline	0.494	0.177	"	0.885	ND	55.8	12-133				
4,6-Dinitro-2-methylphenol	ND	0.177	"	0.885	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	0.552	0.0886	"	0.885	ND	62.3	14-128				
4-Chloro-3-methylphenol	0.405	0.0886	"	0.885	ND	45.8	10-134				
4-Chloroaniline	0.371	0.0886	"	0.885	ND	41.9	10-145				
4-Chlorophenyl phenyl ether	0.548	0.0886	"	0.885	ND	61.9	14-130				
4-Nitroaniline	0.523	0.177	"	0.885	ND	59.0	10-147				
4-Nitrophenol	ND	0.177	"	0.885	ND		10-137	Low Bias			
Acenaphthene	0.523	0.0886	"	0.885	ND	59.1	10-146				
Acenaphthylene	0.476	0.0886	"	0.885	ND	53.8	10-134				
Acetophenone	0.515	0.0886	"	0.885	ND	58.2	10-116				
Aniline	0.349	0.355	"	0.885	ND	39.4	10-123				
Anthracene	0.582	0.0886	"	0.885	ND	65.8	10-142				
Atrazine	0.639	0.0886	"	0.885	ND	72.2	19-115				
Benzaldehyde	0.552	0.0886	"	0.885	ND	62.3	10-125				
Benzo(a)anthracene	0.593	0.0886	"	0.885	ND	67.0	10-158				
Benzo(a)pyrene	0.554	0.0886	"	0.885	ND	62.6	10-180				
Benzo(b)fluoranthene	0.605	0.0886	"	0.885	ND	68.3	10-200				
Benzo(g,h,i)perylene	0.585	0.0886	"	0.885	ND	66.1	10-138				
Benzo(k)fluoranthene	0.581	0.0886	"	0.885	ND	65.6	10-197				
Benzoic acid	ND	0.0886	"	0.885	ND		10-166	Low Bias			
Benzyl alcohol	0.484	0.0886	"	0.885	ND	54.6	12-124				
Benzyl butyl phthalate	0.577	0.0886	"	0.885	ND	65.2	10-154				
Bis(2-chloroethoxy)methane	0.522	0.0886	"	0.885	ND	59.0	10-132				
Bis(2-chloroethyl)ether	0.483	0.0886	"	0.885	ND	54.6	10-119				
Bis(2-chloroisopropyl)ether	0.497	0.0886	"	0.885	ND	56.1	10-139				
Bis(2-ethylhexyl)phthalate	0.470	0.0886	"	0.885	ND	53.1	10-167				
Caprolactam	0.569	0.177	"	0.885	ND	64.2	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30467 - EPA 3550C											
Matrix Spike (BA30467-MS1)	*Source sample: 23A0372-02 (23SB-2 (0-2))							Prepared: 01/11/2023 Analyzed: 01/12/2023			
Carbazole	0.611	0.0886	mg/kg dry	0.885	ND	69.0	10-167				
Chrysene	0.555	0.0886	"	0.885	ND	62.7	10-156				
Dibenzo(a,h)anthracene	0.598	0.0886	"	0.885	ND	67.5	10-137				
Dibenzofuran	0.521	0.0886	"	0.885	ND	58.9	10-147				
Diethyl phthalate	0.521	0.0886	"	0.885	ND	58.9	20-120				
Dimethyl phthalate	0.521	0.0886	"	0.885	ND	58.9	18-131				
Di-n-butyl phthalate	0.562	0.0886	"	0.885	ND	63.5	10-137				
Di-n-octyl phthalate	0.599	0.0886	"	0.885	ND	67.7	10-180				
Fluoranthene	0.584	0.0886	"	0.885	ND	65.9	10-160				
Fluorene	0.525	0.0886	"	0.885	ND	59.3	10-157				
Hexachlorobenzene	0.562	0.0886	"	0.885	ND	63.5	10-137				
Hexachlorobutadiene	0.562	0.0886	"	0.885	ND	63.4	10-132				
Hexachlorocyclopentadiene	0.314	0.0886	"	0.885	ND	35.4	10-106				
Hexachloroethane	0.487	0.0886	"	0.885	ND	55.0	10-110				
Indeno(1,2,3-cd)pyrene	0.623	0.0886	"	0.885	ND	70.3	10-144				
Isophorone	0.536	0.0886	"	0.885	ND	60.6	10-132				
Naphthalene	0.547	0.0886	"	0.885	ND	61.8	10-141				
Nitrobenzene	0.547	0.0886	"	0.885	ND	61.8	10-131				
N-Nitrosodimethylamine	0.435	0.0886	"	0.885	ND	49.1	10-126				
N-nitroso-di-n-propylamine	0.486	0.0886	"	0.885	ND	54.9	10-125				
N-Nitrosodiphenylamine	0.643	0.0886	"	0.885	ND	72.6	10-177				
Pentachlorophenol	ND	0.0886	"	0.885	ND		10-153	Low Bias			
Phenanthrene	0.562	0.0886	"	0.885	ND	63.5	10-148				
Phenol	0.296	0.0886	"	0.885	ND	33.4	10-126				
Pyrene	0.587	0.0886	"	0.885	ND	66.2	10-165				
Surrogate: SURR: 2-Fluorophenol	*0.113*		"	*1.77*		*6.40*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.573*		"	*1.77*		*32.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.545*		"	*0.885*		*61.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.516*		"	*0.885*		*58.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00921*		"	*1.77*		*0.520*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.634*		"	*0.885*		*71.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30467 - EPA 3550C											
Matrix Spike Dup (BA30467-MSD1)	*Source sample: 23A0372-02 (23SB-2 (0-2))								Prepared: 01/11/2023 Analyzed: 01/12/2023		
1,1-Biphenyl	0.598	0.0886	mg/kg dry	0.885	ND	67.5	10-130		10.7	30	
1,2,4,5-Tetrachlorobenzene	0.683	0.177	"	0.885	ND	77.1	10-133		12.2	30	
1,2,4-Trichlorobenzene	0.628	0.0886	"	0.885	ND	70.9	10-127		11.8	30	
1,2-Dichlorobenzene	0.557	0.0886	"	0.885	ND	62.9	14-111		10.2	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.565	0.0886	"	0.885	ND	63.8	10-144		7.27	30	
1,3-Dichlorobenzene	0.555	0.0886	"	0.885	ND	62.7	11-111		11.0	30	
1,4-Dichlorobenzene	0.558	0.0886	"	0.885	ND	63.0	10-106		10.1	30	
2,3,4,6-Tetrachlorophenol	ND	0.177	"	0.885	ND		30-130	Low Bias		30	
2,4,5-Trichlorophenol	ND	0.0886	"	0.885	ND		10-127	Low Bias		30	
2,4,6-Trichlorophenol	ND	0.0886	"	0.885	ND		10-132	Low Bias		30	
2,4-Dichlorophenol	ND	0.0886	"	0.885	ND		10-128	Low Bias		30	
2,4-Dimethylphenol	0.590	0.0886	"	0.885	ND	66.6	10-137		6.83	30	
2,4-Dinitrophenol	ND	0.177	"	0.885	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.658	0.0886	"	0.885	ND	74.3	16-135		8.88	30	
2,6-Dinitrotoluene	0.713	0.0886	"	0.885	ND	80.6	18-131		11.0	30	
2-Chloronaphthalene	0.582	0.0886	"	0.885	ND	65.7	10-129		12.0	30	
2-Chlorophenol	0.0921	0.0886	"	0.885	ND	10.4	15-116	Low Bias	5.24	30	
2-Methylnaphthalene	0.616	0.0886	"	0.885	ND	69.5	10-147		11.2	30	
2-Methylphenol	0.504	0.0886	"	0.885	ND	57.0	10-136		6.08	30	
2-Nitroaniline	0.621	0.177	"	0.885	ND	70.1	10-137		12.8	30	
2-Nitrophenol	ND	0.0886	"	0.885	ND		10-129	Low Bias		30	
3- & 4-Methylphenols	0.390	0.0886	"	0.885	ND	44.0	10-123		0.913	30	
3,3-Dichlorobenzidine	0.524	0.0886	"	0.885	ND	59.2	10-155		9.04	30	
3-Nitroaniline	0.546	0.177	"	0.885	ND	61.7	12-133		9.94	30	
4,6-Dinitro-2-methylphenol	ND	0.177	"	0.885	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.596	0.0886	"	0.885	ND	67.3	14-128		7.65	30	
4-Chloro-3-methylphenol	0.349	0.0886	"	0.885	ND	39.4	10-134		14.8	30	
4-Chloroaniline	0.436	0.0886	"	0.885	ND	49.2	10-145		16.0	30	
4-Chlorophenyl phenyl ether	0.621	0.0886	"	0.885	ND	70.2	14-130		12.5	30	
4-Nitroaniline	0.567	0.177	"	0.885	ND	64.0	10-147		8.06	30	
4-Nitrophenol	ND	0.177	"	0.885	ND		10-137	Low Bias		30	
Acenaphthene	0.590	0.0886	"	0.885	ND	66.6	10-146		12.0	30	
Acenaphthylene	0.544	0.0886	"	0.885	ND	61.4	10-134		13.3	30	
Acetophenone	0.562	0.0886	"	0.885	ND	63.5	10-116		8.81	30	
Aniline	0.479	0.355	"	0.885	ND	54.1	10-123		31.5	30	Non-dir.
Anthracene	0.619	0.0886	"	0.885	ND	69.9	10-142		6.13	30	
Atrazine	0.669	0.0886	"	0.885	ND	75.6	19-115		4.66	30	
Benzaldehyde	0.622	0.0886	"	0.885	ND	70.2	10-125		11.9	30	
Benzo(a)anthracene	0.632	0.0886	"	0.885	ND	71.4	10-158		6.36	30	
Benzo(a)pyrene	0.601	0.0886	"	0.885	ND	67.9	10-180		8.22	30	
Benzo(b)fluoranthene	0.630	0.0886	"	0.885	ND	71.2	10-200		4.13	30	
Benzo(g,h,i)perylene	0.628	0.0886	"	0.885	ND	71.0	10-138		7.12	30	
Benzo(k)fluoranthene	0.635	0.0886	"	0.885	ND	71.8	10-197		8.97	30	
Benzoic acid	ND	0.0886	"	0.885	ND		10-166	Low Bias		30	
Benzyl alcohol	0.538	0.0886	"	0.885	ND	60.7	12-124		10.5	30	
Benzyl butyl phthalate	0.595	0.0886	"	0.885	ND	67.2	10-154		3.02	30	
Bis(2-chloroethoxy)methane	0.588	0.0886	"	0.885	ND	66.4	10-132		11.9	30	
Bis(2-chloroethyl)ether	0.560	0.0886	"	0.885	ND	63.3	10-119		14.8	30	
Bis(2-chloroisopropyl)ether	0.557	0.0886	"	0.885	ND	63.0	10-139		11.6	30	
Bis(2-ethylhexyl)phthalate	0.489	0.0886	"	0.885	ND	55.3	10-167		3.99	30	
Caprolactam	0.597	0.177	"	0.885	ND	67.4	10-132		4.86	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30467 - EPA 3550C											
Matrix Spike Dup (BA30467-MSD1)	*Source sample: 23A0372-02 (23SB-2 (0-2))								Prepared: 01/11/2023 Analyzed: 01/12/2023		
Carbazole	0.642	0.0886	mg/kg dry	0.885	ND	72.6	10-167		5.09	30	
Chrysene	0.596	0.0886	"	0.885	ND	67.3	10-156		7.02	30	
Dibenzo(a,h)anthracene	0.625	0.0886	"	0.885	ND	70.6	10-137		4.52	30	
Dibenzofuran	0.589	0.0886	"	0.885	ND	66.6	10-147		12.2	30	
Diethyl phthalate	0.572	0.0886	"	0.885	ND	64.6	20-120		9.20	30	
Dimethyl phthalate	0.576	0.0886	"	0.885	ND	65.0	18-131		9.94	30	
Di-n-butyl phthalate	0.594	0.0886	"	0.885	ND	67.0	10-137		5.39	30	
Di-n-octyl phthalate	0.609	0.0886	"	0.885	ND	68.8	10-180		1.64	30	
Fluoranthene	0.611	0.0886	"	0.885	ND	69.0	10-160		4.62	30	
Fluorene	0.594	0.0886	"	0.885	ND	67.0	10-157		12.3	30	
Hexachlorobenzene	0.603	0.0886	"	0.885	ND	68.1	10-137		6.93	30	
Hexachlorobutadiene	0.628	0.0886	"	0.885	ND	71.0	10-132		11.2	30	
Hexachlorocyclopentadiene	0.370	0.0886	"	0.885	ND	41.8	10-106		16.4	30	
Hexachloroethane	0.565	0.0886	"	0.885	ND	63.8	10-110		14.7	30	
Indeno(1,2,3-cd)pyrene	0.606	0.0886	"	0.885	ND	68.4	10-144		2.77	30	
Isophorone	0.604	0.0886	"	0.885	ND	68.2	10-132		11.9	30	
Naphthalene	0.609	0.0886	"	0.885	ND	68.8	10-141		10.8	30	
Nitrobenzene	0.599	0.0886	"	0.885	ND	67.6	10-131		9.03	30	
N-Nitrosodimethylamine	0.489	0.0886	"	0.885	ND	55.3	10-126		11.8	30	
N-nitroso-di-n-propylamine	0.546	0.0886	"	0.885	ND	61.7	10-125		11.7	30	
N-Nitrosodiphenylamine	0.702	0.0886	"	0.885	ND	79.3	10-177		8.74	30	
Pentachlorophenol	ND	0.0886	"	0.885	ND		10-153	Low Bias		30	
Phenanthrene	0.618	0.0886	"	0.885	ND	69.8	10-148		9.36	30	
Phenol	0.324	0.0886	"	0.885	ND	36.6	10-126		8.91	30	
Pyrene	0.610	0.0886	"	0.885	ND	68.9	10-165		3.91	30	
Surrogate: SURR: 2-Fluorophenol	*0.117*		"	*1.77*		*6.60*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.606*		"	*1.77*		*34.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.605*		"	*0.885*		*68.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.584*		"	*0.885*		*65.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00567*		"	*1.77*		*0.320*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.653*		"	*0.885*		*73.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30470 - EPA 3550C											
Blank (BA30470-BLK1)									Prepared: 01/11/2023 Analyzed: 01/12/2023		
1,4-Dioxane	ND	20.0	ug/kg								
Surrogate: 1,4-Dioxane-d8	*297*		*"*	*500*		*59.4*	*39-127.5*				
LCS (BA30470-BS1)									Prepared: 01/11/2023 Analyzed: 01/12/2023		
1,4-Dioxane	567	20.0	ug/kg	500		113	40-130				
Surrogate: 1,4-Dioxane-d8	*308*		*"*	*500*		*61.6*	*39-127.5*				
Matrix Spike (BA30470-MS1)	*Source sample: 23A0372-02 (23SB-2 (0-2))								Prepared: 01/11/2023 Analyzed: 01/12/2023		
1,4-Dioxane	560	19.6	ug/kg	490	ND	114	40-130				
Surrogate: 1,4-Dioxane-d8	*273*		*"*	*490*		*55.6*	*40-130*				
Matrix Spike Dup (BA30470-MSD1)	*Source sample: 23A0372-02 (23SB-2 (0-2))								Prepared: 01/11/2023 Analyzed: 01/12/2023		
1,4-Dioxane	540	19.6	ug/kg	490	ND	110	40-130		3.57	30	
Surrogate: 1,4-Dioxane-d8	*302*		*"*	*490*		*61.5*	*40-130*				
Batch BA30472 - EPA 3535A											
Blank (BA30472-BLK1)									Prepared: 01/11/2023 Analyzed: 01/12/2023		
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.36*		*"*	*4.00*		*84.1*	*36.6-118*				
LCS (BA30472-BS1)									Prepared: 01/11/2023 Analyzed: 01/12/2023		
1,4-Dioxane	4.22	0.300	ug/L	4.00		106	50-130				
Surrogate: 1,4-Dioxane-d8	*3.03*		*"*	*4.00*		*75.7*	*36.6-118*				
Matrix Spike (BA30472-MS1)	*Source sample: 23A0352-01 (Matrix Spike)								Prepared: 01/11/2023 Analyzed: 01/12/2023		
1,4-Dioxane	4.96	0.300	ug/L	4.00	0.944	100	50-130				
Surrogate: 1,4-Dioxane-d8	*2.66*		*"*	*4.00*		*66.6*	*50-130*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30472 - EPA 3535A											
Matrix Spike Dup (BA30472-MSD1)	*Source sample: 23A0352-01 (Matrix Spike Dup)								Prepared: 01/11/2023 Analyzed: 01/12/2023		
1,4-Dioxane	5.06	0.300	ug/L	4.00	0.944	103	50-130		1.92	30	
Surrogate: 1,4-Dioxane-d8	*2.76*		*"*	*4.00*		*69.0*	*50-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
Blank (BA30361-BLK1)											Prepared: 01/10/2023 Analyzed: 01/16/2023
Perfluorobutanesulfonic acid (PFBS)	ND	0.199	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.199	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.199	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.199	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.795	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.795	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.398	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.199	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.795	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.795	"								
9CL-PF3ONS	ND	0.795	"								
ADONA	ND	0.795	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.199	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.199	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.994	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.97	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.00*		"	*2.32*		*86.4*	*25-150*				
Surrogate: M5PFHxA	*2.49*		"	*2.49*		*100*	*25-150*				
Surrogate: M4PFHpA	*2.43*		"	*2.49*		*97.6*	*25-150*				
Surrogate: M3PFHxS	*2.28*		"	*2.36*		*96.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.15*		"	*2.49*		*86.4*	*25-150*				
Surrogate: M6PFDA	*1.19*		"	*1.24*		*95.4*	*25-150*				
Surrogate: M7PFUdA	*1.11*		"	*1.24*		*89.0*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
Blank (BA30361-BLK1)											Prepared: 01/10/2023 Analyzed: 01/16/2023
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.926*		*ug/kg wet*	*1.24*		*74.6*	*25-150*				
Surrogate: M2PFTeDA	*0.735*		*"*	*1.24*		*59.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.5*		*"*	*9.94*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.23*		*"*	*2.38*		*93.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.33*		*"*	*4.97*		*107*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.466*		*"*	*2.49*		*18.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.45*		*"*	*4.97*		*69.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.33*		*"*	*4.97*		*67.0*	*25-150*				
Surrogate: M2-6:2 FTS	*3.71*		*"*	*4.73*		*78.4*	*25-200*				
Surrogate: M2-8:2 FTS	*3.06*		*"*	*4.77*		*64.2*	*25-200*				
Surrogate: M9PFNA	*1.44*		*"*	*1.24*		*116*	*25-150*				
Surrogate: M2-4:2 FTS	*3.07*		*"*	*4.66*		*65.8*	*25-150*				
Surrogate: d-N-MeFOSA	*0.546*		*"*	*2.49*		*22.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.60*		*"*	*2.49*		*64.2*	*25-150*				
Surrogate: M3HFPO-DA	*9.18*		*"*	*9.94*		*92.4*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.58*		*"*	*24.9*		*22.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.86*		*"*	*24.9*		*23.6*	*25-150*				
LCS (BA30361-BS1)											Prepared: 01/10/2023 Analyzed: 01/16/2023
Perfluorobutanesulfonic acid (PFBS)	3.23	0.200	ug/kg wet	3.53		91.3	50-150				
Perfluorohexanoic acid (PFHxA)	3.65	0.200	"	3.99		91.3	50-150				
Perfluoroheptanoic acid (PFHpA)	3.78	0.200	"	3.99		94.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.50	0.200	"	3.65		123	50-150				
Perfluorooctanoic acid (PFOA)	3.44	0.200	"	3.99		86.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.20	0.200	"	3.71		86.2	50-150				
Perfluorononanoic acid (PFNA)	3.11	0.200	"	3.99		78.0	50-150				
Perfluorodecanoic acid (PFDA)	3.77	0.200	"	3.99		94.5	50-150				
Perfluoroundecanoic acid (PFUnA)	3.48	0.200	"	3.99		87.1	50-150				
Perfluorododecanoic acid (PFDoA)	3.90	0.200	"	3.99		97.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.23	0.200	"	3.99		106	50-150				
Perfluorotetradecanoic acid (PFTA)	3.40	0.200	"	3.99		85.2	50-150				
N-MeFOSAA	3.39	0.200	"	3.99		85.0	50-150				
N-EtFOSAA	3.77	0.200	"	3.99		94.4	50-150				
Perfluoropentanoic acid (PFPeA)	7.19	0.399	"	7.98		90.1	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.82	0.200	"	3.99		95.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.82	0.200	"	3.81		100	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.22	0.200	"	3.85		83.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	13.8	0.798	"	15.2		90.9	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	14.5	0.798	"	15.3		94.9	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.1	0.798	"	16.0		88.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.95	0.399	"	7.11		97.8	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.58	0.399	"	7.98		69.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.23	0.399	"	7.98		103	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.39	0.399	"	7.98		92.6	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.44	0.200	"	3.75		91.6	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
LCS (BA30361-BS1)								Prepared: 01/10/2023 Analyzed: 01/16/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	13.2	0.798	ug/kg wet	15.0		88.0	50-150				
HFPO-DA (Gen-X)	7.21	0.798	"	7.98		90.3	50-150				
11CL-PF3OUdS	5.97	0.798	"	7.54		79.1	50-150				
9CL-PF3ONS	6.99	0.798	"	7.47		93.6	50-150				
ADONA	7.90	0.798	"	7.54		105	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.59	0.200	"	3.87		66.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.90	0.200	"	3.83		102	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	5.10	0.998	"	16.0		31.9	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	39.3	4.99	"	79.8		49.2	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	40.6	4.99	"	79.8		50.8	50-150				
N-MeFOSE	33.4	2.00	"	39.9		83.8	50-150				
N-MeFOSA	4.64	0.200	"	3.99		116	50-150				
N-EtFOSE	35.8	2.00	"	39.9		89.7	50-150				
N-EtFOSA	2.87	0.200	"	3.99		71.9	50-150				
Surrogate: M3PFBS	*2.26*		"	*2.33*		*97.0*	*25-150*				
Surrogate: M5PFHxA	*2.57*		"	*2.50*		*103*	*25-150*				
Surrogate: M4PFHpA	*2.19*		"	*2.50*		*87.8*	*25-150*				
Surrogate: M3PFHxS	*2.33*		"	*2.37*		*98.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.40*		"	*2.50*		*96.2*	*25-150*				
Surrogate: M6PFDA	*1.02*		"	*1.25*		*81.7*	*25-150*				
Surrogate: M7PFUdA	*0.992*		"	*1.25*		*79.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.835*		"	*1.25*		*66.9*	*25-150*				
Surrogate: M2PFTeDA	*0.625*		"	*1.25*		*50.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.1*		"	*9.98*		*111*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.24*		"	*2.39*		*93.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.50*		"	*4.99*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.528*		"	*2.50*		*21.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.64*		"	*4.99*		*73.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.55*		"	*4.99*		*71.2*	*25-150*				
Surrogate: M2-6:2 FTS	*4.42*		"	*4.75*		*93.1*	*25-200*				
Surrogate: M2-8:2 FTS	*3.74*		"	*4.79*		*78.1*	*25-200*				
Surrogate: M9PFNA	*1.35*		"	*1.25*		*108*	*25-150*				
Surrogate: M2-4:2 FTS	*3.68*		"	*4.68*		*78.6*	*25-150*				
Surrogate: d-N-MeFOSA	*0.473*		"	*2.50*		*18.9*	*25-150*				
Surrogate: d-N-EtFOSA	*1.41*		"	*2.50*		*56.6*	*25-150*				
Surrogate: M3HFPO-DA	*9.97*		"	*9.98*		*99.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.02*		"	*25.0*		*20.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.82*		"	*25.0*		*23.3*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
LCS (BA30361-BS2)								Prepared: 01/10/2023 Analyzed: 01/16/2023			
Perfluorobutanesulfonic acid (PFBS)	0.298	0.199	ug/kg wet	0.353		84.5	50-150				
Perfluorohexanoic acid (PFHxA)	0.335	0.199	"	0.398		84.2	50-150				
Perfluoroheptanoic acid (PFHpA)	0.351	0.199	"	0.398		88.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.409	0.199	"	0.365		112	50-150				
Perfluorooctanoic acid (PFOA)	0.381	0.199	"	0.398		95.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.363	0.199	"	0.371		98.0	50-150				
Perfluorononanoic acid (PFNA)	0.322	0.199	"	0.398		80.9	50-150				
Perfluorodecanoic acid (PFDA)	0.317	0.199	"	0.398		79.6	50-150				
Perfluoroundecanoic acid (PFUnA)	0.344	0.199	"	0.398		86.4	50-150				
Perfluorododecanoic acid (PFDoA)	0.362	0.199	"	0.398		90.9	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.305	0.199	"	0.398		76.6	50-150				
Perfluorotetradecanoic acid (PFTA)	0.349	0.199	"	0.398		87.7	50-150				
N-MeFOSAA	0.349	0.199	"	0.398		87.6	50-150				
N-EtFOSAA	0.368	0.199	"	0.398		92.4	50-150				
Perfluoropentanoic acid (PFPeA)	0.677	0.398	"	0.797		85.0	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.383	0.199	"	0.398		96.1	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.377	0.199	"	0.380		99.1	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.239	0.199	"	0.384		62.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.25	0.797	"	1.51		82.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.37	0.797	"	1.53		89.6	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.31	0.797	"	1.59		82.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.704	0.398	"	0.709		99.2	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.702	0.398	"	0.797		88.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.775	0.398	"	0.797		97.3	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.708	0.398	"	0.797		88.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.312	0.199	"	0.375		83.4	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.43	0.797	"	1.49		95.4	50-150				
HFPO-DA (Gen-X)	0.696	0.797	"	0.797		87.4	50-150				
11CL-PF3OUdS	0.653	0.797	"	0.753		86.7	50-150				
9CL-PF3ONS	0.765	0.797	"	0.745		103	50-150				
ADONA	0.822	0.797	"	0.753		109	50-150				
Perfluorododecanesulfonic acid (PFDoS)	ND	0.199	"	0.386			50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.381	0.199	"	0.382		99.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.996	"	1.59			50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	2.97	4.98	"	7.97		37.3	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	3.43	4.98	"	7.97		43.1	50-150	Low Bias			
N-MeFOSE	3.50	1.99	"	3.98		87.8	50-150				
N-MeFOSA	0.551	0.199	"	0.398		138	50-150				
N-EtFOSE	3.51	1.99	"	3.98		88.1	50-150				
N-EtFOSA	ND	0.199	"	0.398			50-150	Low Bias			
Surrogate: M3PFBS	*2.38*		"	*2.32*		*102*	*25-150*				
Surrogate: M5PFHxA	*2.73*		"	*2.49*		*110*	*25-150*				
Surrogate: M4PFHpA	*2.42*		"	*2.49*		*97.0*	*25-150*				
Surrogate: M3PFHxS	*2.47*		"	*2.36*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.27*		"	*2.49*		*91.2*	*25-150*				
Surrogate: M6PFDA	*1.20*		"	*1.25*		*96.6*	*25-150*				
Surrogate: M7PFUdA	*1.08*		"	*1.25*		*86.6*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
LCS (BA30361-BS2)									Prepared: 01/10/2023 Analyzed: 01/16/2023		
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.854*		*ug/kg wet*	*1.25*		*68.6*	*25-150*				
Surrogate: M2PFTeDA	*0.680*		*"*	*1.25*		*54.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.4*		*"*	*9.96*		*114*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.54*		*"*	*2.39*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.94*		*"*	*4.98*		*119*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.481*		*"*	*2.49*		*19.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.06*		*"*	*4.98*		*81.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.27*		*"*	*4.98*		*85.8*	*25-150*				
Surrogate: M2-6:2 FTS	*4.17*		*"*	*4.74*		*88.0*	*25-200*				
Surrogate: M2-8:2 FTS	*3.72*		*"*	*4.78*		*77.7*	*25-200*				
Surrogate: M9PFNA	*1.26*		*"*	*1.25*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*3.08*		*"*	*4.67*		*65.9*	*25-150*				
Surrogate: d-N-MeFOSA	*0.400*		*"*	*2.49*		*16.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.32*		*"*	*2.49*		*53.0*	*25-150*				
Surrogate: M3HFPO-DA	*9.82*		*"*	*9.96*		*98.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.56*		*"*	*24.9*		*22.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.37*		*"*	*24.9*		*21.6*	*25-150*				
Duplicate (BA30361-DUP1)	*Source sample: 23A0372-02 (23SB-2 (0-2))								Prepared: 01/10/2023 Analyzed: 01/16/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.212	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.212	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.212	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.212	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.212	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	0.180	0.212	"		0.185				2.99	30	
Perfluorononanoic acid (PFNA)	ND	0.212	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.212	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.212	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.212	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.212	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.212	"		ND					30	
N-MeFOSAA	ND	0.212	"		ND					30	
N-EtFOSAA	ND	0.212	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.424	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.212	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.212	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.212	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.849	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.849	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.849	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.424	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.424	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.424	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.424	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.212	"		ND					30	

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
Duplicate (BA30361-DUP1)	*Source sample: 23A0372-02 (23SB-2 (0-2))								Prepared: 01/10/2023 Analyzed: 01/16/2023		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.849	ug/kg dry		ND					30	
HFPO-DA (Gen-X)	ND	0.849	"		ND					30	
11CL-PF3OUdS	ND	0.849	"		ND					30	
9CL-PF3ONS	ND	0.849	"		ND					30	
ADONA	ND	0.849	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	0.212	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.212	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.06	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.31	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.31	"		ND					30	
N-MeFOSE	ND	2.12	"		ND					30	
N-MeFOSA	ND	0.212	"		ND					30	
N-EtFOSE	ND	2.12	"		ND					30	
N-EtFOSA	ND	0.212	"		ND					30	
Surrogate: M3PFBS	*2.39*		"	*2.47*		*96.8*	*25-150*				
Surrogate: M5PFHxA	*2.27*		"	*2.65*		*85.6*	*25-150*				
Surrogate: M4PFHpA	*2.17*		"	*2.65*		*81.7*	*25-150*				
Surrogate: M3PFHxS	*2.75*		"	*2.51*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.14*		"	*2.65*		*80.6*	*25-150*				
Surrogate: M6PFDA	*0.903*		"	*1.33*		*68.1*	*25-150*				
Surrogate: M7PFUdA	*0.658*		"	*1.33*		*49.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.500*		"	*1.33*		*37.7*	*25-150*				
Surrogate: M2PFTeDA	*0.284*		"	*1.33*		*21.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.29*		"	*10.6*		*87.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.52*		"	*2.54*		*99.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.78*		"	*5.31*		*90.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.205*		"	*2.65*		*7.73*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.29*		"	*5.31*		*24.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*1.33*		"	*5.31*		*25.2*	*25-150*				
Surrogate: M2-6:2 FTS	*2.82*		"	*5.05*		*55.8*	*25-200*				
Surrogate: M2-8:2 FTS	*2.15*		"	*5.09*		*42.3*	*25-200*				
Surrogate: M9PFNA	*1.14*		"	*1.33*		*86.1*	*25-150*				
Surrogate: M2-4:2 FTS	*2.32*		"	*4.98*		*46.6*	*25-150*				
Surrogate: d-N-MeFOSA	*0.299*		"	*2.65*		*11.3*	*25-150*				
Surrogate: d-N-EtFOSA	*1.56*		"	*2.65*		*58.9*	*25-150*				
Surrogate: M3HFPO-DA	*9.83*		"	*10.6*		*92.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*4.92*		"	*26.5*		*18.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.07*		"	*26.5*		*19.1*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
Blank (BA30396-BLK1)											Prepared: 01/10/2023 Analyzed: 01/13/2023
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	4.00	"								
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	8.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	8.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	4.00	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	8.00	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	8.00	"								
9CL-PF3ONS	ND	8.00	"								
ADONA	ND	8.00	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	2.00	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	2.00	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	0.975	0.200	"								
Surrogate: M3PFBS	*37.3*		"	*46.6*		*80.1*	*25-150*				
Surrogate: M5PFHxA	*39.4*		"	*50.0*		*78.8*	*25-150*				
Surrogate: M4PFHpA	*34.5*		"	*50.0*		*69.0*	*25-150*				
Surrogate: M3PFHxS	*49.2*		"	*47.4*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*33.4*		"	*50.0*		*66.8*	*25-150*				
Surrogate: M6PFDA	*21.0*		"	*25.0*		*84.2*	*25-150*				
Surrogate: M7PFUdA	*19.1*		"	*25.0*		*76.6*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
Blank (BA30396-BLK1)											
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*15.9*		*ng/L*	*25.0*		*63.8*	*25-150*				
Surrogate: M2PFTeDA	*14.6*		*"*	*25.0*		*58.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*167*		*"*	*200*		*83.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*51.2*		*"*	*47.9*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*78.8*		*"*	*100*		*78.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*5.65*		*"*	*50.0*		*11.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*83.2*		*"*	*100*		*83.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*88.2*		*"*	*100*		*88.2*	*25-150*				
Surrogate: M2-6:2 FTS	*69.8*		*"*	*95.1*		*73.4*	*25-200*				
Surrogate: M2-8:2 FTS	*65.1*		*"*	*96.0*		*67.8*	*25-200*				
Surrogate: M9PFNA	*21.2*		*"*	*25.0*		*84.9*	*25-150*				
Surrogate: M2-4:2 FTS	*64.2*		*"*	*93.8*		*68.4*	*25-150*				
Surrogate: d-N-MeFOSA	*11.5*		*"*	*50.0*		*23.1*	*25-150*				
Surrogate: d-N-EtFOSA	*34.3*		*"*	*50.0*		*68.6*	*25-150*				
Surrogate: M3HFPO-DA	*141*		*"*	*200*		*70.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*121*		*"*	*500*		*24.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*113*		*"*	*500*		*22.7*	*25-150*				
LCS (BA30396-BS1)											
Perfluorobutanesulfonic acid (PFBS)	66.6	2.00	ng/L	70.8		94.0	50-150				
Perfluorohexanoic acid (PFHxA)	74.8	2.00	"	80.0		93.5	50-150				
Perfluoroheptanoic acid (PFHpA)	82.3	2.00	"	80.0		103	50-150				
Perfluorohexanesulfonic acid (PFHxS)	82.6	2.00	"	73.2		113	50-150				
Perfluorooctanoic acid (PFOA)	69.9	2.00	"	80.0		87.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	69.2	2.00	"	74.4		93.1	50-150				
Perfluorononanoic acid (PFNA)	66.9	2.00	"	80.0		83.6	50-150				
Perfluorodecanoic acid (PFDA)	72.3	2.00	"	80.0		90.4	50-150				
Perfluoroundecanoic acid (PFUnA)	73.3	2.00	"	80.0		91.6	50-150				
Perfluorododecanoic acid (PFDoA)	77.6	2.00	"	80.0		97.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	91.7	2.00	"	80.0		115	50-150				
Perfluorotetradecanoic acid (PFTA)	73.2	2.00	"	80.0		91.6	50-150				
N-MeFOSAA	73.9	2.00	"	80.0		92.3	50-150				
N-EtFOSAA	71.6	2.00	"	80.0		89.6	50-150				
Perfluoropentanoic acid (PFPeA)	148	4.00	"	160		92.3	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	75.1	2.00	"	80.0		93.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	73.9	2.00	"	76.4		96.8	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	68.3	2.00	"	77.2		88.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	293	8.00	"	304		96.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	279	8.00	"	307		90.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	288	8.00	"	320		90.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	148	4.00	"	142		104	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	108	4.00	"	160		67.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	156	4.00	"	160		97.7	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	152	4.00	"	160		94.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	63.8	2.00	"	75.2		84.8	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
LCS (BA30396-BS1)								Prepared: 01/10/2023 Analyzed: 01/13/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	269	8.00	ng/L	300		89.8	50-150				
HFPO-DA (Gen-X)	155	8.00	"	160		96.6	50-150				
11CL-PF3OUdS	185	8.00	"	151		122	50-150				
9CL-PF3ONS	206	8.00	"	150		138	50-150				
ADONA	180	8.00	"	151		119	50-150				
Perfluorododecanesulfonic acid (PFDoS)	63.0	2.00	"	77.6		81.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	79.6	2.00	"	76.8		104	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	200	5.00	"	320		62.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	1330	25.0	"	1600		83.3	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	1430	25.0	"	1600		89.6	50-150				
N-MeFOSE	717	20.0	"	800		89.7	50-150				
N-MeFOSA	101	2.00	"	80.0		127	50-150				
N-EtFOSE	793	20.0	"	800		99.2	50-150				
N-EtFOSA	48.0	0.200	"	80.0		60.0	50-150				
Surrogate: M3PFBS	*38.7*		"	*46.6*		*83.0*	*25-150*				
Surrogate: M5PFHxA	*43.1*		"	*50.0*		*86.2*	*25-150*				
Surrogate: M4PFHpA	*38.2*		"	*50.0*		*76.3*	*25-150*				
Surrogate: M3PFHxS	*48.4*		"	*47.4*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*42.5*		"	*50.0*		*85.0*	*25-150*				
Surrogate: M6PFDA	*20.8*		"	*25.0*		*83.2*	*25-150*				
Surrogate: M7PFUdA	*19.5*		"	*25.0*		*78.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*17.1*		"	*25.0*		*68.4*	*25-150*				
Surrogate: M2PFTeDA	*14.4*		"	*25.0*		*57.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*187*		"	*200*		*93.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*44.6*		"	*47.9*		*93.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*86.4*		"	*100*		*86.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.69*		"	*50.0*		*13.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*72.7*		"	*100*		*72.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*71.1*		"	*100*		*71.1*	*25-150*				
Surrogate: M2-6:2 FTS	*76.8*		"	*95.1*		*80.7*	*25-200*				
Surrogate: M2-8:2 FTS	*77.2*		"	*96.0*		*80.5*	*25-200*				
Surrogate: M9PFNA	*23.4*		"	*25.0*		*93.4*	*25-150*				
Surrogate: M2-4:2 FTS	*70.5*		"	*93.8*		*75.2*	*25-150*				
Surrogate: d-N-MeFOSA	*9.49*		"	*50.0*		*19.0*	*25-150*				
Surrogate: d-N-EtFOSA	*30.6*		"	*50.0*		*61.2*	*25-150*				
Surrogate: M3HFPO-DA	*140*		"	*200*		*70.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*112*		"	*500*		*22.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*120*		"	*500*		*23.9*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
LCS (BA30396-BS2)								Prepared: 01/10/2023 Analyzed: 01/13/2023			
Perfluorobutanesulfonic acid (PFBS)	7.09	2.00	ng/L	7.08		100	50-150				
Perfluorohexanoic acid (PFHxA)	7.52	2.00	"	8.00		94.0	50-150				
Perfluoroheptanoic acid (PFHpA)	7.43	2.00	"	8.00		92.9	50-150				
Perfluorohexanesulfonic acid (PFHxS)	9.07	2.00	"	7.32		124	50-150				
Perfluorooctanoic acid (PFOA)	7.71	2.00	"	8.00		96.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	6.93	2.00	"	7.44		93.2	50-150				
Perfluorononanoic acid (PFNA)	6.32	2.00	"	8.00		79.0	50-150				
Perfluorodecanoic acid (PFDA)	7.51	2.00	"	8.00		93.9	50-150				
Perfluoroundecanoic acid (PFUnA)	6.76	2.00	"	8.00		84.5	50-150				
Perfluorododecanoic acid (PFDoA)	7.17	2.00	"	8.00		89.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	7.77	2.00	"	8.00		97.1	50-150				
Perfluorotetradecanoic acid (PFTA)	7.77	2.00	"	8.00		97.1	50-150				
N-MeFOSAA	7.70	2.00	"	8.00		96.3	50-150				
N-EtFOSAA	7.81	2.00	"	8.00		97.6	50-150				
Perfluoropentanoic acid (PFPeA)	14.5	4.00	"	16.0		90.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	7.11	2.00	"	8.00		88.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	7.81	2.00	"	7.64		102	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	7.88	2.00	"	7.72		102	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	28.8	8.00	"	30.4		94.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	32.0	8.00	"	30.7		104	50-150				
Perfluoro-n-butanoic acid (PFBA)	27.8	8.00	"	32.0		86.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	15.4	4.00	"	14.2		108	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.53	4.00	"	16.0		53.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	15.8	4.00	"	16.0		98.6	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	14.6	4.00	"	16.0		91.4	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	6.52	2.00	"	7.52		86.7	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	29.2	8.00	"	30.0		97.5	50-150				
HFPO-DA (Gen-X)	12.7	8.00	"	16.0		79.5	50-150				
11CL-PF3OUdS	17.3	8.00	"	15.1		114	50-150				
9CL-PF3ONS	18.9	8.00	"	15.0		126	50-150				
ADONA	16.4	8.00	"	15.1		108	50-150				
Perfluorododecanesulfonic acid (PFDoS)	6.24	2.00	"	7.76		80.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	8.88	2.00	"	7.68		116	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	7.10	5.00	"	32.0		22.2	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	51.0	25.0	"	160		31.9	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	63.3	25.0	"	160		39.5	50-150	Low Bias			
N-MeFOSE	67.0	20.0	"	80.0		83.7	50-150				
N-MeFOSA	8.68	2.00	"	8.00		109	50-150				
N-EtFOSE	71.6	20.0	"	80.0		89.4	50-150				
N-EtFOSA	5.88	0.200	"	8.00		73.6	50-150				
Surrogate: M3PFBS	*33.7*		*"*	*46.6*		*72.4*	*25-150*				
Surrogate: M5PFHxA	*39.6*		*"*	*50.0*		*79.2*	*25-150*				
Surrogate: M4PFHpA	*36.5*		*"*	*50.0*		*73.1*	*25-150*				
Surrogate: M3PFHxS	*39.9*		*"*	*47.4*		*84.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*34.8*		*"*	*50.0*		*69.6*	*25-150*				
Surrogate: M6PFDA	*19.6*		*"*	*25.0*		*78.3*	*25-150*				
Surrogate: M7PFUdA	*21.4*		*"*	*25.0*		*85.4*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
LCS (BA30396-BS2)								Prepared: 01/10/2023 Analyzed: 01/13/2023			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*17.6*		*ng/L*	*25.0*		*70.4*	*25-150*				
Surrogate: M2PFTeDA	*15.0*		*"*	*25.0*		*59.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*165*		*"*	*200*		*82.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*42.1*		*"*	*47.9*		*88.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*80.0*		*"*	*100*		*80.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.36*		*"*	*50.0*		*12.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*74.5*		*"*	*100*		*74.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*72.1*		*"*	*100*		*72.1*	*25-150*				
Surrogate: M2-6:2 FTS	*65.4*		*"*	*95.1*		*68.8*	*25-200*				
Surrogate: M2-8:2 FTS	*61.9*		*"*	*96.0*		*64.5*	*25-200*				
Surrogate: M9PFNA	*22.0*		*"*	*25.0*		*87.9*	*25-150*				
Surrogate: M2-4:2 FTS	*57.6*		*"*	*93.8*		*61.4*	*25-150*				
Surrogate: d-N-MeFOSA	*9.50*		*"*	*50.0*		*19.0*	*25-150*				
Surrogate: d-N-EtFOSA	*26.1*		*"*	*50.0*		*52.2*	*25-150*				
Surrogate: M3HFPO-DA	*144*		*"*	*200*		*72.1*	*25-150*				
Surrogate: d9-N-EtFOSE	*148*		*"*	*500*		*29.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*124*		*"*	*500*		*24.8*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30305 - EPA SW846-3510C Low Level											
Blank (BA30305-BLK1)									Prepared: 01/09/2023 Analyzed: 01/13/2023		
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	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.144*		*"*	*0.200*		*72.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.121*		*"*	*0.200*		*60.4*	*30-150*				
LCS (BA30305-BS1)									Prepared: 01/09/2023 Analyzed: 01/13/2023		
4,4'-DDD	0.0887	0.00400	ug/L	0.100		88.7	40-140			20	
4,4'-DDE	0.0855	0.00400	"	0.100		85.5	40-140			20	
4,4'-DDT	0.105	0.00400	"	0.100		105	40-140			20	
Aldrin	0.0660	0.00400	"	0.100		66.0	40-140			20	
alpha-BHC	0.0722	0.00400	"	0.100		72.2	40-140			20	
alpha-Chlordane	0.0855	0.00400	"	0.100		85.5	40-140			20	
beta-BHC	0.0957	0.00400	"	0.100		95.7	40-140			20	
delta-BHC	0.0822	0.00400	"	0.100		82.2	40-140			20	
Dieldrin	0.0949	0.00200	"	0.100		94.9	40-140			20	
Endosulfan I	0.0916	0.00400	"	0.100		91.6	40-140			20	
Endosulfan II	0.0943	0.00400	"	0.100		94.3	40-140			20	
Endosulfan sulfate	0.0908	0.00400	"	0.100		90.8	40-140			20	
Endrin	0.0973	0.00400	"	0.100		97.3	40-140			20	
Endrin aldehyde	0.112	0.0100	"	0.100		112	40-140			20	
Endrin ketone	0.0954	0.0100	"	0.100		95.4	40-140			20	
gamma-BHC (Lindane)	0.0798	0.00400	"	0.100		79.8	40-140			20	
gamma-Chlordane	0.0831	0.0100	"	0.100		83.1	40-140			20	
Heptachlor	0.0765	0.00400	"	0.100		76.5	40-140			20	
Heptachlor epoxide	0.0939	0.00400	"	0.100		93.9	40-140			20	
Methoxychlor	0.108	0.00400	"	0.100		108	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0984*		*"*	*0.200*		*49.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.115*		*"*	*0.200*		*57.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30305 - EPA SW846-3510C Low Level											
LCS Dup (BA30305-BSD1)								Prepared: 01/09/2023 Analyzed: 01/13/2023			
4,4'-DDD	0.104	0.00400	ug/L	0.100		104	40-140		16.4	20	
4,4'-DDE	0.0985	0.00400	"	0.100		98.5	40-140		14.1	20	
4,4'-DDT	0.113	0.00400	"	0.100		113	40-140		7.20	20	
Aldrin	0.0765	0.00400	"	0.100		76.5	40-140		14.7	20	
alpha-BHC	0.0819	0.00400	"	0.100		81.9	40-140		12.5	20	
alpha-Chlordane	0.0977	0.00400	"	0.100		97.7	40-140		13.4	20	
beta-BHC	0.110	0.00400	"	0.100		110	40-140		14.1	20	
delta-BHC	0.0947	0.00400	"	0.100		94.7	40-140		14.1	20	
Dieldrin	0.111	0.00200	"	0.100		111	40-140		15.8	20	
Endosulfan I	0.105	0.00400	"	0.100		105	40-140		13.7	20	
Endosulfan II	0.110	0.00400	"	0.100		110	40-140		15.4	20	
Endosulfan sulfate	0.111	0.00400	"	0.100		111	40-140		19.8	20	
Endrin	0.114	0.00400	"	0.100		114	40-140		16.1	20	
Endrin aldehyde	0.124	0.0100	"	0.100		124	40-140		9.80	20	
Endrin ketone	0.112	0.0100	"	0.100		112	40-140		15.8	20	
gamma-BHC (Lindane)	0.0917	0.00400	"	0.100		91.7	40-140		13.8	20	
gamma-Chlordane	0.0952	0.0100	"	0.100		95.2	40-140		13.6	20	
Heptachlor	0.0870	0.00400	"	0.100		87.0	40-140		12.9	20	
Heptachlor epoxide	0.107	0.00400	"	0.100		107	40-140		13.5	20	
Methoxychlor	0.126	0.00400	"	0.100		126	40-140		15.5	20	
Surrogate: Decachlorobiphenyl	*0.107*		*"*	*0.200*		*53.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.113*		*"*	*0.200*		*56.3*	*30-150*				
Batch BA30379 - EPA 3550C											
Blank (BA30379-BLK1)								Prepared & Analyzed: 01/10/2023			
4,4'-DDD	ND	0.00165	mg/kg wet								
4,4'-DDE	ND	0.00165	"								
4,4'-DDT	ND	0.00165	"								
Aldrin	ND	0.00165	"								
alpha-BHC	ND	0.00165	"								
alpha-Chlordane	ND	0.00165	"								
beta-BHC	ND	0.00165	"								
delta-BHC	ND	0.00165	"								
Dieldrin	ND	0.00165	"								
Endosulfan I	ND	0.00165	"								
Endosulfan II	ND	0.00165	"								
Endosulfan sulfate	ND	0.00165	"								
Endrin	ND	0.00165	"								
Endrin aldehyde	ND	0.00165	"								
Endrin ketone	ND	0.00165	"								
gamma-BHC (Lindane)	ND	0.00165	"								
gamma-Chlordane	ND	0.00165	"								
Heptachlor	ND	0.00165	"								
Heptachlor epoxide	ND	0.00165	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.165	"								
Chlordane, total	ND	0.0330	"								
Surrogate: Decachlorobiphenyl	*0.0711*		*"*	*0.0667*		*107*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0705*		*"*	*0.0667*		*106*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30379 - EPA 3550C											
LCS (BA30379-BS1)								Prepared & Analyzed: 01/10/2023			
4,4'-DDD	0.0317	0.00165	mg/kg wet	0.0333		95.2	40-140				
4,4'-DDE	0.0315	0.00165	"	0.0333		94.5	40-140				
4,4'-DDT	0.0266	0.00165	"	0.0333		79.9	40-140				
Aldrin	0.0328	0.00165	"	0.0333		98.5	40-140				
alpha-BHC	0.0311	0.00165	"	0.0333		93.3	40-140				
alpha-Chlordane	0.0335	0.00165	"	0.0333		100	40-140				
beta-BHC	0.0331	0.00165	"	0.0333		99.4	40-140				
delta-BHC	0.0302	0.00165	"	0.0333		90.7	40-140				
Dieldrin	0.0323	0.00165	"	0.0333		96.8	40-140				
Endosulfan I	0.0335	0.00165	"	0.0333		100	40-140				
Endosulfan II	0.0321	0.00165	"	0.0333		96.3	40-140				
Endosulfan sulfate	0.0314	0.00165	"	0.0333		94.1	40-140				
Endrin	0.0312	0.00165	"	0.0333		93.8	40-140				
Endrin aldehyde	0.0298	0.00165	"	0.0333		89.4	40-140				
Endrin ketone	0.0317	0.00165	"	0.0333		95.1	40-140				
gamma-BHC (Lindane)	0.0327	0.00165	"	0.0333		98.1	40-140				
gamma-Chlordane	0.0326	0.00165	"	0.0333		97.9	40-140				
Heptachlor	0.0316	0.00165	"	0.0333		94.7	40-140				
Heptachlor epoxide	0.0329	0.00165	"	0.0333		98.7	40-140				
Methoxychlor	0.0260	0.00165	"	0.0333		77.9	40-140				
Surrogate: Decachlorobiphenyl	*0.0771*		*"*	*0.0667*		*116*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0779*		*"*	*0.0667*		*117*	*30-150*				
Matrix Spike (BA30379-MS1)	*Source sample: 23A0372-02 (23SB-2 (0-2))							Prepared: 01/10/2023 Analyzed: 01/11/2023			
4,4'-DDD	0.0365	0.00176	mg/kg dry	0.0355	ND	103	30-150				
4,4'-DDE	0.0368	0.00176	"	0.0355	ND	104	30-150				
4,4'-DDT	0.0374	0.00176	"	0.0355	ND	105	30-150				
Aldrin	0.0376	0.00176	"	0.0355	ND	106	30-150				
alpha-BHC	0.0376	0.00176	"	0.0355	ND	106	30-150				
alpha-Chlordane	0.0349	0.00176	"	0.0355	ND	98.1	30-150				
beta-BHC	0.0350	0.00176	"	0.0355	ND	98.5	30-150				
delta-BHC	0.0324	0.00176	"	0.0355	ND	91.2	30-150				
Dieldrin	0.0384	0.00176	"	0.0355	ND	108	30-150				
Endosulfan I	0.0365	0.00176	"	0.0355	ND	103	30-150				
Endosulfan II	0.0316	0.00176	"	0.0355	ND	88.9	30-150				
Endosulfan sulfate	0.0375	0.00176	"	0.0355	ND	105	30-150				
Endrin	0.0367	0.00176	"	0.0355	ND	103	30-150				
Endrin aldehyde	0.0332	0.00176	"	0.0355	ND	93.3	30-150				
Endrin ketone	0.0391	0.00176	"	0.0355	ND	110	30-150				
gamma-BHC (Lindane)	0.0344	0.00176	"	0.0355	ND	96.7	30-150				
gamma-Chlordane	0.0381	0.00176	"	0.0355	ND	107	30-150				
Heptachlor	0.0374	0.00176	"	0.0355	ND	105	30-150				
Heptachlor epoxide	0.0387	0.00176	"	0.0355	ND	109	30-150				
Methoxychlor	0.0398	0.00176	"	0.0355	ND	112	30-150				
Surrogate: Decachlorobiphenyl	*0.0818*		*"*	*0.0711*		*115*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0838*		*"*	*0.0711*		*118*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30379 - EPA 3550C											
Matrix Spike Dup (BA30379-MSD1)	*Source sample: 23A0372-02 (23SB-2 (0-2))								Prepared: 01/10/2023 Analyzed: 01/11/2023		
4,4'-DDD	0.0331	0.00176	mg/kg dry	0.0355	ND	93.1	30-150		9.86	30	
4,4'-DDE	0.0314	0.00176	"	0.0355	ND	88.5	30-150		15.8	30	
4,4'-DDT	0.0311	0.00176	"	0.0355	ND	87.4	30-150		18.6	30	
Aldrin	0.0360	0.00176	"	0.0355	ND	101	30-150		4.32	30	
alpha-BHC	0.0303	0.00176	"	0.0355	ND	85.1	30-150		21.5	30	
alpha-Chlordane	0.0311	0.00176	"	0.0355	ND	87.4	30-150		11.6	30	
beta-BHC	0.0293	0.00176	"	0.0355	ND	82.6	30-150		17.6	30	
delta-BHC	0.0237	0.00176	"	0.0355	ND	66.7	30-150		31.1	30	Non-dir.
Dieldrin	0.0324	0.00176	"	0.0355	ND	91.2	30-150		16.9	30	
Endosulfan I	0.0273	0.00176	"	0.0355	ND	76.8	30-150		28.8	30	
Endosulfan II	0.0171	0.00176	"	0.0355	ND	48.1	30-150		59.5	30	Non-dir.
Endosulfan sulfate	0.0279	0.00176	"	0.0355	ND	78.6	30-150		29.2	30	
Endrin	0.0318	0.00176	"	0.0355	ND	89.4	30-150		14.4	30	
Endrin aldehyde	0.0147	0.00176	"	0.0355	ND	41.2	30-150		77.4	30	Non-dir.
Endrin ketone	0.0312	0.00176	"	0.0355	ND	87.9	30-150		22.3	30	
gamma-BHC (Lindane)	0.0286	0.00176	"	0.0355	ND	80.6	30-150		18.2	30	
gamma-Chlordane	0.0325	0.00176	"	0.0355	ND	91.4	30-150		15.9	30	
Heptachlor	0.0316	0.00176	"	0.0355	ND	88.8	30-150		16.8	30	
Heptachlor epoxide	0.0329	0.00176	"	0.0355	ND	92.7	30-150		16.1	30	
Methoxychlor	0.0316	0.00176	"	0.0355	ND	88.9	30-150		23.1	30	
Surrogate: Decachlorobiphenyl	*0.0698*		*"*	*0.0711*		*98.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0736*		*"*	*0.0711*		*104*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30305 - EPA SW846-3510C Low Level											
Blank (BA30305-BLK2)								Prepared: 01/09/2023 Analyzed: 01/10/2023			
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	*0.130*		"	*0.200*		*65.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.140*		"	*0.200*		*70.0*	*30-150*				
LCS (BA30305-BS2)								Prepared: 01/09/2023 Analyzed: 01/10/2023			
Aroclor 1016	0.564	0.0500	ug/L	1.00		56.4	40-120			20	
Aroclor 1260	0.584	0.0500	"	1.00		58.4	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.117*		"	*0.200*		*58.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.0780*		"	*0.200*		*39.0*	*30-150*				
LCS Dup (BA30305-BSD2)								Prepared: 01/09/2023 Analyzed: 01/10/2023			
Aroclor 1016	0.754	0.0500	ug/L	1.00		75.4	40-120		28.8	20	Non-dir.
Aroclor 1260	0.826	0.0500	"	1.00		82.6	40-120		34.3	20	Non-dir.
Surrogate: Tetrachloro-m-xylene	*0.130*		"	*0.200*		*65.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.110*		"	*0.200*		*55.0*	*30-150*				
Batch BA30379 - EPA 3550C											
Blank (BA30379-BLK2)								Prepared & Analyzed: 01/10/2023			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0740*		"	*0.0667*		*111*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0647*		"	*0.0667*		*97.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30379 - EPA 3550C											
LCS (BA30379-BS2)							Prepared & Analyzed: 01/10/2023				
Aroclor 1016	0.370	0.0167	mg/kg wet	0.333		111	40-130				
Aroclor 1260	0.374	0.0167	"	0.333		112	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0727*		"	*0.0667*		*109*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0617*		"	*0.0667*		*92.5*	*30-120*				
Matrix Spike (BA30379-MS2)	*Source sample: 23A0372-02 (23SB-2 (0-2))						Prepared: 01/10/2023 Analyzed: 01/11/2023				
Aroclor 1016	0.336	0.0178	mg/kg dry	0.355	ND	94.6	40-140				
Aroclor 1260	0.338	0.0178	"	0.355	ND	95.0	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0707*		"	*0.0711*		*99.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0625*		"	*0.0711*		*88.0*	*30-120*				
Matrix Spike Dup (BA30379-MSD2)	*Source sample: 23A0372-02 (23SB-2 (0-2))						Prepared: 01/10/2023 Analyzed: 01/11/2023				
Aroclor 1016	0.329	0.0178	mg/kg dry	0.355	ND	92.5	40-140		2.20	50	
Aroclor 1260	0.333	0.0178	"	0.355	ND	93.8	40-140		1.25	50	
Surrogate: Tetrachloro-m-xylene	*0.0704*		"	*0.0711*		*99.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0672*		"	*0.0711*		*94.5*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30383 - EPA 3015A											
Blank (BA30383-BLK1)											Prepared: 01/10/2023 Analyzed: 01/11/2023
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	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	0.0717	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BA30383-BS1)											Prepared: 01/10/2023 Analyzed: 01/11/2023
Aluminum	1.48		ug/mL	2.00		73.9	80-120	Low Bias			
Barium	1.80		"	2.00		90.2	80-120				
Calcium	0.885		"	1.00		88.5	80-120				
Chromium	0.172		"	0.200		86.0	80-120				
Cobalt	0.460		"	0.500		92.0	80-120				
Copper	0.226		"	0.250		90.3	80-120				
Iron	0.873		"	1.00		87.3	80-120				
Lead	0.446		"	0.500		89.2	80-120				
Magnesium	0.849		"	1.00		84.9	80-120				
Manganese	0.445		"	0.500		89.1	80-120				
Nickel	0.449		"	0.500		89.7	80-120				
Potassium	0.876		"	1.00		87.6	80-120				
Silver	0.0445		"	0.0500		89.1	80-120				
Sodium	0.830		"	1.00		83.0	80-120				
Vanadium	0.431		"	0.500		86.2	80-120				
Zinc	0.448		"	0.500		89.6	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30383 - EPA 3015A											
Duplicate (BA30383-DUP1)	*Source sample: 23A0356-08 (Duplicate)								Prepared: 01/10/2023 Analyzed: 01/11/2023		
Aluminum	ND	0.0556	mg/L		ND					20	
Barium	0.178	0.0278	"		0.193				7.70	20	
Calcium	107	0.0556	"		110				2.08	20	
Chromium	ND	0.00556	"		ND					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	7.67	0.278	"		8.25				7.21	20	
Lead	ND	0.00556	"		ND					20	
Magnesium	23.2	0.0556	"		24.9				7.23	20	
Manganese	2.93	0.00556	"		3.15				7.01	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	2.20	0.0556	"		2.26				2.81	20	
Silver	ND	0.00556	"		ND					20	
Sodium	49.3	0.556	"		50.5				2.33	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	ND	0.0278	"		ND					20	
Matrix Spike (BA30383-MS1)	*Source sample: 23A0356-08 (Matrix Spike)								Prepared: 01/10/2023 Analyzed: 01/11/2023		
Aluminum	1.78	0.0556	mg/L	2.22	ND	80.2	75-125				
Barium	2.12	0.0278	"	2.22	0.193	86.7	75-125				
Calcium	106	0.0556	"	1.11	110	NR	75-125	Low Bias			
Chromium	0.188	0.00556	"	0.222	ND	84.4	75-125				
Cobalt	0.481	0.00444	"	0.556	ND	86.5	75-125				
Copper	0.239	0.0222	"	0.278	ND	86.1	75-125				
Iron	8.77	0.278	"	1.11	8.25	47.3	75-125	Low Bias			
Lead	0.449	0.00556	"	0.556	ND	80.7	75-125				
Magnesium	24.3	0.0556	"	1.11	24.9	NR	75-125	Low Bias			
Manganese	3.40	0.00556	"	0.556	3.15	46.2	75-125	Low Bias			
Nickel	0.477	0.0111	"	0.556	ND	85.9	75-125				
Potassium	3.02	0.0556	"	1.11	2.26	68.1	75-125	Low Bias			
Silver	0.0465	0.00556	"	0.0556	ND	83.6	75-125				
Sodium	49.6	0.556	"	1.11	50.5	NR	75-125	Low Bias			
Vanadium	0.476	0.0111	"	0.556	ND	85.6	75-125				
Zinc	0.484	0.0278	"	0.556	ND	87.1	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30383 - EPA 3015A											
Post Spike (BA30383-PS1)	*Source sample: 23A0356-08 (Post Spike)							Prepared: 01/10/2023 Analyzed: 01/11/2023			
Aluminum	1.60		ug/mL	2.00	0.0236	78.9	75-125				
Barium	1.90		"	2.00	0.173	86.5	75-125				
Calcium	95.9		"	1.00	98.6	NR	75-125	Low Bias			
Chromium	0.168		"	0.200	0.000546	83.7	75-125				
Cobalt	0.436		"	0.500	0.00389	86.4	75-125				
Copper	0.216		"	0.250	0.00360	84.8	75-125				
Iron	7.70		"	1.00	7.42	27.9	75-125	Low Bias			
Lead	0.413		"	0.500	-0.00395	82.5	75-125				
Magnesium	21.3		"	1.00	22.4	NR	75-125	Low Bias			
Manganese	2.99		"	0.500	2.83	32.1	75-125	Low Bias			
Nickel	0.435		"	0.500	0.00291	86.4	75-125				
Potassium	2.71		"	1.00	2.03	68.0	75-125	Low Bias			
Silver	0.0410		"	0.0500	0.000745	80.5	75-125				
Sodium	44.4		"	1.00	45.4	NR	75-125	Low Bias			
Vanadium	0.429		"	0.500	-0.000533	85.7	75-125				
Zinc	0.440		"	0.500	0.0223	83.5	75-125				
Batch BA30569 - EPA 3050B											
Blank (BA30569-BLK1)								Prepared: 01/12/2023 Analyzed: 01/13/2023			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	4.37	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30569 - EPA 3050B											
Duplicate (BA30569-DUP1)	*Source sample: 23A0372-02 (23SB-2 (0-2))								Prepared: 01/12/2023 Analyzed: 01/13/2023		
Aluminum	11500	4.46	mg/kg dry		11900				3.37	35	
Antimony	ND	2.23	"		ND					35	
Arsenic	ND	1.34	"		ND					35	
Barium	98.3	2.22	"		104				5.83	35	
Beryllium	1.60	0.045	"		1.59				0.615	35	
Cadmium	0.416	0.267	"		0.430				3.43	35	
Calcium	54000	4.46	"		63700				16.5	35	
Chromium	22.2	0.446	"		23.5				5.92	35	
Cobalt	13.1	0.356	"		13.0				0.545	35	
Copper	24.9	1.78	"		25.4				2.17	35	
Iron	20900	22.3	"		20000				4.14	35	
Lead	5.84	0.446	"		6.60				12.3	35	
Magnesium	15200	4.46	"		20800				31.1	35	
Manganese	197	0.446	"		233				16.9	35	
Nickel	20.3	0.888	"		21.8				7.44	35	
Potassium	6350	4.46	"		6420				1.07	35	
Selenium	ND	2.23	"		ND					35	
Silver	ND	0.449	"		ND					35	
Sodium	305	44.6	"		272				11.6	35	
Thallium	ND	2.23	"		ND					35	
Vanadium	42.7	0.888	"		35.6				18.1	35	
Zinc	47.9	2.22	"		49.8				3.98	35	
Matrix Spike (BA30569-MS1)	*Source sample: 23A0372-02 (23SB-2 (0-2))								Prepared: 01/12/2023 Analyzed: 01/13/2023		
Aluminum	11700	4.46	mg/kg dry	178	11900	NR	75-125	Low Bias			
Antimony	ND	2.23	"	22.3	ND		75-125	Low Bias			
Arsenic	156	1.34	"	178	ND	87.5	75-125				
Barium	250	2.22	"	178	104	81.6	75-125				
Beryllium	5.39	0.045	"	4.46	1.59	85.3	75-125				
Cadmium	3.98	0.267	"	4.46	0.430	79.5	75-125				
Calcium	55500	4.46	"	89.1	63700	NR	75-125	Low Bias			
Chromium	38.1	0.446	"	17.8	23.5	81.8	75-125				
Cobalt	50.9	0.356	"	44.6	13.0	85.0	75-125				
Copper	55.7	1.78	"	22.3	25.4	136	75-125	High Bias			
Iron	20000	22.3	"	89.1	20000	NR	75-125	Low Bias			
Lead	42.0	0.446	"	44.6	6.60	79.4	75-125				
Magnesium	12000	4.46	"	89.1	20800	NR	75-125	Low Bias			
Manganese	237	0.446	"	44.6	233	9.00	75-125	Low Bias			
Nickel	61.7	0.888	"	44.6	21.8	89.4	75-125				
Potassium	6110	4.46	"	89.1	6420	NR	75-125	Low Bias			
Selenium	110	2.23	"	178	ND	62.0	75-125	Low Bias			
Silver	ND	0.449	"	4.46	ND		75-125	Low Bias			
Sodium	370	44.6	"	89.1	272	110	75-125				
Thallium	135	2.23	"	178	ND	75.5	75-125				
Vanadium	74.1	0.888	"	44.6	35.6	86.4	75-125				
Zinc	83.8	2.22	"	44.6	49.8	76.1	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30569 - EPA 3050B											
Post Spike (BA30569-PS1)	*Source sample: 23A0372-02 (23SB-2 (0-2))									Prepared: 01/12/2023 Analyzed: 01/13/2023	
Aluminum	128		ug/mL	2.00	133	NR	75-125	Low Bias			
Antimony	0.158		"	0.250	-0.092	63.1	75-125	Low Bias			
Arsenic	1.94		"	2.00	0.010	96.7	75-125				
Barium	2.98		"	2.00	1.17	90.5	75-125				
Beryllium	0.063		"	0.0500	0.018	90.0	75-125				
Cadmium	0.049		"	0.0500	0.005	87.7	75-125				
Calcium	686		"	1.00	715	NR	75-125	Low Bias			
Chromium	0.431		"	0.200	0.264	83.7	75-125				
Cobalt	0.606		"	0.500	0.146	91.9	75-125				
Copper	0.526		"	0.250	0.285	96.5	75-125				
Iron	213		"	1.00	224	NR	75-125	Low Bias			
Lead	0.512		"	0.500	0.074	87.7	75-125				
Magnesium	222		"	1.00	233	NR	75-125	Low Bias			
Manganese	2.95		"	0.500	2.61	66.7	75-125	Low Bias			
Nickel	0.744		"	0.500	0.245	99.7	75-125				
Potassium	71.4		"	1.00	72.0	NR	75-125	Low Bias			
Selenium	1.52		"	2.00	-0.160	76.2	75-125				
Silver	-0.144		"	0.0500	-0.202		75-125	Low Bias			
Sodium	3.93		"	1.00	3.05	87.9	75-125				
Thallium	1.68		"	2.00	-0.033	84.0	75-125				
Vanadium	0.851		"	0.500	0.400	90.2	75-125				
Zinc	0.980		"	0.500	0.559	84.1	75-125				
Reference (BA30569-SRM1)										Prepared: 01/12/2023 Analyzed: 01/13/2023	
Aluminum	7050	4.17	mg/kg wet	7970		88.5	49.7-150.6				
Antimony	67.7	2.08	"	136		49.8	20.4-249.3				
Arsenic	86.7	1.25	"	87.4		99.2	70-130.4				
Barium	341	2.08	"	347		98.2	75.2-130.3				
Beryllium	98.3	0.042	"	103		95.4	74.8-132				
Cadmium	151	0.250	"	160		94.1	75-145.6				
Calcium	4000	4.17	"	4100		97.5	71.7-139.3				
Chromium	220	0.417	"	231		95.2	70.1-134.2				
Cobalt	235	0.333	"	241		97.4	75.1-141.5				
Copper	143	1.67	"	144		99.5	75-126.4				
Iron	12500	20.8	"	14200		88.2	35.3-164.8				
Lead	249	0.417	"	266		93.6	74.1-125.9				
Magnesium	2110	4.17	"	2220		95.0	61.3-138.7				
Manganese	531	0.417	"	555		95.6	77.3-132.8				
Nickel	352	0.830	"	350		100	70-144				
Potassium	1920	4.17	"	1940		98.9	58.2-141.8				
Selenium	82.7	2.08	"	130		63.6	66.9-133.8	Low Bias			
Silver	54.3	0.420	"	57.1		95.0	70.2-129.8				
Sodium	134	41.7	"	117		114	30.5-170.1				
Thallium	68.5	2.08	"	75.4		90.8	64.3-135.3				
Vanadium	78.7	0.830	"	88.6		88.8	65.6-134.3				
Zinc	144	2.08	"	160		90.1	70-130				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30323 - EPA 3015A											
Blank (BA30323-BLK1)										Prepared: 01/09/2023 Analyzed: 01/11/2023	
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 (BA30323-BS1)										Prepared: 01/09/2023 Analyzed: 01/11/2023	
Antimony	48.8		ug/L	50.0		97.7	80-120				
Arsenic	49.4		"	50.0		98.9	80-120				
Beryllium	51.5		"	50.0		103	80-120				
Cadmium	49.3		"	50.0		98.6	80-120				
Selenium	59.5		"	50.0		119	80-120				
Thallium	52.2		"	50.0		104	80-120				
Duplicate (BA30323-DUP1)	*Source sample: 23A0372-03 (FB010623)									Prepared: 01/09/2023 Analyzed: 01/11/2023	
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	"		ND					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Selenium	1.96	1.11	"		5.22				90.7	20	Non-dir.
Thallium	ND	1.11	"		ND					20	
Matrix Spike (BA30323-MS1)	*Source sample: 23A0372-03 (FB010623)									Prepared: 01/09/2023 Analyzed: 01/11/2023	
Antimony	48.4		ug/L	50.0	0.008	96.8	75-125				
Arsenic	50.2		"	50.0	0.00002	100	75-125				
Beryllium	48.6		"	50.0	0.004	97.2	75-125				
Cadmium	48.3		"	50.0	0.0006	96.7	75-125				
Selenium	58.7		"	50.0	4.70	108	75-125				
Thallium	51.5		"	50.0	-0.004	103	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30390 - EPA 7473 soil											
Blank (BA30390-BLK1)								Prepared & Analyzed: 01/10/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BA30390-DUP1)	*Source sample: 23A0372-02 (23SB-2 (0-2))							Prepared & Analyzed: 01/10/2023			
Mercury	ND	0.0321	mg/kg dry		ND					35	
Matrix Spike (BA30390-MS1)	*Source sample: 23A0372-02 (23SB-2 (0-2))							Prepared & Analyzed: 01/10/2023			
Mercury	0.475		mg/kg	0.500	0.00520	93.9	75-125				
Reference (BA30390-SRM1)								Prepared & Analyzed: 01/10/2023			
Mercury	20.888		mg/kg	27.2		76.8	59.9-140.1				
Batch BA30626 - EPA SW846-7470A											
Blank (BA30626-BLK1)								Prepared & Analyzed: 01/13/2023			
Mercury	ND	0.0002	mg/L								
Blank (BA30626-BLK2)								Prepared & Analyzed: 01/13/2023			
Mercury	ND	0.0002	mg/L								
LCS (BA30626-BS1)								Prepared & Analyzed: 01/13/2023			
Mercury	0.0019807	0.0002	mg/L	0.00200		99.0	80-120				
LCS (BA30626-BS2)								Prepared & Analyzed: 01/13/2023			
Mercury	0.0019324	0.0002	mg/L	0.00200		96.6	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30822 - EPA SW846-3060											
Blank (BA30822-BLK1)								Prepared & Analyzed: 01/17/2023			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BA30822-DUP1)	*Source sample: 23A0372-02 (23SB-2 (0-2))							Prepared & Analyzed: 01/17/2023			
Chromium, Hexavalent	3.34	0.535	mg/kg dry		3.81				13.2	35	
Matrix Spike (BA30822-MS1)	*Source sample: 23A0372-02 (23SB-2 (0-2))							Prepared & Analyzed: 01/17/2023			
Chromium, Hexavalent	55.9	0.535	mg/kg dry	21.4	3.81	243	75-125	High Bias			
Reference (BA30822-SRM1)								Prepared & Analyzed: 01/17/2023			
Chromium, Hexavalent	277		mg/L	227		122	42.3-157.7				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30413 - % Solids Prep											
Duplicate (BA30413-DUP1)	*Source sample: 23A0372-02 (23SB-2 (0-2))								Prepared & Analyzed: 01/10/2023		
% Solids	93.8	0.100	%		93.5				0.305	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23A0372-01	23SB-1 (0-2)	40mL Vial with Stir Bar-Cool 4° C
23A0372-02	23SB-2 (0-2)	40mL Vial with Stir Bar-Cool 4° C
23A0372-03	FB010623	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
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.
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.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-PS	This Element exhibted recovery outside control limits for the Post Spike.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
M-SRD1	The serial dilution for this element was outside control limits.
S-D	The surrogates were spiked at twice the normal concentration and recovery is within limits.
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-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-09	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect confirmed by re-extraction and re-analysis of the sample.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.

NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No. 23A0377

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

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Vector Consultants	Company:	Company:	315 Bond Concourse, Bronx, NY	RUSH - Next Day
Address: 37 W 37th St 8th Floor NY, NY, 10018	Address:	Address:	YOUR Project Name	RUSH - Two Day
Phone.: 347-871-0750	Phone.:	Phone.:		RUSH - Three Day
Contact: Eger Kegel	Contact:	Contact:		RUSH - Four Day
E-mail: EKegel@Vectorconsultants.com	E-mail: DKleeman@Vectorconsultants.com	E-mail: AP@Vectorconsultants.com	YOUR PO#:	Standard (5-7 Day) ✓

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

Samples Collected by: (print AND sign your name) David Kleeman

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

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

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

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in) Part 375 Unrestricted + Restricted

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
23SB-1(0-2)	S	1/6/23 0935	TCL VOCs, SVOCs, Pest/PCBs, TAL Metals, PFAS, 1,4 Dioxane	1-4oz, 1-4oz, 1-4oz (1 for PFAS)
23SB-2(0-2)	S	1/6/23 0815	"	"
23SB-MS-1(0-2)	S	1/6/23 0817	"	"
23SB-MSD-1(0-2)	S	1/6/23 0819	"	"
FB010623	FB	1/6/23 1020	TCL VOCs, SVOCs, Pest/PCBs, TAL Metals (Dissolved/Undissolved), PFAS, 1,4 Dioxane	3-4oz, 1-250mL 3-1L, 1-125mL 3 PFAS
Trip Blank	TB	LAB	TCL VOCs	2-4oz w/HCl

Comments: MS/MSD-1(0-2) from 23SB-2(0-2)

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
Vector	1/6/23 1315	Mad N York Labs	1/6/23 13:15pm	Mad N York Labs	1/6/23 17:46
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Victor D. York	1/6/23 17:46	Victor D. York	1/6/23		
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				TC Yahle for K. Blocker	1/6/23 2015 / 3.0 Degrees C

Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 01/18/2023
Client Project ID: 315 Grand Concourse Bronx, NY
York Project (SDG) No.: 23A0435

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: 01/18/2023
Client Project ID: 315 Grand Concourse Bronx, NY
York Project (SDG) No.: 23A0435

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

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 January 10, 2023 and listed below. The project was identified as your project: **315 Grand Concourse Bronx, 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
23A0435-01	Field Blank 011023	Water	01/10/2023	01/10/2023
23A0435-03	23SB-6(0-2)	Soil	01/10/2023	01/10/2023
23A0435-04	23SB-6(2-4)	Soil	01/10/2023	01/10/2023
23A0435-05	23SB-6(4-5)	Soil	01/10/2023	01/10/2023

General Notes for York Project (SDG) No.: 23A0435

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: 01/18/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **Field Blank 011023** **York Sample ID:** **23A0435-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Water	January 10, 2023 12:15 pm	01/10/2023

VOA, 8260 LOW MASTER

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	0.216	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD

Sample Information

Client Sample ID: Field Blank 011023 **York Sample ID:** 23A0435-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Water	January 10, 2023 12:15 pm	01/10/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: Field Blank 011023 **York Sample ID:** 23A0435-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Water	January 10, 2023 12:15 pm	01/10/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 17:40	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:40	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 17:40	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:40	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 17:40	PD
75-09-2	**Methylene chloride**	**1.12**	J, B	ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/12/2023 17:40	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 17:40	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:40	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:40	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2023 17:40	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2023 17:40	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 17:40	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:40	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:40	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:40	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 17:40	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:40	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:40	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:40	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:40	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:40	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:40	PD

Sample Information

Client Sample ID: Field Blank 011023 **York Sample ID:** 23A0435-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Water	January 10, 2023 12:15 pm	01/10/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:40	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 17:40	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2023 17:40	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.7 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.6 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.8 %*	*79-122*

SVOA, 8270 LOW MASTER

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:	01/11/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH

Sample Information

Client Sample ID: Field Blank 011023 **York Sample ID:** 23A0435-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Water	January 10, 2023 12:15 pm	01/10/2023

SVOA, 8270 LOW MASTER

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
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.41	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.08	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH

Sample Information

Client Sample ID: Field Blank 011023 **York Sample ID:** 23A0435-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Water	January 10, 2023 12:15 pm	01/10/2023

SVOA, 8270 LOW MASTER

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
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.41	10.8	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH
2312-35-8	* Propargite	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09	01/12/2023 17:24	KH
110-86-1	Pyridine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 17:24	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*31.9 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*18.9 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.9 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*84.9 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*78.8 %*	*30.7-106*

SVOA, 8270 SIM MASTER

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:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:06	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:06	KH
120-12-7	Anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:06	KH
1912-24-9	Atrazine	ND		ug/L	0.541	1	EPA 8270D SIM Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/12/2023 16:06	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:06	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:06	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications:	01/11/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:06	KH

Sample Information

Client Sample ID: Field Blank 011023 **York Sample ID:** 23A0435-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Water	January 10, 2023 12:15 pm	01/10/2023

SVOA, 8270 SIM MASTER

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
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:09	01/12/2023 16:06	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:09	01/12/2023 16:06	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.995**	B	ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/11/2023 08:09	01/12/2023 16:06	KH
218-01-9	Chrysene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:09	01/12/2023 16:06	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:09	01/12/2023 16:06	KH
206-44-0	Fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:09	01/12/2023 16:06	KH
86-73-7	Fluorene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:09	01/12/2023 16:06	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/11/2023 08:09	01/12/2023 16:06	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/11/2023 08:09	01/12/2023 16:06	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/11/2023 08:09	01/12/2023 16:06	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:09	01/12/2023 16:06	KH
91-20-3	Naphthalene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:09	01/12/2023 16:06	KH
98-95-3	Nitrobenzene	ND		ug/L	0.270	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/11/2023 08:09	01/12/2023 16:06	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/11/2023 08:09	01/12/2023 16:06	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/11/2023 08:09	01/12/2023 16:06	KH
85-01-8	Phenanthrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:09	01/12/2023 16:06	KH
129-00-0	Pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/11/2023 08:09	01/12/2023 16:06	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	01/11/2023 08:45	01/12/2023 15:33	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*79.4 %*	*36.6-118*

Sample Information

Client Sample ID: Field Blank 011023 **York Sample ID:** 23A0435-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Water	January 10, 2023 12:15 pm	01/10/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

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	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	7.29	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	7.29	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	7.29	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ

Sample Information

Client Sample ID: **Field Blank 011023** **York Sample ID:** **23A0435-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Water	January 10, 2023 12:15 pm	01/10/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	7.29	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	7.29	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	7.29	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	7.29	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
919005-14-4	* ADONA	ND		ng/L	7.29	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	4.55	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	22.8	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	22.8	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	18.2	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.82	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	18.2	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ
4151-50-2	* **N-EtFOSA**	**1.72**	B	ng/L	0.182	1	EPA 1633 Draft 2 Certifications:	01/10/2023 18:00	01/13/2023 22:19	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*103 %*	*25-150*
Surrogate: M5PFHxA	*107 %*	*25-150*
Surrogate: M4PFHpA	*91.2 %*	*25-150*
Surrogate: M3PFHxS	*118 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*99.9 %*	*25-150*
Surrogate: M6PFDA	*112 %*	*25-150*

Sample Information

Client Sample ID: Field Blank 011023 **York Sample ID:** 23A0435-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Water	January 10, 2023 12:15 pm	01/10/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M7PFUdA	*91.2 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*86.9 %*			*25-150*					
	Surrogate: M2PFTeDA	*62.6 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*110 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*114 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*107 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*9.94 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*95.7 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*94.7 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*87.2 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*84.0 %*			*25-200*					
	Surrogate: M9PFNA	*110 %*			*25-150*					
	Surrogate: M2-4:2 FTS	*87.3 %*			*25-150*					
	Surrogate: d-N-MeFOSA	*26.3 %*			*25-150*					
	Surrogate: d-N-EtFOSA	*64.5 %*			*25-150*					
	Surrogate: M3HFPO-DA	*94.8 %*			*25-150*					
	Surrogate: d9-N-EtFOSE	*21.3 %*			*25-150*					
	Surrogate: d7-N-MeFOSE	*20.8 %*			*25-150*					

PEST, 8081 MASTER

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	0.00471	1	EPA 8081B	01/11/2023 08:00	01/12/2023 04:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00471	1	EPA 8081B	01/11/2023 08:00	01/12/2023 04:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00471	1	EPA 8081B	01/11/2023 08:00	01/12/2023 04:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00471	1	EPA 8081B	01/11/2023 08:00	01/12/2023 04:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00471	1	EPA 8081B	01/11/2023 08:00	01/12/2023 04:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00471	1	EPA 8081B	01/11/2023 08:00	01/12/2023 04:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00471	1	EPA 8081B	01/11/2023 08:00	01/12/2023 04:17	BJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Field Blank 011023 **York Sample ID:** 23A0435-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Water	January 10, 2023 12:15 pm	01/10/2023

PEST, 8081 MASTER

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
319-86-8	delta-BHC	ND		ug/L	0.00471	1	EPA 8081B Certifications:	01/11/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 04:17	BJ
60-57-1	Dieldrin	ND		ug/L	0.00235	1	EPA 8081B Certifications:	01/11/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 04:17	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00471	1	EPA 8081B Certifications:	01/11/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 04:17	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00471	1	EPA 8081B Certifications:	01/11/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 04:17	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00471	1	EPA 8081B Certifications:	01/11/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 04:17	BJ
72-20-8	Endrin	ND		ug/L	0.00471	1	EPA 8081B Certifications:	01/11/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 04:17	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0118	1	EPA 8081B Certifications:	01/11/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 04:17	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0118	1	EPA 8081B Certifications:	01/11/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 04:17	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00471	1	EPA 8081B Certifications:	01/11/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 04:17	BJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0118	1	EPA 8081B Certifications:	01/11/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 04:17	BJ
76-44-8	Heptachlor	ND		ug/L	0.00471	1	EPA 8081B Certifications:	01/11/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 04:17	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00471	1	EPA 8081B Certifications:	01/11/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 04:17	BJ
72-43-5	Methoxychlor	ND		ug/L	0.00471	1	EPA 8081B Certifications:	01/11/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 04:17	BJ
8001-35-2	Toxaphene	ND		ug/L	0.118	1	EPA 8081B Certifications:	01/11/2023 08:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 04:17	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.235	1	EPA 8081B Certifications:	01/11/2023 08:00	01/12/2023 04:17	BJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0118	1	EPA 8081B Certifications:	01/11/2023 08:00	01/12/2023 04:17	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*123 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*121 %*	*30-150*

PCB, 8082 MASTER

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	0.0588	1	EPA 8082A Certifications:	01/11/2023 08:00 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 16:43	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0588	1	EPA 8082A Certifications:	01/11/2023 08:00 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 16:43	BJ

Sample Information

Client Sample ID: Field Blank 011023 **York Sample ID:** 23A0435-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Water	January 10, 2023 12:15 pm	01/10/2023

PCB, 8082 MASTER

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
11141-16-5	Aroclor 1232	ND		ug/L	0.0588	1	EPA 8082A Certifications:	01/11/2023 08:00 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 16:43	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0588	1	EPA 8082A Certifications:	01/11/2023 08:00 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 16:43	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0588	1	EPA 8082A Certifications:	01/11/2023 08:00 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 16:43	BJ
11097-69-1	Aroclor 1254	ND	PCB-I	ug/L	0.0588	1	EPA 8082A Certifications:	01/11/2023 08:00 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 16:43	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0588	1	EPA 8082A Certifications:	01/11/2023 08:00 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/11/2023 16:43	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0588	1	EPA 8082A Certifications:	01/11/2023 08:00	01/11/2023 16:43	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*138 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*131 %*	*30-150*

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	ND		mg/L	0.0556	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:15	CW
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:15	CW
7440-70-2	**Calcium**	**0.0636**	B	mg/L	0.0556	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:15	CW
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:15	CW
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:15	CW
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:15	CW
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:15	CW
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:15	CW
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:15	CW
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:15	CW
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:15	CW
7440-09-7	**Potassium**	**0.0693**		mg/L	0.0556	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:15	CW

Sample Information

Client Sample ID: Field Blank 011023 **York Sample ID:** 23A0435-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Water	January 10, 2023 12:15 pm	01/10/2023

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
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:15	CW
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:15	CW
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:15	CW
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:15	CW

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:	01/11/2023 08:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:08	AJL
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications:	01/11/2023 08:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:08	AJL
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications:	01/11/2023 08:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:08	AJL
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications:	01/11/2023 08:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:08	AJL
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications:	01/11/2023 08:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:08	AJL
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications:	01/11/2023 08:20 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 16:08	AJL

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:	01/13/2023 09:58 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 09:58	AD

Sample Information

Client Sample ID: 23SB-6(0-2) **York Sample ID:** 23A0435-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:00 pm	01/10/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **23SB-6(0-2)** **York Sample ID:** **23A0435-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:00 pm	01/10/2023

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	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	**Acetone**	**0.0084**		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR

Sample Information

Client Sample ID: 23SB-6(0-2) **York Sample ID:** 23A0435-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:00 pm	01/10/2023

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: 23SB-6(0-2) **York Sample ID:** 23A0435-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:00 pm	01/10/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**0.0094**		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	**tert-Butyl alcohol (TBA)**	**0.027**		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications:	01/11/2023 09:00	01/11/2023 15:04	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Sample Information

Client Sample ID: 23SB-6(0-2)

York Sample ID: 23A0435-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:00 pm	01/10/2023

SVOA, 8270 MASTER

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	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,PADEP	01/13/2023 18:33	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,PADEP	01/13/2023 18:33	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,PADEP	01/13/2023 18:33	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH

Sample Information

Client Sample ID: 23SB-6(0-2) **York Sample ID:** 23A0435-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:00 pm	01/10/2023

SVOA, 8270 MASTER

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	0.0895	0.179	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**0.0730**	J	mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.0722**	J	mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.335**		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.288**		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.239**		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.144**		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.276**		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 18:33 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: 23SB-6(0-2)

York Sample ID: 23A0435-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:00 pm	01/10/2023

SVOA, 8270 MASTER

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**	**0.0923**		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0895	0.179	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.286**		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0451**	J	mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.564**		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.177**		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D	01/12/2023 08:12	01/13/2023 18:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 23SB-6(0-2) **York Sample ID:** 23A0435-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:00 pm	01/10/2023

SVOA, 8270 MASTER

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	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
85-01-8	**Phenanthrene**	**0.102**		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
108-95-2	Phenol	ND		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH
129-00-0	**Pyrene**	**0.444**		mg/kg dry	0.0449	0.0895	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 18:33	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*1.48 %*	S-04	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*17.3 %*	S-04	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.3 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.0 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*0.560 %*	S-04	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.2 %*		*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	18.9	1	EPA 8270D SIM Certifications:	01/12/2023 08:22 NELAC-NY10854	01/13/2023 12:36	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*48.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

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	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ

Sample Information

Client Sample ID: 23SB-6(0-2)

York Sample ID: 23A0435-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:00 pm	01/10/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

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	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**0.282**		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.432	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.864	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.864	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.864	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.432	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.432	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.432	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ

Sample Information

Client Sample ID: 23SB-6(0-2)

York Sample ID: 23A0435-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:00 pm	01/10/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.432	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.864	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.864	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.864	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.864	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.864	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.08	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.40	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.40	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.16	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
31506-32-8	* **N-MeFOSA**	**0.420**		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.16	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:11	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*56.5 %*	*25-150*
Surrogate: M5PFHxA	*40.8 %*	*25-150*
Surrogate: M4PFHpA	*37.0 %*	*25-150*
Surrogate: M3PFHxS	*63.9 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*39.7 %*	*25-150*
Surrogate: M6PFDA	*43.8 %*	*25-150*
Surrogate: M7PFUdA	*32.5 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*25.7 %*	*25-150*

Sample Information

Client Sample ID: 23SB-6(0-2)

York Sample ID: 23A0435-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:00 pm	01/10/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M2PFTeDA	*14.1 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*42.1 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*72.9 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*39.9 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.26 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*16.6 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*19.9 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*21.6 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*16.8 %*			*25-200*					
	Surrogate: M9PFNA	*41.7 %*			*25-150*					
	Surrogate: M2-4:2 FTS	*15.8 %*			*25-150*					
	Surrogate: d-N-MeFOSA	*5.37 %*			*25-150*					
	Surrogate: d-N-EtFOSA	*53.8 %*			*25-150*					
	Surrogate: M3HFPO-DA	*48.8 %*			*25-150*					
	Surrogate: d9-N-EtFOSE	*8.44 %*			*25-150*					
	Surrogate: d7-N-MeFOSE	*7.15 %*			*25-150*					

PEST, 8081 MASTER

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	0.00176	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 22:57	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 22:57	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 22:57	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 22:57	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 22:57	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/12/2023 08:07 NELAC-NY10854,NJDEP	01/16/2023 22:57	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 22:57	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 22:57	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 22:57	BJ

Sample Information

Client Sample ID: 23SB-6(0-2) **York Sample ID:** 23A0435-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:00 pm	01/10/2023

PEST, 8081 MASTER

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	0.00176	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 22:57	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854	01/16/2023 22:57	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 22:57	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 22:57	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 22:57	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 22:57	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 22:57	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/12/2023 08:07 NELAC-NY10854,NJDEP	01/16/2023 22:57	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 22:57	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 22:57	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 22:57	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 22:57	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0353	5	EPA 8081B Certifications:	01/12/2023 08:07	01/16/2023 22:57	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*32.9 %*	*30-150*

PCB, 8082 MASTER

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	0.0178	1	EPA 8082A Certifications:	01/12/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/13/2023 02:54	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	01/12/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/13/2023 02:54	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	01/12/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/13/2023 02:54	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	01/12/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/13/2023 02:54	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	01/12/2023 08:07 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/13/2023 02:54	BJ

Sample Information

Client Sample ID: 23SB-6(0-2)

York Sample ID: 23A0435-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:00 pm	01/10/2023

PCB, 8082 MASTER

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	0.0178	1	EPA 8082A	01/12/2023 08:07	01/13/2023 02:54	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	01/12/2023 08:07	01/13/2023 02:54	BJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	01/12/2023 08:07	01/13/2023 02:54	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.0 %*	*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**	**9020**		mg/kg dry	4.51	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.26	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.80**		mg/kg dry	1.35	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**91.3**		mg/kg dry	2.25	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.751**		mg/kg dry	0.046	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.412**		mg/kg dry	0.271	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**81600**		mg/kg dry	4.52	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**22.0**		mg/kg dry	0.452	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.87**		mg/kg dry	0.361	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**21.0**		mg/kg dry	1.81	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**12300**		mg/kg dry	22.6	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**39.7**		mg/kg dry	0.452	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**21000**		mg/kg dry	4.52	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**204**		mg/kg dry	0.452	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 23SB-6(0-2) **York Sample ID:** 23A0435-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:00 pm	01/10/2023

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**	**16.3**		mg/kg dry	0.899	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2370**		mg/kg dry	4.52	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.26	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.455	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**246**		mg/kg dry	45.2	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.26	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**24.2**		mg/kg dry	0.899	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**60.2**		mg/kg dry	2.25	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:01	CW
							Certifications:	CTDOH-PH-0723,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**	**0.0409**		mg/kg dry	0.0325	1	EPA 7473	01/11/2023 08:55	01/11/2023 12:58	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**4.94**		mg/kg dry	0.542	1	EPA 7196A	01/17/2023 14:22	01/17/2023 21:10	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

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
16065-83-1	* **Chromium, Trivalent**	**17.1**		mg/kg	0.500	1	Calculation	01/18/2023 08:57	01/18/2023 16:54	PAM
							Certifications:			

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

Sample Information

Client Sample ID: 23SB-6(0-2) **York Sample ID:** 23A0435-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:00 pm	01/10/2023

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	01/11/2023 07:44	01/11/2023 15:50	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: 23SB-6(2-4) **York Sample ID:** 23A0435-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:05 pm	01/10/2023

VOA, 8260 MASTER **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	0.0055	1	EPA 8260C	01/12/2023 09:00	01/12/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	01/12/2023 09:00	01/12/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	01/12/2023 09:00	01/12/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	01/12/2023 09:00	01/12/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	01/12/2023 09:00	01/12/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	01/12/2023 09:00	01/12/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	01/12/2023 09:00	01/12/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	01/12/2023 09:00	01/12/2023 12:59	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	01/12/2023 09:00	01/12/2023 12:59	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	01/12/2023 09:00	01/12/2023 12:59	FTR
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	01/12/2023 09:00	01/12/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	01/12/2023 09:00	01/12/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	01/12/2023 09:00	01/12/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	01/12/2023 09:00	01/12/2023 12:59	FTR
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: 23SB-6(2-4)

York Sample ID: 23A0435-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:05 pm	01/10/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 23SB-6(2-4) **York Sample ID:** 23A0435-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:05 pm	01/10/2023

VOA, 8260 MASTER

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	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 12:59	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: 23SB-6(2-4) **York Sample ID:** 23A0435-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:05 pm	01/10/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 12:59	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 12:59	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 12:59	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 12:59	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 12:59	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 12:59	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2023 12:59	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*80.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.7 %*	*76-130*

SVOA, 8270 MASTER

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	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.226	0.451	5	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,PADEP	01/16/2023 15:44	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,PADEP	01/16/2023 15:44	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,PADEP	01/16/2023 15:44	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.226	0.451	5	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH

Sample Information

Client Sample ID: 23SB-6(2-4) **York Sample ID:** 23A0435-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:05 pm	01/10/2023

SVOA, 8270 MASTER

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
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.226	0.451	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.226	0.451	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.226	0.451	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.226	0.451	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.226	0.451	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.226	0.451	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH

Sample Information

Client Sample ID: 23SB-6(2-4) **York Sample ID:** 23A0435-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:05 pm	01/10/2023

SVOA, 8270 MASTER

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
98-86-2	Acetophenone	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
62-53-3	Aniline	ND		mg/kg dry	0.452	0.905	5	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
120-12-7	Anthracene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
92-87-5	Benzidine	ND		mg/kg dry	0.452	0.905	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,PADEP	01/16/2023 15:44	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.226	0.451	5	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
86-74-8	Carbazole	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
218-01-9	Chrysene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 15:44	KH

Sample Information

Client Sample ID: 23SB-6(2-4) **York Sample ID:** 23A0435-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:05 pm	01/10/2023

SVOA, 8270 MASTER

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
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
108-95-2	Phenol	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
129-00-0	Pyrene	ND		mg/kg dry	0.113	0.226	5	EPA 8270D Certifications:	01/12/2023 08:12	01/16/2023 15:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*4.20 %*	S-01	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*19.3 %*	S-01	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*40.8 %*		*22-108*

Sample Information

Client Sample ID: 23SB-6(2-4) **York Sample ID:** 23A0435-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:05 pm	01/10/2023

SVOA, 8270 MASTER

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
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*40.4 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*3.90 %*	S-01		*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*47.8 %*			*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	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/12/2023 08:22	01/13/2023 12:53	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*51.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

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	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ

Sample Information

Client Sample ID: 23SB-6(2-4) **York Sample ID:** 23A0435-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:05 pm	01/10/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.435	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.869	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.869	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.869	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.435	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.435	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.435	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.435	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.869	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.869	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.869	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.869	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.869	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.09	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ

Sample Information

Client Sample ID: 23SB-6(2-4) **York Sample ID:** 23A0435-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:05 pm	01/10/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.43	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.43	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.17	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.17	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.217	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:28	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*88.9 %*	*25-150*
Surrogate: M5PFHxA	*107 %*	*25-150*
Surrogate: M4PFHpA	*91.5 %*	*25-150*
Surrogate: M3PFHxS	*108 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*96.5 %*	*25-150*
Surrogate: M6PFDA	*97.7 %*	*25-150*
Surrogate: M7PFUdA	*98.5 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*84.7 %*	*25-150*
Surrogate: M2PFTeDA	*62.6 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*103 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*104 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*105 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.51 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*65.0 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*73.8 %*	*25-150*
Surrogate: M2-6:2 FTS	*84.3 %*	*25-200*
Surrogate: M2-8:2 FTS	*77.1 %*	*25-200*
Surrogate: M9PFNA	*96.3 %*	*25-150*
Surrogate: M2-4:2 FTS	*80.9 %*	*25-150*
Surrogate: d-N-MeFOSA	*7.18 %*	*25-150*
Surrogate: d-N-EtFOSA	*44.9 %*	*25-150*
Surrogate: M3HFPO-DA	*87.4 %*	*25-150*
Surrogate: d9-N-EtFOSE	*6.06 %*	*25-150*
Surrogate: d7-N-MeFOSE	*7.74 %*	*25-150*

Sample Information

Client Sample ID: 23SB-6(2-4) **York Sample ID:** 23A0435-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:05 pm	01/10/2023

PEST, 8081 MASTER

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:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:15	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:15	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:15	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:15	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:15	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/12/2023 08:07 NELAC-NY10854,NJDEP	01/16/2023 23:15	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:15	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:15	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:15	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:15	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854	01/16/2023 23:15	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:15	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:15	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:15	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:15	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:15	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/12/2023 08:07 NELAC-NY10854,NJDEP	01/16/2023 23:15	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:15	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:15	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:15	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B Certifications:	01/12/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:15	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0361	5	EPA 8081B Certifications:	01/12/2023 08:07	01/16/2023 23:15	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.4 %*	*30-150*

Sample Information

Client Sample ID: 23SB-6(2-4) **York Sample ID:** 23A0435-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:05 pm	01/10/2023

PEST, 8081 MASTER

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
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.3 %*		*30-150*						

PCB, 8082 MASTER

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	01/12/2023 08:07	01/13/2023 03:08	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	01/12/2023 08:07	01/13/2023 03:08	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	01/12/2023 08:07	01/13/2023 03:08	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	01/12/2023 08:07	01/13/2023 03:08	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	01/12/2023 08:07	01/13/2023 03:08	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	01/12/2023 08:07	01/13/2023 03:08	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	01/12/2023 08:07	01/13/2023 03:08	BJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	01/12/2023 08:07	01/13/2023 03:08	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.5 %*	*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**	**9700**		mg/kg dry	4.59	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.29	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**22.0**		mg/kg dry	1.38	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**168**		mg/kg dry	2.29	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.828**		mg/kg dry	0.046	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**0.854**		mg/kg dry	0.275	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 23SB-6(2-4) **York Sample ID:** 23A0435-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:05 pm	01/10/2023

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
7440-70-2	**Calcium**	**72600**		mg/kg dry	4.59	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**94.0**		mg/kg dry	0.459	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.65**		mg/kg dry	0.367	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**48.5**		mg/kg dry	1.84	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**27100**		mg/kg dry	22.9	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**53.8**		mg/kg dry	0.459	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**25800**		mg/kg dry	4.59	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**881**		mg/kg dry	0.459	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**35.8**		mg/kg dry	0.914	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2260**		mg/kg dry	4.59	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.463	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**295**		mg/kg dry	45.9	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.29	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**74.1**		mg/kg dry	0.914	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**75.7**		mg/kg dry	2.29	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:03	CW
							Certifications:	CTDOH-PH-0723,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**	**0.104**		mg/kg dry	0.0330	1	EPA 7473	01/11/2023 08:55	01/11/2023 13:07	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: 23SB-6(2-4) **York Sample ID:** 23A0435-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:05 pm	01/10/2023

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.551	1	EPA 7196A	01/17/2023 14:22	01/17/2023 21:10	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent **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
16065-83-1	*** Chromium, Trivalent**	**94.0**		mg/kg	0.500	1	Calculation	01/18/2023 08:57	01/18/2023 16:54	PAM
							Certifications:			

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**	**90.8**		%	0.100	1	SM 2540G	01/11/2023 07:44	01/11/2023 15:50	sgs
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: 23SB-6(4-5) **York Sample ID:** 23A0435-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:10 pm	01/10/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:** VOA-Re

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	0.0028	0.0057	1	EPA 8260C	01/12/2023 09:00	01/12/2023 13:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/12/2023 09:00	01/12/2023 13:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/12/2023 09:00	01/12/2023 13:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/12/2023 09:00	01/12/2023 13:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/12/2023 09:00	01/12/2023 13:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/12/2023 09:00	01/12/2023 13:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C	01/12/2023 09:00	01/12/2023 13:26	FTR
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: 23SB-6(4-5)

York Sample ID: 23A0435-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:10 pm	01/10/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes: VOA-Re

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
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	**2-Butanone**	**0.0053**	J	mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
67-64-1	**Acetone**	**0.024**		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	FTR
107-02-8	Acrolein	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: 23SB-6(4-5) **York Sample ID:** 23A0435-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:10 pm	01/10/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:** VOA-Re

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	**Methylene chloride**	**0.015**		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00	01/12/2023 13:26	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP

Sample Information

Client Sample ID: 23SB-6(4-5) **York Sample ID:** 23A0435-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:10 pm	01/10/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes: VOA-Re

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
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/12/2023 13:26	FTR
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 13:26	FTR
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 13:26	FTR
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 13:26	FTR
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/12/2023 13:26	FTR
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 13:26	FTR
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 13:26	FTR
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 13:26	FTR
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 13:26	FTR
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 13:26	FTR
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 13:26	FTR
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 13:26	FTR
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/12/2023 13:26	FTR
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260C Certifications:	01/12/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/12/2023 13:26	FTR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*84.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.6 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.3 %*	*76-130*

SVOA, 8270 MASTER

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	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH

Sample Information

Client Sample ID: 23SB-6(4-5) **York Sample ID:** 23A0435-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:10 pm	01/10/2023

SVOA, 8270 MASTER

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
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,PADEP	01/13/2023 19:33	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,PADEP	01/13/2023 19:33	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,PADEP	01/13/2023 19:33	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH

Sample Information

Client Sample ID: 23SB-6(4-5) **York Sample ID:** 23A0435-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:10 pm	01/10/2023

SVOA, 8270 MASTER

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
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.190	0.379	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.190	0.379	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.168**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.165**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.148**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.107**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.132**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12	01/13/2023 19:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: 23SB-6(4-5) **York Sample ID:** 23A0435-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:10 pm	01/10/2023

SVOA, 8270 MASTER

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
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
218-01-9	**Chrysene**	**0.168**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
206-44-0	**Fluoranthene**	**0.309**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.114**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications:	01/12/2023 08:12 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 19:33	KH

Sample Information

Client Sample ID: 23SB-6(4-5) **York Sample ID:** 23A0435-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:10 pm	01/10/2023

SVOA, 8270 MASTER

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
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 08:12	01/13/2023 19:33	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 08:12	01/13/2023 19:33	KH
85-01-8	**Phenanthrene**	**0.107**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 08:12	01/13/2023 19:33	KH
108-95-2	Phenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 08:12	01/13/2023 19:33	KH
129-00-0	**Pyrene**	**0.280**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/12/2023 08:12	01/13/2023 19:33	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*44.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*70.5 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*38.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.9 %*	*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	01/12/2023 08:22	01/13/2023 13:10	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*51.4 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

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	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ

Sample Information

Client Sample ID: 23SB-6(4-5)

York Sample ID: 23A0435-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:10 pm	01/10/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**0.572**		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.454	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.907	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.907	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.907	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.454	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.454	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.454	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.454	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.907	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ

Sample Information

Client Sample ID: 23SB-6(4-5) **York Sample ID:** 23A0435-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:10 pm	01/10/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.907	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.907	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.907	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.907	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.13	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.67	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.67	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.27	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.27	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.227	1	EPA 1633 Draft 2 Certifications:	01/10/2023 15:00	01/16/2023 22:44	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*95.9 %*	*25-150*
Surrogate: M5PFHxA	*96.7 %*	*25-150*
Surrogate: M4PFHpA	*90.0 %*	*25-150*
Surrogate: M3PFHxS	*97.5 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*83.6 %*	*25-150*
Surrogate: M6PFDA	*85.4 %*	*25-150*
Surrogate: M7PFUdA	*71.0 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*64.2 %*	*25-150*
Surrogate: M2PFTeDA	*50.3 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*101 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*83.3 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*103 %*	*25-150*

Sample Information

Client Sample ID: 23SB-6(4-5) **York Sample ID:** 23A0435-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:10 pm	01/10/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

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)	*16.0 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*53.3 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*53.2 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*79.6 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*70.8 %*		*25-200*						
	Surrogate: M9PFNA	*94.7 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*69.9 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*15.0 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*60.2 %*		*25-150*						
	Surrogate: M3HFPO-DA	*91.9 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*17.5 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*17.1 %*		*25-150*						

PEST, 8081 MASTER

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	0.00187	5	EPA 8081B Certifications:	01/11/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:33	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	01/11/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:33	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	01/11/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:33	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	01/11/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:33	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	01/11/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:33	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	01/11/2023 08:22 NELAC-NY10854,NJDEP	01/16/2023 23:33	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	01/11/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:33	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	01/11/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:33	BJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	01/11/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:33	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	01/11/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:33	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	01/11/2023 08:22 CTDOH-PH-0723,NELAC-NY10854	01/16/2023 23:33	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	01/11/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:33	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	01/11/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:33	BJ

Sample Information

Client Sample ID: 23SB-6(4-5) **York Sample ID:** 23A0435-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:10 pm	01/10/2023

PEST, 8081 MASTER

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
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	01/11/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:33	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	01/11/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:33	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	01/11/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:33	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	01/11/2023 08:22 NELAC-NY10854,NJDEP	01/16/2023 23:33	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	01/11/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:33	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	01/11/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:33	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications:	01/11/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:33	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.187	5	EPA 8081B Certifications:	01/11/2023 08:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 23:33	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0375	5	EPA 8081B Certifications:	01/11/2023 08:22	01/16/2023 23:33	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*33.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.3 %*	*30-150*

PCB, 8082 MASTER

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	0.0189	1	EPA 8082A Certifications:	01/11/2023 08:22 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/12/2023 17:35	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	01/11/2023 08:22 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/12/2023 17:35	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	01/11/2023 08:22 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/12/2023 17:35	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	01/11/2023 08:22 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/12/2023 17:35	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	01/11/2023 08:22 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/12/2023 17:35	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	01/11/2023 08:22 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/12/2023 17:35	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	01/11/2023 08:22 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/12/2023 17:35	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	01/11/2023 08:22	01/12/2023 17:35	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.5 %*	*30-120*

Sample Information

Client Sample ID: **23SB-6(4-5)** **York Sample ID:** **23A0435-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:10 pm	01/10/2023

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**	**9310**		mg/kg dry	4.74	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.37	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.58**		mg/kg dry	1.42	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**116**		mg/kg dry	2.37	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.773**		mg/kg dry	0.048	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.523**		mg/kg dry	0.285	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**68600**		mg/kg dry	4.75	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**20.9**		mg/kg dry	0.475	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.31**		mg/kg dry	0.379	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**34.8**		mg/kg dry	1.90	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14100**		mg/kg dry	23.7	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**55.0**		mg/kg dry	0.475	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**19800**		mg/kg dry	4.75	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**201**		mg/kg dry	0.475	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**15.5**		mg/kg dry	0.945	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2430**		mg/kg dry	4.75	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.37	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.478	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**285**		mg/kg dry	47.5	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.37	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**25.1**		mg/kg dry	0.945	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 23SB-6(4-5) **York Sample ID:** 23A0435-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0435	315 Grand Concourse Bronx, NY	Soil	January 10, 2023 12:10 pm	01/10/2023

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**67.3**		mg/kg dry	2.36	1	EPA 6010D	01/16/2023 14:11	01/17/2023 12:05	CW
							Certifications:	CTDOH-PH-0723,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**	**0.323**		mg/kg dry	0.0342	1	EPA 7473	01/11/2023 08:55	01/11/2023 13:16	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.569	1	EPA 7196A	01/17/2023 14:22	01/17/2023 21:10	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**20.9**		mg/kg	0.500	1	Calculation	01/18/2023 08:57	01/18/2023 16:54	PAM
							Certifications:			

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**	**87.8**		%	0.100	1	SM 2540G	01/11/2023 07:44	01/11/2023 15:50	sgs
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BA30361 **Preparation Method:** EPA 1633 Prep **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
23A0435-03	23SB-6(0-2)	01/10/23
23A0435-04	23SB-6(2-4)	01/10/23
23A0435-05	23SB-6(4-5)	01/10/23
BA30361-BLK1	Blank	01/10/23
BA30361-BS1	LCS	01/10/23
BA30361-BS2	LCS	01/10/23
BA30361-DUP1	Duplicate	01/10/23

Batch ID: BA30396 **Preparation Method:** EPA 1633 Prep **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
23A0435-01	Field Blank 011023	01/10/23
BA30396-BLK1	Blank	01/10/23
BA30396-BS1	LCS	01/10/23
BA30396-BS2	LCS	01/10/23

Batch ID: BA30451 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23A0435-03	23SB-6(0-2)	01/11/23
23A0435-04	23SB-6(2-4)	01/11/23
23A0435-05	23SB-6(4-5)	01/11/23
BA30451-DUP1	Duplicate	01/11/23

Batch ID: BA30453 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** AAL

YORK Sample ID	Client Sample ID	Preparation Date
23A0435-01	Field Blank 011023	01/11/23
23A0435-01	Field Blank 011023	01/11/23
BA30453-BLK1	Blank	01/11/23
BA30453-BLK2	Blank	01/11/23
BA30453-BS1	LCS	01/11/23
BA30453-BS2	LCS	01/11/23
BA30453-BSD1	LCS Dup	01/11/23
BA30453-BSD2	LCS Dup	01/11/23

Batch ID: BA30456 **Preparation Method:** EPA 3510C **Prepared By:** RST

YORK Sample ID	Client Sample ID	Preparation Date
23A0435-01	Field Blank 011023	01/11/23
BA30456-BLK1	Blank	01/11/23
BA30456-BLK2	Blank	01/11/23
BA30456-BS1	LCS	01/11/23

BA30456-BS2	LCS	01/11/23
BA30456-BSD1	LCS Dup	01/11/23

Batch ID: BA30461 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23A0435-01	Field Blank 011023	01/11/23
BA30461-BLK1	Blank	01/11/23
BA30461-BS1	LCS	01/11/23
BA30461-DUP1	Duplicate	01/11/23
BA30461-MS1	Matrix Spike	01/11/23

Batch ID: BA30462 **Preparation Method:** EPA 3550C **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
23A0435-05	23SB-6(4-5)	01/11/23
23A0435-05	23SB-6(4-5)	01/11/23
BA30462-BLK1	Blank	01/11/23
BA30462-BLK2	Blank	01/11/23
BA30462-BS1	LCS	01/11/23
BA30462-BS2	LCS	01/11/23
BA30462-MS2	Matrix Spike	01/11/23
BA30462-MSD2	Matrix Spike Dup	01/11/23

Batch ID: BA30472 **Preparation Method:** EPA 3535A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23A0435-01	Field Blank 011023	01/11/23
BA30472-BLK1	Blank	01/11/23
BA30472-BS1	LCS	01/11/23
BA30472-MS1	Matrix Spike	01/11/23
BA30472-MSD1	Matrix Spike Dup	01/11/23

Batch ID: BA30474 **Preparation Method:** EPA 7473 soil **Prepared By:** MR

YORK Sample ID	Client Sample ID	Preparation Date
23A0435-03	23SB-6(0-2)	01/11/23
23A0435-04	23SB-6(2-4)	01/11/23
23A0435-05	23SB-6(4-5)	01/11/23
BA30474-BLK1	Blank	01/11/23
BA30474-DUP1	Duplicate	01/11/23
BA30474-MS1	Matrix Spike	01/11/23
BA30474-SRM1	Reference	01/11/23

Batch ID: BA30484 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
23A0435-03	23SB-6(0-2)	01/11/23

BA30484-BLK1	Blank	01/11/23
BA30484-BLK2	Blank	01/11/23
BA30484-BS1	LCS	01/11/23
BA30484-BSD1	LCS Dup	01/11/23

Batch ID: BA30533 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23A0435-03	23SB-6(0-2)	01/12/23
23A0435-03	23SB-6(0-2)	01/12/23
23A0435-04	23SB-6(2-4)	01/12/23
23A0435-04	23SB-6(2-4)	01/12/23
BA30533-BLK1	Blank	01/12/23
BA30533-BLK2	Blank	01/12/23
BA30533-BS1	LCS	01/12/23
BA30533-BS2	LCS	01/12/23
BA30533-MS2	Matrix Spike	01/12/23
BA30533-MSD2	Matrix Spike Dup	01/12/23

Batch ID: BA30536 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23A0435-03	23SB-6(0-2)	01/12/23
23A0435-04	23SB-6(2-4)	01/12/23
23A0435-05	23SB-6(4-5)	01/12/23
BA30536-BLK1	Blank	01/12/23
BA30536-BS1	LCS	01/12/23
BA30536-MS1	Matrix Spike	01/12/23
BA30536-MSD1	Matrix Spike Dup	01/12/23

Batch ID: BA30542 **Preparation Method:** EPA 3550C **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
23A0435-03	23SB-6(0-2)	01/12/23
23A0435-04	23SB-6(2-4)	01/12/23
23A0435-05	23SB-6(4-5)	01/12/23
BA30542-BLK1	Blank	01/12/23
BA30542-BS1	LCS	01/12/23
BA30542-MS1	Matrix Spike	01/12/23
BA30542-MSD1	Matrix Spike Dup	01/12/23

Batch ID: BA30552 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
23A0435-04	23SB-6(2-4)	01/12/23
23A0435-05	23SB-6(4-5)	01/12/23
BA30552-BLK1	Blank	01/12/23
BA30552-BLK2	Blank	01/12/23
BA30552-BS1	LCS	01/12/23

BA30552-BSD1	LCS Dup	01/12/23

Batch ID: BA30557 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23A0435-01	Field Blank 011023	01/12/23
BA30557-BLK1	Blank	01/12/23
BA30557-BS1	LCS	01/12/23
BA30557-BSD1	LCS Dup	01/12/23

Batch ID: BA30626 **Preparation Method:** EPA SW846-7470A **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
23A0435-01	Field Blank 011023	01/13/23
BA30626-BLK1	Blank	01/13/23
BA30626-BLK2	Blank	01/13/23
BA30626-BS1	LCS	01/13/23
BA30626-BS2	LCS	01/13/23

Batch ID: BA30695 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23A0435-01	Field Blank 011023	01/16/23
BA30695-BLK1	Blank	01/16/23
BA30695-BS1	LCS	01/16/23
BA30695-DUP1	Duplicate	01/16/23
BA30695-MS1	Matrix Spike	01/16/23
BA30695-PS1	Post Spike	01/16/23

Batch ID: BA30733 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23A0435-03	23SB-6(0-2)	01/16/23
23A0435-04	23SB-6(2-4)	01/16/23
23A0435-05	23SB-6(4-5)	01/16/23
BA30733-BLK1	Blank	01/16/23
BA30733-DUP1	Duplicate	01/16/23
BA30733-MS1	Matrix Spike	01/16/23
BA30733-PS1	Post Spike	01/16/23
BA30733-SRM1	Reference	01/16/23

Batch ID: BA30822 **Preparation Method:** EPA SW846-3060 **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
23A0435-03	23SB-6(0-2)	01/17/23
23A0435-04	23SB-6(2-4)	01/17/23
23A0435-05	23SB-6(4-5)	01/17/23
BA30822-BLK1	Blank	01/17/23

BA30822-DUP1	Duplicate	01/17/23
BA30822-MS1	Matrix Spike	01/17/23
BA30822-SRM1	Reference	01/17/23

Batch ID: BA30870 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
23A0435-03	23SB-6(0-2)	01/18/23
23A0435-04	23SB-6(2-4)	01/18/23
23A0435-05	23SB-6(4-5)	01/18/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30484 - EPA 5035A											
Blank (BA30484-BLK1)											Prepared & Analyzed: 01/11/2023
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	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
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	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30484 - EPA 5035A											
Blank (BA30484-BLK1)									Prepared & Analyzed: 01/11/2023		
Methylene chloride	0.0055	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*100*	*76-130*				
Blank (BA30484-BLK2)									Prepared & Analyzed: 01/11/2023		
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	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	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	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30484 - EPA 5035A											
Blank (BA30484-BLK2)											Prepared & Analyzed: 01/11/2023
Bromochloromethane	ND	0.50	mg/kg wet								
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	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	0.57	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.1*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.1*		*"*	*50.0*		*98.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.3*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30484 - EPA 5035A											
LCS (BA30484-BS1)								Prepared & Analyzed: 01/11/2023			
1,1,1,2-Tetrachloroethane	52.6		ug/L	50.0		105	75-129				
1,1,1-Trichloroethane	51.4		"	50.0		103	71-137				
1,1,2,2-Tetrachloroethane	49.2		"	50.0		98.5	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.7		"	50.0		97.4	58-146				
1,1,2-Trichloroethane	48.1		"	50.0		96.2	83-123				
1,1-Dichloroethane	46.4		"	50.0		92.8	75-130				
1,1-Dichloroethylene	49.8		"	50.0		99.6	64-137				
1,2,3-Trichlorobenzene	47.3		"	50.0		94.7	81-140				
1,2,3-Trichloropropane	48.3		"	50.0		96.7	81-126				
1,2,4-Trichlorobenzene	48.8		"	50.0		97.6	80-141				
1,2,4-Trimethylbenzene	48.1		"	50.0		96.2	84-125				
1,2-Dibromo-3-chloropropane	52.3		"	50.0		105	74-142				
1,2-Dibromoethane	50.4		"	50.0		101	86-123				
1,2-Dichlorobenzene	48.2		"	50.0		96.4	85-122				
1,2-Dichloroethane	50.2		"	50.0		100	71-133				
1,2-Dichloropropane	48.0		"	50.0		96.0	81-122				
1,3,5-Trimethylbenzene	47.1		"	50.0		94.2	82-126				
1,3-Dichlorobenzene	47.8		"	50.0		95.5	84-124				
1,4-Dichlorobenzene	47.5		"	50.0		95.0	84-124				
1,4-Dioxane	1000		"	1050		95.6	10-228				
2-Butanone	49.3		"	50.0		98.6	58-147				
2-Hexanone	48.4		"	50.0		96.9	70-139				
4-Methyl-2-pentanone	47.7		"	50.0		95.5	72-132				
Acetone	38.4		"	50.0		76.9	36-155				
Acrolein	36.5		"	50.0		73.0	10-238				
Acrylonitrile	47.4		"	50.0		94.7	66-141				
Benzene	47.7		"	50.0		95.5	77-127				
Bromochloromethane	49.6		"	50.0		99.1	74-129				
Bromodichloromethane	52.0		"	50.0		104	81-124				
Bromoform	45.8		"	50.0		91.6	80-136				
Bromomethane	40.5		"	50.0		81.0	32-177				
Carbon disulfide	47.9		"	50.0		95.8	10-136				
Carbon tetrachloride	54.2		"	50.0		108	66-143				
Chlorobenzene	50.9		"	50.0		102	86-120				
Chloroethane	44.0		"	50.0		88.1	51-142				
Chloroform	49.7		"	50.0		99.4	76-131				
Chloromethane	25.2		"	50.0		50.4	49-132				
cis-1,2-Dichloroethylene	47.5		"	50.0		95.1	74-132				
cis-1,3-Dichloropropylene	49.6		"	50.0		99.3	81-129				
Cyclohexane	49.8		"	50.0		99.6	70-130				
Dibromochloromethane	45.8		"	50.0		91.6	10-200				
Dibromomethane	48.5		"	50.0		97.1	83-124				
Dichlorodifluoromethane	11.3		"	50.0		22.5	28-158	Low Bias			
Ethyl Benzene	48.1		"	50.0		96.2	84-125				
Hexachlorobutadiene	46.6		"	50.0		93.3	83-133				
Isopropylbenzene	47.9		"	50.0		95.8	81-127				
Methyl acetate	46.2		"	50.0		92.4	41-143				
Methyl tert-butyl ether (MTBE)	46.9		"	50.0		93.8	74-131				
Methylcyclohexane	44.6		"	50.0		89.2	70-130				
Methylene chloride	50.4		"	50.0		101	57-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30484 - EPA 5035A											
LCS (BA30484-BS1)							Prepared & Analyzed: 01/11/2023				
n-Butylbenzene	49.0		ug/L	50.0		98.0	80-130				
n-Propylbenzene	47.9		"	50.0		95.9	74-136				
o-Xylene	48.8		"	50.0		97.7	83-123				
p- & m- Xylenes	97.4		"	100		97.4	82-128				
p-Isopropyltoluene	47.6		"	50.0		95.2	85-125				
sec-Butylbenzene	48.0		"	50.0		95.9	83-125				
Styrene	50.3		"	50.0		101	86-126				
tert-Butyl alcohol (TBA)	257		"	250		103	70-130				
tert-Butylbenzene	43.2		"	50.0		86.5	80-127				
Tetrachloroethylene	39.5		"	50.0		79.1	80-129	Low Bias			
Toluene	47.3		"	50.0		94.7	85-121				
trans-1,2-Dichloroethylene	47.3		"	50.0		94.7	72-132				
trans-1,3-Dichloropropylene	43.4		"	50.0		86.7	78-132				
Trichloroethylene	48.1		"	50.0		96.2	84-123				
Trichlorofluoromethane	44.5		"	50.0		89.0	62-140				
Vinyl Chloride	33.8		"	50.0		67.5	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.3*	*76-130*				
LCS Dup (BA30484-BSD1)							Prepared & Analyzed: 01/11/2023				
1,1,1,2-Tetrachloroethane	52.3		ug/L	50.0		105	75-129		0.515	30	
1,1,1-Trichloroethane	51.8		"	50.0		104	71-137		0.756	30	
1,1,2,2-Tetrachloroethane	50.1		"	50.0		100	79-129		1.65	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.4		"	50.0		98.7	58-146		1.28	30	
1,1,2-Trichloroethane	48.2		"	50.0		96.3	83-123		0.145	30	
1,1-Dichloroethane	47.7		"	50.0		95.4	75-130		2.83	30	
1,1-Dichloroethylene	50.0		"	50.0		100	64-137		0.461	30	
1,2,3-Trichlorobenzene	48.5		"	50.0		96.9	81-140		2.38	30	
1,2,3-Trichloropropane	49.6		"	50.0		99.2	81-126		2.55	30	
1,2,4-Trichlorobenzene	49.3		"	50.0		98.7	80-141		1.04	30	
1,2,4-Trimethylbenzene	47.7		"	50.0		95.3	84-125		0.940	30	
1,2-Dibromo-3-chloropropane	50.4		"	50.0		101	74-142		3.68	30	
1,2-Dibromoethane	50.0		"	50.0		100	86-123		0.697	30	
1,2-Dichlorobenzene	48.5		"	50.0		97.0	85-122		0.558	30	
1,2-Dichloroethane	52.0		"	50.0		104	71-133		3.60	30	
1,2-Dichloropropane	47.5		"	50.0		94.9	81-122		1.17	30	
1,3,5-Trimethylbenzene	46.4		"	50.0		92.8	82-126		1.52	30	
1,3-Dichlorobenzene	47.7		"	50.0		95.5	84-124		0.0209	30	
1,4-Dichlorobenzene	47.3		"	50.0		94.6	84-124		0.443	30	
1,4-Dioxane	1090		"	1050		104	10-228		8.32	30	
2-Butanone	49.2		"	50.0		98.4	58-147		0.203	30	
2-Hexanone	48.4		"	50.0		96.8	70-139		0.0413	30	
4-Methyl-2-pentanone	47.9		"	50.0		95.8	72-132		0.314	30	
Acetone	40.3		"	50.0		80.5	36-155		4.63	30	
Acrolein	37.7		"	50.0		75.4	10-238		3.23	30	
Acrylonitrile	50.2		"	50.0		100	66-141		5.74	30	
Benzene	48.5		"	50.0		97.1	77-127		1.68	30	
Bromochloromethane	49.2		"	50.0		98.5	74-129		0.627	30	
Bromodichloromethane	51.6		"	50.0		103	81-124		0.637	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30484 - EPA 5035A											
LCS Dup (BA30484-BSD1)								Prepared & Analyzed: 01/11/2023			
Bromoform	45.8		ug/L	50.0		91.5	80-136		0.0437	30	
Bromomethane	40.4		"	50.0		80.9	32-177		0.173	30	
Carbon disulfide	50.6		"	50.0		101	10-136		5.52	30	
Carbon tetrachloride	54.6		"	50.0		109	66-143		0.753	30	
Chlorobenzene	50.5		"	50.0		101	86-120		0.828	30	
Chloroethane	43.9		"	50.0		87.9	51-142		0.227	30	
Chloroform	50.9		"	50.0		102	76-131		2.37	30	
Chloromethane	25.5		"	50.0		51.0	49-132		1.22	30	
cis-1,2-Dichloroethylene	49.4		"	50.0		98.9	74-132		3.92	30	
cis-1,3-Dichloropropylene	49.1		"	50.0		98.3	81-129		1.03	30	
Cyclohexane	51.1		"	50.0		102	70-130		2.48	30	
Dibromochloromethane	46.3		"	50.0		92.5	10-200		0.999	30	
Dibromomethane	49.0		"	50.0		98.0	83-124		0.923	30	
Dichlorodifluoromethane	10.9		"	50.0		21.8	28-158	Low Bias	3.07	30	
Ethyl Benzene	47.7		"	50.0		95.3	84-125		0.919	30	
Hexachlorobutadiene	46.0		"	50.0		92.0	83-133		1.36	30	
Isopropylbenzene	47.2		"	50.0		94.5	81-127		1.37	30	
Methyl acetate	50.7		"	50.0		101	41-143		9.31	30	
Methyl tert-butyl ether (MTBE)	49.3		"	50.0		98.6	74-131		5.03	30	
Methylcyclohexane	43.4		"	50.0		86.8	70-130		2.66	30	
Methylene chloride	52.1		"	50.0		104	57-141		3.18	30	
n-Butylbenzene	47.8		"	50.0		95.7	80-130		2.35	30	
n-Propylbenzene	47.3		"	50.0		94.6	74-136		1.30	30	
o-Xylene	48.5		"	50.0		97.0	83-123		0.699	30	
p- & m- Xylenes	96.4		"	100		96.4	82-128		1.03	30	
p-Isopropyltoluene	46.8		"	50.0		93.7	85-125		1.59	30	
sec-Butylbenzene	47.2		"	50.0		94.5	83-125		1.49	30	
Styrene	50.1		"	50.0		100	86-126		0.538	30	
tert-Butyl alcohol (TBA)	272		"	250		109	70-130		5.62	30	
tert-Butylbenzene	42.5		"	50.0		84.9	80-127		1.82	30	
Tetrachloroethylene	38.9		"	50.0		77.8	80-129	Low Bias	1.68	30	
Toluene	46.6		"	50.0		93.2	85-121		1.53	30	
trans-1,2-Dichloroethylene	48.4		"	50.0		96.7	72-132		2.15	30	
trans-1,3-Dichloropropylene	43.3		"	50.0		86.7	78-132		0.0692	30	
Trichloroethylene	46.3		"	50.0		92.6	84-123		3.84	30	
Trichlorofluoromethane	44.1		"	50.0		88.2	62-140		0.948	30	
Vinyl Chloride	33.9		"	50.0		67.8	52-130		0.443	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.9*		*"*	*50.0*		*106*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.9*		*"*	*50.0*		*97.8*	*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. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30552 - EPA 5035A											
Blank (BA30552-BLK1)											Prepared & Analyzed: 01/12/2023
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	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	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	"								
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	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	0.0062	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30552 - EPA 5035A											
Blank (BA30552-BLK1)									Prepared & Analyzed: 01/12/2023		
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*42.5*		*ug/L*	*50.0*		*85.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.7*		*"*	*50.0*		*95.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.3*		*"*	*50.0*		*94.5*	*76-130*				
Blank (BA30552-BLK2)									Prepared & Analyzed: 01/12/2023		
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	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	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	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	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	"								
Bromochloromethane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30552 - EPA 5035A											
Blank (BA30552-BLK2)											Prepared & Analyzed: 01/12/2023
Bromodichloromethane	ND	0.50	mg/kg wet								
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	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	0.62	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*41.9*		*ug/L*	*50.0*		*83.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.2*		*"*	*50.0*		*94.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.9*		*"*	*50.0*		*93.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30552 - EPA 5035A											
LCS (BA30552-BS1)								Prepared & Analyzed: 01/12/2023			
1,1,1,2-Tetrachloroethane	44.2		ug/L	50.0		88.3	75-129				
1,1,1-Trichloroethane	44.1		"	50.0		88.3	71-137				
1,1,2,2-Tetrachloroethane	47.5		"	50.0		94.9	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.2		"	50.0		92.4	58-146				
1,1,2-Trichloroethane	45.7		"	50.0		91.4	83-123				
1,1-Dichloroethane	48.6		"	50.0		97.2	75-130				
1,1-Dichloroethylene	44.4		"	50.0		88.8	64-137				
1,2,3-Trichlorobenzene	47.1		"	50.0		94.1	81-140				
1,2,3-Trichloropropane	42.9		"	50.0		85.8	81-126				
1,2,4-Trichlorobenzene	49.6		"	50.0		99.3	80-141				
1,2,4-Trimethylbenzene	44.7		"	50.0		89.4	84-125				
1,2-Dibromo-3-chloropropane	37.8		"	50.0		75.7	74-142				
1,2-Dibromoethane	46.3		"	50.0		92.5	86-123				
1,2-Dichlorobenzene	47.1		"	50.0		94.1	85-122				
1,2-Dichloroethane	42.2		"	50.0		84.5	71-133				
1,2-Dichloropropane	48.2		"	50.0		96.5	81-122				
1,3,5-Trimethylbenzene	43.2		"	50.0		86.5	82-126				
1,3-Dichlorobenzene	47.4		"	50.0		94.8	84-124				
1,4-Dichlorobenzene	47.3		"	50.0		94.6	84-124				
1,4-Dioxane	1010		"	1050		95.8	10-228				
2-Butanone	49.6		"	50.0		99.2	58-147				
2-Hexanone	44.0		"	50.0		88.1	70-139				
4-Methyl-2-pentanone	45.0		"	50.0		90.0	72-132				
Acetone	33.4		"	50.0		66.7	36-155				
Acrolein	30.3		"	50.0		60.6	10-238				
Acrylonitrile	56.8		"	50.0		114	66-141				
Benzene	52.4		"	50.0		105	77-127				
Bromochloromethane	49.5		"	50.0		98.9	74-129				
Bromodichloromethane	41.4		"	50.0		82.8	81-124				
Bromoform	36.1		"	50.0		72.1	80-136	Low Bias			
Bromomethane	39.9		"	50.0		79.7	32-177				
Carbon disulfide	53.0		"	50.0		106	10-136				
Carbon tetrachloride	42.4		"	50.0		84.9	66-143				
Chlorobenzene	49.5		"	50.0		99.1	86-120				
Chloroethane	46.0		"	50.0		92.0	51-142				
Chloroform	46.5		"	50.0		93.0	76-131				
Chloromethane	27.3		"	50.0		54.6	49-132				
cis-1,2-Dichloroethylene	47.9		"	50.0		95.8	74-132				
cis-1,3-Dichloropropylene	45.6		"	50.0		91.3	81-129				
Cyclohexane	56.2		"	50.0		112	70-130				
Dibromochloromethane	37.0		"	50.0		74.0	10-200				
Dibromomethane	43.0		"	50.0		86.0	83-124				
Dichlorodifluoromethane	11.0		"	50.0		22.0	28-158	Low Bias			
Ethyl Benzene	44.1		"	50.0		88.2	84-125				
Hexachlorobutadiene	44.1		"	50.0		88.2	83-133				
Isopropylbenzene	45.3		"	50.0		90.6	81-127				
Methyl acetate	54.5		"	50.0		109	41-143				
Methyl tert-butyl ether (MTBE)	49.7		"	50.0		99.5	74-131				
Methylcyclohexane	44.4		"	50.0		88.9	70-130				
Methylene chloride	57.2		"	50.0		114	57-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30552 - EPA 5035A											
LCS (BA30552-BS1)								Prepared & Analyzed: 01/12/2023			
n-Butylbenzene	43.1		ug/L	50.0		86.2	80-130				
n-Propylbenzene	44.6		"	50.0		89.3	74-136				
o-Xylene	44.0		"	50.0		87.9	83-123				
p- & m- Xylenes	87.6		"	100		87.6	82-128				
p-Isopropyltoluene	44.9		"	50.0		89.9	85-125				
sec-Butylbenzene	45.1		"	50.0		90.2	83-125				
Styrene	48.7		"	50.0		97.4	86-126				
tert-Butyl alcohol (TBA)	265		"	250		106	70-130				
tert-Butylbenzene	41.0		"	50.0		82.0	80-127				
Tetrachloroethylene	39.9		"	50.0		79.9	80-129	Low Bias			
Toluene	45.9		"	50.0		91.8	85-121				
trans-1,2-Dichloroethylene	48.9		"	50.0		97.8	72-132				
trans-1,3-Dichloropropylene	36.4		"	50.0		72.8	78-132	Low Bias			
Trichloroethylene	43.9		"	50.0		87.8	84-123				
Trichlorofluoromethane	37.0		"	50.0		74.0	62-140				
Vinyl Chloride	35.6		"	50.0		71.1	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*42.0*		*"*	*50.0*		*84.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.5*		*"*	*50.0*		*95.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.0*		*"*	*50.0*		*93.9*	*76-130*				
LCS Dup (BA30552-BSD1)								Prepared & Analyzed: 01/12/2023			
1,1,1,2-Tetrachloroethane	45.0		ug/L	50.0		90.0	75-129		1.93	30	
1,1,1-Trichloroethane	45.5		"	50.0		91.0	71-137		3.01	30	
1,1,2,2-Tetrachloroethane	48.2		"	50.0		96.4	79-129		1.48	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.0		"	50.0		94.0	58-146		1.70	30	
1,1,2-Trichloroethane	46.9		"	50.0		93.8	83-123		2.64	30	
1,1-Dichloroethane	49.3		"	50.0		98.6	75-130		1.41	30	
1,1-Dichloroethylene	44.3		"	50.0		88.6	64-137		0.135	30	
1,2,3-Trichlorobenzene	48.4		"	50.0		96.9	81-140		2.89	30	
1,2,3-Trichloropropane	42.7		"	50.0		85.4	81-126		0.491	30	
1,2,4-Trichlorobenzene	50.7		"	50.0		101	80-141		2.11	30	
1,2,4-Trimethylbenzene	45.8		"	50.0		91.7	84-125		2.52	30	
1,2-Dibromo-3-chloropropane	38.5		"	50.0		77.1	74-142		1.86	30	
1,2-Dibromoethane	47.3		"	50.0		94.6	86-123		2.24	30	
1,2-Dichlorobenzene	48.0		"	50.0		96.0	85-122		1.96	30	
1,2-Dichloroethane	43.1		"	50.0		86.3	71-133		2.13	30	
1,2-Dichloropropane	50.4		"	50.0		101	81-122		4.32	30	
1,3,5-Trimethylbenzene	44.4		"	50.0		88.7	82-126		2.56	30	
1,3-Dichlorobenzene	49.0		"	50.0		97.9	84-124		3.22	30	
1,4-Dichlorobenzene	48.3		"	50.0		96.5	84-124		2.03	30	
1,4-Dioxane	1060		"	1050		101	10-228		5.62	30	
2-Butanone	54.0		"	50.0		108	58-147		8.61	30	
2-Hexanone	45.8		"	50.0		91.5	70-139		3.83	30	
4-Methyl-2-pentanone	44.9		"	50.0		89.7	72-132		0.289	30	
Acetone	32.2		"	50.0		64.3	36-155		3.72	30	
Acrolein	26.5		"	50.0		53.1	10-238		13.2	30	
Acrylonitrile	58.2		"	50.0		116	66-141		2.45	30	
Benzene	53.7		"	50.0		107	77-127		2.45	30	
Bromochloromethane	52.0		"	50.0		104	74-129		5.04	30	
Bromodichloromethane	42.4		"	50.0		84.8	81-124		2.34	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30552 - EPA 5035A											
LCS Dup (BA30552-BSD1)								Prepared & Analyzed: 01/12/2023			
Bromoform	36.0		ug/L	50.0		72.0	80-136	Low Bias	0.250	30	
Bromomethane	40.4		"	50.0		80.8	32-177		1.40	30	
Carbon disulfide	52.6		"	50.0		105	10-136		0.701	30	
Carbon tetrachloride	43.4		"	50.0		86.9	66-143		2.33	30	
Chlorobenzene	50.5		"	50.0		101	86-120		1.92	30	
Chloroethane	47.1		"	50.0		94.2	51-142		2.32	30	
Chloroform	47.8		"	50.0		95.6	76-131		2.69	30	
Chloromethane	27.0		"	50.0		54.0	49-132		1.14	30	
cis-1,2-Dichloroethylene	48.2		"	50.0		96.5	74-132		0.728	30	
cis-1,3-Dichloropropylene	46.4		"	50.0		92.9	81-129		1.69	30	
Cyclohexane	58.1		"	50.0		116	70-130		3.31	30	
Dibromochloromethane	37.9		"	50.0		75.7	10-200		2.38	30	
Dibromomethane	44.9		"	50.0		89.8	83-124		4.23	30	
Dichlorodifluoromethane	10.9		"	50.0		21.9	28-158	Low Bias	0.547	30	
Ethyl Benzene	45.6		"	50.0		91.1	84-125		3.23	30	
Hexachlorobutadiene	45.7		"	50.0		91.3	83-133		3.48	30	
Isopropylbenzene	46.5		"	50.0		93.0	81-127		2.64	30	
Methyl acetate	55.9		"	50.0		112	41-143		2.46	30	
Methyl tert-butyl ether (MTBE)	50.4		"	50.0		101	74-131		1.24	30	
Methylcyclohexane	46.0		"	50.0		91.9	70-130		3.36	30	
Methylene chloride	57.9		"	50.0		116	57-141		1.25	30	
n-Butylbenzene	44.4		"	50.0		88.8	80-130		2.93	30	
n-Propylbenzene	45.7		"	50.0		91.3	74-136		2.28	30	
o-Xylene	45.2		"	50.0		90.5	83-123		2.89	30	
p- & m- Xylenes	89.8		"	100		89.8	82-128		2.51	30	
p-Isopropyltoluene	45.8		"	50.0		91.6	85-125		1.96	30	
sec-Butylbenzene	46.4		"	50.0		92.7	83-125		2.76	30	
Styrene	50.1		"	50.0		100	86-126		2.85	30	
tert-Butyl alcohol (TBA)	262		"	250		105	70-130		1.24	30	
tert-Butylbenzene	41.8		"	50.0		83.6	80-127		1.93	30	
Tetrachloroethylene	40.9		"	50.0		81.8	80-129		2.42	30	
Toluene	47.2		"	50.0		94.4	85-121		2.81	30	
trans-1,2-Dichloroethylene	49.8		"	50.0		99.6	72-132		1.84	30	
trans-1,3-Dichloropropylene	37.5		"	50.0		75.0	78-132	Low Bias	2.87	30	
Trichloroethylene	45.4		"	50.0		90.9	84-123		3.38	30	
Trichlorofluoromethane	37.8		"	50.0		75.6	62-140		2.16	30	
Vinyl Chloride	35.8		"	50.0		71.7	52-130		0.756	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*42.3*		*"*	*50.0*		*84.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*95.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.9*		*"*	*50.0*		*93.8*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30557 - EPA 5030B											
Blank (BA30557-BLK1)											Prepared & Analyzed: 01/12/2023
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30557 - EPA 5030B											
Blank (BA30557-BLK1)									Prepared & Analyzed: 01/12/2023		
Methylene chloride	1.16	2.00	ug/L								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.83*		*"*	*10.0*		*98.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.61*		*"*	*10.0*		*96.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.93*		*"*	*10.0*		*99.3*	*79-122*				
LCS (BA30557-BS1)									Prepared & Analyzed: 01/12/2023		
1,1,1,2-Tetrachloroethane	9.23		ug/L	10.0		92.3	82-126				
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165				
1,1,2-Trichloroethane	9.43		"	10.0		94.3	82-123				
1,1-Dichloroethane	9.94		"	10.0		99.4	82-129				
1,1-Dichloroethylene	10.2		"	10.0		102	68-138				
1,2,3-Trichlorobenzene	7.77		"	10.0		77.7	76-136				
1,2,3-Trichloropropane	9.46		"	10.0		94.6	77-128				
1,2,4-Trichlorobenzene	8.42		"	10.0		84.2	76-137				
1,2,4-Trimethylbenzene	8.99		"	10.0		89.9	82-132				
1,2-Dibromo-3-chloropropane	9.06		"	10.0		90.6	45-147				
1,2-Dibromoethane	9.58		"	10.0		95.8	83-124				
1,2-Dichlorobenzene	9.08		"	10.0		90.8	79-123				
1,2-Dichloroethane	10.3		"	10.0		103	73-132				
1,2-Dichloropropane	9.74		"	10.0		97.4	78-126				
1,3,5-Trimethylbenzene	8.76		"	10.0		87.6	80-131				
1,3-Dichlorobenzene	9.00		"	10.0		90.0	86-122				
1,3-Dichloropropane	9.56		"	10.0		95.6	81-125				
1,4-Dichlorobenzene	8.92		"	10.0		89.2	85-124				
1,4-Dioxane	187		"	210		89.2	10-349				
2-Butanone	7.74		"	10.0		77.4	49-152				
2-Hexanone	7.92		"	10.0		79.2	51-146				
4-Methyl-2-pentanone	9.29		"	10.0		92.9	57-145				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30557 - EPA 5030B											
LCS (BA30557-BS1)								Prepared & Analyzed: 01/12/2023			
Acetone	5.35		ug/L	10.0		53.5	14-150				
Acrolein	7.26		"	10.0		72.6	10-153				
Acrylonitrile	10.8		"	10.0		108	51-150				
Benzene	10.5		"	10.0		105	85-126				
Bromochloromethane	10.6		"	10.0		106	77-128				
Bromodichloromethane	9.16		"	10.0		91.6	79-128				
Bromoform	9.04		"	10.0		90.4	78-133				
Bromomethane	5.36		"	10.0		53.6	43-168				
Carbon disulfide	9.74		"	10.0		97.4	68-146				
Carbon tetrachloride	10.0		"	10.0		100	77-141				
Chlorobenzene	9.93		"	10.0		99.3	88-120				
Chloroethane	11.2		"	10.0		112	65-136				
Chloroform	10.2		"	10.0		102	82-128				
Chloromethane	6.14		"	10.0		61.4	43-155				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129				
cis-1,3-Dichloropropylene	9.39		"	10.0		93.9	80-131				
Cyclohexane	9.71		"	10.0		97.1	63-149				
Dibromochloromethane	9.17		"	10.0		91.7	80-130				
Dibromomethane	9.58		"	10.0		95.8	72-134				
Dichlorodifluoromethane	3.28		"	10.0		32.8	44-144	Low Bias			
Ethyl Benzene	9.49		"	10.0		94.9	80-131				
Hexachlorobutadiene	8.28		"	10.0		82.8	67-146				
Isopropylbenzene	9.27		"	10.0		92.7	76-140				
Methyl acetate	9.94		"	10.0		99.4	51-139				
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	76-135				
Methylcyclohexane	9.00		"	10.0		90.0	72-143				
Methylene chloride	13.4		"	10.0		134	55-137				
Naphthalene	9.08		"	10.0		90.8	70-147				
n-Butylbenzene	9.46		"	10.0		94.6	79-132				
n-Propylbenzene	9.15		"	10.0		91.5	78-133				
o-Xylene	9.43		"	10.0		94.3	78-130				
p- & m- Xylenes	19.2		"	20.0		95.8	77-133				
p-Diethylbenzene	8.72		"	10.0		87.2	84-134				
p-Ethyltoluene	9.34		"	10.0		93.4	88-129				
p-Isopropyltoluene	8.69		"	10.0		86.9	81-136				
sec-Butylbenzene	8.92		"	10.0		89.2	79-137				
Styrene	9.79		"	10.0		97.9	67-132				
tert-Butyl alcohol (TBA)	49.2		"	50.0		98.5	25-162				
tert-Butylbenzene	8.85		"	10.0		88.5	77-138				
Tetrachloroethylene	5.16		"	10.0		51.6	82-131	Low Bias			
Toluene	9.52		"	10.0		95.2	80-127				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-132				
trans-1,3-Dichloropropylene	9.30		"	10.0		93.0	78-131				
Trichloroethylene	8.86		"	10.0		88.6	82-128				
Trichlorofluoromethane	11.2		"	20.0		56.0	67-139	Low Bias			
Vinyl Chloride	8.65		"	10.0		86.5	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.80*		*"*	*10.0*		*98.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.60*		*"*	*10.0*		*96.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.68*		*"*	*10.0*		*96.8*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

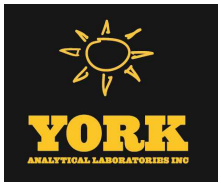
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30557 - EPA 5030B											
LCS Dup (BA30557-BSD1)							Prepared & Analyzed: 01/12/2023				
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126		8.70	30	
1,1,1-Trichloroethane	11.1		"	10.0		111	78-136		7.89	30	
1,1,2,2-Tetrachloroethane	11.7		"	10.0		117	76-129		10.6	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	54-165		8.33	30	
1,1,2-Trichloroethane	10.6		"	10.0		106	82-123		11.4	30	
1,1-Dichloroethane	10.9		"	10.0		109	82-129		9.30	30	
1,1-Dichloroethylene	10.8		"	10.0		108	68-138		5.82	30	
1,2,3-Trichlorobenzene	9.13		"	10.0		91.3	76-136		16.1	30	
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128		11.0	30	
1,2,4-Trichlorobenzene	9.49		"	10.0		94.9	76-137		11.9	30	
1,2,4-Trimethylbenzene	9.77		"	10.0		97.7	82-132		8.32	30	
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	45-147		13.6	30	
1,2-Dibromoethane	10.7		"	10.0		107	83-124		11.1	30	
1,2-Dichlorobenzene	9.94		"	10.0		99.4	79-123		9.04	30	
1,2-Dichloroethane	11.6		"	10.0		116	73-132		11.5	30	
1,2-Dichloropropane	10.6		"	10.0		106	78-126		8.27	30	
1,3,5-Trimethylbenzene	9.51		"	10.0		95.1	80-131		8.21	30	
1,3-Dichlorobenzene	9.75		"	10.0		97.5	86-122		8.00	30	
1,3-Dichloropropane	10.6		"	10.0		106	81-125		10.7	30	
1,4-Dichlorobenzene	9.71		"	10.0		97.1	85-124		8.48	30	
1,4-Dioxane	219		"	210		104	10-349		15.5	30	
2-Butanone	8.95		"	10.0		89.5	49-152		14.5	30	
2-Hexanone	9.00		"	10.0		90.0	51-146		12.8	30	
4-Methyl-2-pentanone	10.7		"	10.0		107	57-145		13.7	30	
Acetone	6.08		"	10.0		60.8	14-150		12.8	30	
Acrolein	8.37		"	10.0		83.7	10-153		14.2	30	
Acrylonitrile	12.5		"	10.0		125	51-150		14.9	30	
Benzene	11.4		"	10.0		114	85-126		8.38	30	
Bromochloromethane	11.7		"	10.0		117	77-128		9.57	30	
Bromodichloromethane	10.1		"	10.0		101	79-128		9.66	30	
Bromoform	10.4		"	10.0		104	78-133		13.6	30	
Bromomethane	6.11		"	10.0		61.1	43-168		13.1	30	
Carbon disulfide	10.2		"	10.0		102	68-146		5.01	30	
Carbon tetrachloride	10.8		"	10.0		108	77-141		7.03	30	
Chlorobenzene	10.8		"	10.0		108	88-120		8.85	30	
Chloroethane	12.0		"	10.0		120	65-136		7.25	30	
Chloroform	11.2		"	10.0		112	82-128		9.29	30	
Chloromethane	6.54		"	10.0		65.4	43-155		6.31	30	
cis-1,2-Dichloroethylene	11.1		"	10.0		111	83-129		8.27	30	
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131		8.47	30	
Cyclohexane	10.6		"	10.0		106	63-149		8.86	30	
Dibromochloromethane	10.3		"	10.0		103	80-130		11.3	30	
Dibromomethane	10.6		"	10.0		106	72-134		9.83	30	
Dichlorodifluoromethane	3.40		"	10.0		34.0	44-144	Low Bias	3.59	30	
Ethyl Benzene	10.3		"	10.0		103	80-131		8.57	30	
Hexachlorobutadiene	9.14		"	10.0		91.4	67-146		9.87	30	
Isopropylbenzene	10.0		"	10.0		100	76-140		7.58	30	
Methyl acetate	11.3		"	10.0		113	51-139		13.2	30	
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	76-135		12.5	30	
Methylcyclohexane	9.73		"	10.0		97.3	72-143		7.79	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30557 - EPA 5030B											
LCS Dup (BA30557-BSD1)								Prepared & Analyzed: 01/12/2023			
Methylene chloride	14.9		ug/L	10.0		149	55-137	High Bias	10.0	30	
Naphthalene	10.4		"	10.0		104	70-147		13.7	30	
n-Butylbenzene	10.6		"	10.0		106	79-132		11.0	30	
n-Propylbenzene	9.96		"	10.0		99.6	78-133		8.48	30	
o-Xylene	10.4		"	10.0		104	78-130		9.30	30	
p- & m- Xylenes	20.9		"	20.0		105	77-133		8.73	30	
p-Diethylbenzene	9.63		"	10.0		96.3	84-134		9.92	30	
p-Ethyltoluene	10.2		"	10.0		102	88-129		8.61	30	
p-Isopropyltoluene	9.65		"	10.0		96.5	81-136		10.5	30	
sec-Butylbenzene	9.82		"	10.0		98.2	79-137		9.61	30	
Styrene	10.7		"	10.0		107	67-132		8.88	30	
tert-Butyl alcohol (TBA)	58.0		"	50.0		116	25-162		16.3	30	
tert-Butylbenzene	9.71		"	10.0		97.1	77-138		9.27	30	
Tetrachloroethylene	5.54		"	10.0		55.4	82-131	Low Bias	7.10	30	
Toluene	10.3		"	10.0		103	80-127		7.97	30	
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-132		7.65	30	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	78-131		10.4	30	
Trichloroethylene	9.39		"	10.0		93.9	82-128		5.81	30	
Trichlorofluoromethane	12.0		"	20.0		60.2	67-139	Low Bias	7.22	30	
Vinyl Chloride	9.21		"	10.0		92.1	58-145		6.27	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.52*		*"*	*10.0*		*95.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.60*		*"*	*10.0*		*96.0*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30456 - EPA 3510C											
Blank (BA30456-BLK1)								Prepared: 01/11/2023 Analyzed: 01/12/2023			
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	*16.1*		*"*	*50.0*		*32.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*9.13*		*"*	*50.0*		*18.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*21.4*		*"*	*25.0*		*85.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.7*		*"*	*25.0*		*66.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*43.6*		*"*	*50.0*		*87.3*	*39.3-151*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30456 - EPA 3510C											
Blank (BA30456-BLK1)									Prepared: 01/11/2023 Analyzed: 01/12/2023		
Surrogate: SURR: Terphenyl-d14	*34.4*		*ug/L*	*25.0*		*137*	*30.7-106*				
Blank (BA30456-BLK2)									Prepared: 01/11/2023 Analyzed: 01/12/2023		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
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	"								
Bis(2-ethylhexyl)phthalate	0.720	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30456 - EPA 3510C											
LCS (BA30456-BS1)								Prepared: 01/11/2023 Analyzed: 01/12/2023			
1,1-Biphenyl	13.2	5.00	ug/L	25.0		52.8	33-95				
1,2,4,5-Tetrachlorobenzene	14.2	5.00	"	25.0		56.6	26-120				
2,3,4,6-Tetrachlorophenol	17.0	5.00	"	25.0		67.8	30-130				
2,4,5-Trichlorophenol	13.8	5.00	"	25.0		55.1	32-114				
2,4,6-Trichlorophenol	15.2	5.00	"	25.0		61.0	35-118				
2,4-Dichlorophenol	16.0	5.00	"	25.0		63.9	25-116				
2,4-Dimethylphenol	15.4	5.00	"	25.0		61.7	15-116				
2,4-Dinitrophenol	27.8	5.00	"	25.0		111	10-170				
2,4-Dinitrotoluene	34.7	5.00	"	25.0		139	41-128	High Bias			
2,6-Dinitrotoluene	30.9	5.00	"	25.0		123	45-116	High Bias			
2-Chloronaphthalene	14.5	5.00	"	25.0		58.1	33-112				
2-Chlorophenol	13.1	5.00	"	25.0		52.2	15-120				
2-Methylnaphthalene	15.6	5.00	"	25.0		62.6	24-118				
2-Methylphenol	11.6	5.00	"	25.0		46.6	10-110				
2-Nitroaniline	23.3	5.00	"	25.0		93.1	34-129				
2-Nitrophenol	22.4	5.00	"	25.0		89.8	28-118				
3- & 4-Methylphenols	9.03	5.00	"	25.0		36.1	10-107				
3,3-Dichlorobenzidine	12.9	5.00	"	25.0		51.6	15-187				
3-Nitroaniline	21.2	5.00	"	25.0		84.6	24-134				
4,6-Dinitro-2-methylphenol	42.6	5.00	"	25.0		171	10-153	High Bias			
4-Bromophenyl phenyl ether	16.1	5.00	"	25.0		64.4	34-120				
4-Chloro-3-methylphenol	16.1	5.00	"	25.0		64.2	20-120				
4-Chloroaniline	13.2	5.00	"	25.0		52.6	10-147				
4-Chlorophenyl phenyl ether	15.9	5.00	"	25.0		63.4	27-121				
4-Nitroaniline	22.2	5.00	"	25.0		88.8	13-134				
4-Nitrophenol	6.44	5.00	"	25.0		25.8	10-131				
Acetophenone	12.8	5.00	"	25.0		51.2	25-110				
Benzaldehyde	12.3	5.00	"	25.0		49.2	29-117				
Benzyl butyl phthalate	14.7	5.00	"	25.0		59.0	29-133				
Bis(2-chloroethoxy)methane	15.7	5.00	"	25.0		62.8	10-154				
Bis(2-chloroethyl)ether	26.1	5.00	"	25.0		105	17-125				
Bis(2-chloroisopropyl)ether	14.0	5.00	"	25.0		55.9	10-139				
Caprolactam	ND	5.00	"	25.0			10-137	Low Bias			
Carbazole	16.4	5.00	"	25.0		65.4	42-126				
Dibenzofuran	15.5	5.00	"	25.0		62.1	36-113				
Diethyl phthalate	15.4	5.00	"	25.0		61.6	38-115				
Dimethyl phthalate	15.7	5.00	"	25.0		62.9	38-129				
Di-n-butyl phthalate	15.3	5.00	"	25.0		61.3	31-120				
Di-n-octyl phthalate	15.8	5.00	"	25.0		63.1	21-149				
Hexachlorocyclopentadiene	8.76	10.0	"	25.0		35.0	10-130				
Isophorone	15.8	5.00	"	25.0		63.1	25-127				
N-nitroso-di-n-propylamine	13.4	5.00	"	25.0		53.6	26-122				
N-Nitrosodiphenylamine	17.6	5.00	"	25.0		70.3	23-149				
Phenol	6.13	5.00	"	25.0		24.5	10-110				
Pyridine	3.60	5.00	"	25.5		14.1	10-90				
Surrogate: SURR: 2-Fluorophenol	*14.9*		*"*	*50.0*		*29.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*9.50*		*"*	*50.0*		*19.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*19.2*		*"*	*25.0*		*76.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.1*		*"*	*25.0*		*60.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*40.7*		*"*	*50.0*		*81.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.2*		*"*	*25.0*		*68.6*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30456 - EPA 3510C											
LCS (BA30456-BS2)								Prepared: 01/11/2023 Analyzed: 01/12/2023			
Acenaphthene	0.490	0.0500	ug/L	1.00		49.0	25-116				
Acenaphthylene	0.510	0.0500	"	1.00		51.0	26-116				
Anthracene	0.480	0.0500	"	1.00		48.0	25-123				
Benzo(a)anthracene	0.540	0.0500	"	1.00		54.0	33-125				
Benzo(a)pyrene	0.440	0.0500	"	1.00		44.0	32-132				
Benzo(b)fluoranthene	0.540	0.0500	"	1.00		54.0	22-137				
Benzo(g,h,i)perylene	0.650	0.0500	"	1.00		65.0	10-138				
Benzo(k)fluoranthene	0.530	0.0500	"	1.00		53.0	20-137				
Bis(2-ethylhexyl)phthalate	1.08	0.500	"	1.00		108	10-189				
Chrysene	0.570	0.0500	"	1.00		57.0	32-124				
Dibenzo(a,h)anthracene	0.630	0.0500	"	1.00		63.0	16-133				
Fluoranthene	0.600	0.0500	"	1.00		60.0	32-121				
Fluorene	0.560	0.0500	"	1.00		56.0	28-118				
Hexachlorobenzene	0.660	0.0200	"	1.00		66.0	23-124				
Hexachlorobutadiene	0.540	0.500	"	1.00		54.0	15-123				
Hexachloroethane	2.50	0.500	"	1.00		250	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.640	0.0500	"	1.00		64.0	15-135				
Naphthalene	0.520	0.0500	"	1.00		52.0	18-120				
Nitrobenzene	0.620	0.250	"	1.00		62.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.680	0.250	"	1.00		68.0	10-156				
Phenanthrene	0.560	0.0500	"	1.00		56.0	24-127				
Pyrene	0.510	0.0500	"	1.00		51.0	31-132				
LCS Dup (BA30456-BSD1)								Prepared: 01/11/2023 Analyzed: 01/12/2023			
1,1-Biphenyl	15.4	5.00	ug/L	25.0		61.7	33-95		15.5	20	
1,2,4,5-Tetrachlorobenzene	15.7	5.00	"	25.0		62.9	26-120		10.6	20	
2,3,4,6-Tetrachlorophenol	14.7	5.00	"	25.0		58.8	30-130		14.3	20	
2,4,5-Trichlorophenol	15.1	5.00	"	25.0		60.2	32-114		8.88	20	
2,4,6-Trichlorophenol	16.7	5.00	"	25.0		66.6	35-118		8.90	20	
2,4-Dichlorophenol	17.8	5.00	"	25.0		71.1	25-116		10.7	20	
2,4-Dimethylphenol	17.4	5.00	"	25.0		69.4	15-116		11.8	20	
2,4-Dinitrophenol	31.6	5.00	"	25.0		126	10-170		12.8	20	
2,4-Dinitrotoluene	38.2	5.00	"	25.0		153	41-128	High Bias	9.66	20	
2,6-Dinitrotoluene	34.4	5.00	"	25.0		137	45-116	High Bias	10.7	20	
2-Chloronaphthalene	16.3	5.00	"	25.0		65.3	33-112		11.6	20	
2-Chlorophenol	14.6	5.00	"	25.0		58.2	15-120		10.8	20	
2-Methylnaphthalene	17.4	5.00	"	25.0		69.6	24-118		10.6	20	
2-Methylphenol	13.0	5.00	"	25.0		52.2	10-110		11.3	20	
2-Nitroaniline	26.2	5.00	"	25.0		105	34-129		11.7	20	
2-Nitrophenol	25.4	5.00	"	25.0		102	28-118		12.5	20	
3- & 4-Methylphenols	10.3	5.00	"	25.0		41.0	10-107		12.8	20	
3,3-Dichlorobenzidine	14.0	5.00	"	25.0		56.2	15-187		8.54	20	
3-Nitroaniline	23.1	5.00	"	25.0		92.6	24-134		8.99	20	
4,6-Dinitro-2-methylphenol	47.6	5.00	"	25.0		190	10-153	High Bias	11.0	20	
4-Bromophenyl phenyl ether	17.8	5.00	"	25.0		71.0	34-120		9.81	20	
4-Chloro-3-methylphenol	17.7	5.00	"	25.0		70.7	20-120		9.55	20	
4-Chloroaniline	14.7	5.00	"	25.0		58.8	10-147		11.1	20	
4-Chlorophenyl phenyl ether	17.5	5.00	"	25.0		69.9	27-121		9.72	20	
4-Nitroaniline	24.3	5.00	"	25.0		97.1	13-134		8.95	20	
4-Nitrophenol	6.51	5.00	"	25.0		26.0	10-131		1.08	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30456 - EPA 3510C											
LCS Dup (BA30456-BSD1)								Prepared: 01/11/2023 Analyzed: 01/12/2023			
Acetophenone	14.8	5.00	ug/L	25.0		59.1	25-110		14.2	20	
Benzaldehyde	14.5	5.00	"	25.0		58.2	29-117		16.7	20	
Benzyl butyl phthalate	15.8	5.00	"	25.0		63.3	29-133		7.13	20	
Bis(2-chloroethoxy)methane	17.5	5.00	"	25.0		69.9	10-154		10.7	20	
Bis(2-chloroethyl)ether	29.2	5.00	"	25.0		117	17-125		11.3	20	
Bis(2-chloroisopropyl)ether	15.7	5.00	"	25.0		62.9	10-139		11.7	20	
Caprolactam	ND	5.00	"	25.0			10-137	Low Bias		20	
Carbazole	18.1	5.00	"	25.0		72.6	42-126		10.3	20	
Dibenzofuran	17.0	5.00	"	25.0		68.2	36-113		9.34	20	
Diethyl phthalate	16.8	5.00	"	25.0		67.4	38-115		8.93	20	
Dimethyl phthalate	17.2	5.00	"	25.0		68.8	38-129		8.93	20	
Di-n-butyl phthalate	16.6	5.00	"	25.0		66.3	31-120		7.83	20	
Di-n-octyl phthalate	16.4	5.00	"	25.0		65.8	21-149		4.16	20	
Hexachlorocyclopentadiene	9.86	10.0	"	25.0		39.4	10-130		11.8	20	
Isophorone	17.7	5.00	"	25.0		70.8	25-127		11.5	20	
N-nitroso-di-n-propylamine	15.5	5.00	"	25.0		62.0	26-122		14.5	20	
N-Nitrosodiphenylamine	19.6	5.00	"	25.0		78.4	23-149		10.9	20	
Phenol	6.73	5.00	"	25.0		26.9	10-110		9.33	20	
Pyridine	3.96	5.00	"	25.5		15.5	10-90		9.52	20	
Surrogate: SURR: 2-Fluorophenol	*14.0*		*"*	*50.0*		*28.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*8.77*		*"*	*50.0*		*17.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.6*		*"*	*25.0*		*74.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.4*		*"*	*25.0*		*57.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*38.5*		*"*	*50.0*		*77.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.2*		*"*	*25.0*		*64.7*	*30.7-106*				
Batch BA30536 - EPA 3550C											
Blank (BA30536-BLK1)								Prepared: 01/12/2023 Analyzed: 01/13/2023			
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30536 - EPA 3550C											
Blank (BA30536-BLK1)											
Prepared: 01/12/2023 Analyzed: 01/13/2023											
3,3-Dichlorobenzidine	ND	0.0417	mg/kg wet								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	0.0213	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30536 - EPA 3550C											
Blank (BA30536-BLK1)											Prepared: 01/12/2023 Analyzed: 01/13/2023
Pentachlorophenol	ND	0.0417	mg/kg wet								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Surrogate: SURR: 2-Fluorophenol	*0.879*		*"*	*1.67*		*52.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.853*		*"*	*1.67*		*51.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.460*		*"*	*0.833*		*55.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.454*		*"*	*0.833*		*54.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.11*		*"*	*1.67*		*66.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.497*		*"*	*0.833*		*59.7*	*24-116*				
LCS (BA30536-BS1)											Prepared: 01/12/2023 Analyzed: 01/13/2023
1,1-Biphenyl	0.533	0.0417	mg/kg wet	0.833		64.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.572	0.0833	"	0.833		68.6	21-131				
1,2,4-Trichlorobenzene	0.559	0.0417	"	0.833		67.0	10-140				
1,2-Dichlorobenzene	0.493	0.0417	"	0.833		59.2	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.455	0.0417	"	0.833		54.6	17-137				
1,3-Dichlorobenzene	0.491	0.0417	"	0.833		58.9	33-110				
1,4-Dichlorobenzene	0.495	0.0417	"	0.833		59.4	32-104				
2,3,4,6-Tetrachlorophenol	0.627	0.0833	"	0.833		75.3	30-130				
2,4,5-Trichlorophenol	0.555	0.0417	"	0.833		66.6	27-118				
2,4,6-Trichlorophenol	0.562	0.0417	"	0.833		67.5	31-120				
2,4-Dichlorophenol	0.575	0.0417	"	0.833		69.0	20-127				
2,4-Dimethylphenol	0.575	0.0417	"	0.833		69.0	14-132				
2,4-Dinitrophenol	0.309	0.0833	"	0.833		37.1	10-171				
2,4-Dinitrotoluene	0.605	0.0417	"	0.833		72.6	34-131				
2,6-Dinitrotoluene	0.635	0.0417	"	0.833		76.2	31-128				
2-Chloronaphthalene	0.514	0.0417	"	0.833		61.6	31-117				
2-Chlorophenol	0.510	0.0417	"	0.833		61.2	33-113				
2-Methylnaphthalene	0.545	0.0417	"	0.833		65.4	12-138				
2-Methylphenol	0.523	0.0417	"	0.833		62.7	10-136				
2-Nitroaniline	0.575	0.0833	"	0.833		69.0	27-132				
2-Nitrophenol	0.633	0.0417	"	0.833		76.0	17-129				
3- & 4-Methylphenols	0.461	0.0417	"	0.833		55.3	29-103				
3,3-Dichlorobenzidine	0.459	0.0417	"	0.833		55.1	22-149				
3-Nitroaniline	0.521	0.0833	"	0.833		62.6	20-133				
4,6-Dinitro-2-methylphenol	0.722	0.0833	"	0.833		86.6	10-143				
4-Bromophenyl phenyl ether	0.526	0.0417	"	0.833		63.2	29-120				
4-Chloro-3-methylphenol	0.547	0.0417	"	0.833		65.6	24-129				
4-Chloroaniline	0.420	0.0417	"	0.833		50.4	10-132				
4-Chlorophenyl phenyl ether	0.525	0.0417	"	0.833		63.0	27-124				
4-Nitroaniline	0.533	0.0833	"	0.833		64.0	16-128				
4-Nitrophenol	0.562	0.0833	"	0.833		67.4	10-141				
Acenaphthene	0.514	0.0417	"	0.833		61.7	30-121				
Acenaphthylene	0.483	0.0417	"	0.833		57.9	30-115				
Acetophenone	0.515	0.0417	"	0.833		61.8	20-112				
Aniline	0.498	0.167	"	0.833		59.7	10-119				
Anthracene	0.548	0.0417	"	0.833		65.8	34-118				
Atrazine	0.580	0.0417	"	0.833		69.6	26-112				
Benzaldehyde	0.511	0.0417	"	0.833		61.4	21-100				
Benzo(a)anthracene	0.518	0.0417	"	0.833		62.1	32-122				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30536 - EPA 3550C											
LCS (BA30536-BS1)								Prepared: 01/12/2023 Analyzed: 01/13/2023			
Benzo(a)pyrene	0.480	0.0417	mg/kg wet	0.833		57.6	29-133				
Benzo(b)fluoranthene	0.531	0.0417	"	0.833		63.7	25-133				
Benzo(g,h,i)perylene	0.523	0.0417	"	0.833		62.8	10-143				
Benzo(k)fluoranthene	0.502	0.0417	"	0.833		60.3	25-128				
Benzoic acid	0.110	0.0417	"	0.833		13.2	10-140				
Benzyl alcohol	0.504	0.0417	"	0.833		60.4	30-115				
Benzyl butyl phthalate	0.518	0.0417	"	0.833		62.2	26-126				
Bis(2-chloroethoxy)methane	0.514	0.0417	"	0.833		61.6	19-132				
Bis(2-chloroethyl)ether	0.467	0.0417	"	0.833		56.0	19-125				
Bis(2-chloroisopropyl)ether	0.471	0.0417	"	0.833		56.6	20-135				
Bis(2-ethylhexyl)phthalate	0.548	0.0417	"	0.833		65.8	10-155				
Caprolactam	0.577	0.0833	"	0.833		69.2	10-127				
Carbazole	0.550	0.0417	"	0.833		66.0	35-123				
Chrysene	0.495	0.0417	"	0.833		59.4	32-123				
Dibenzo(a,h)anthracene	0.518	0.0417	"	0.833		62.2	10-136				
Dibenzofuran	0.520	0.0417	"	0.833		62.4	29-121				
Diethyl phthalate	0.514	0.0417	"	0.833		61.6	34-116				
Dimethyl phthalate	0.521	0.0417	"	0.833		62.5	35-124				
Di-n-butyl phthalate	0.521	0.0417	"	0.833		62.6	31-116				
Di-n-octyl phthalate	0.524	0.0417	"	0.833		62.9	26-136				
Fluoranthene	0.508	0.0417	"	0.833		61.0	33-122				
Fluorene	0.516	0.0417	"	0.833		61.9	29-123				
Hexachlorobenzene	0.504	0.0417	"	0.833		60.4	21-124				
Hexachlorobutadiene	0.560	0.0417	"	0.833		67.2	10-149				
Hexachlorocyclopentadiene	0.564	0.0417	"	0.833		67.6	10-129				
Hexachloroethane	0.499	0.0417	"	0.833		59.9	28-108				
Indeno(1,2,3-cd)pyrene	0.641	0.0417	"	0.833		76.9	10-135				
Isophorone	0.535	0.0417	"	0.833		64.2	20-132				
Naphthalene	0.542	0.0417	"	0.833		65.1	23-124				
Nitrobenzene	0.532	0.0417	"	0.833		63.8	13-132				
N-Nitrosodimethylamine	0.440	0.0417	"	0.833		52.8	11-129				
N-nitroso-di-n-propylamine	0.463	0.0417	"	0.833		55.6	24-119				
N-Nitrosodiphenylamine	0.584	0.0417	"	0.833		70.0	22-152				
Pentachlorophenol	0.583	0.0417	"	0.833		70.0	10-139				
Phenanthrene	0.528	0.0417	"	0.833		63.4	33-123				
Phenol	0.535	0.0417	"	0.833		64.2	23-115				
Pyrene	0.504	0.0417	"	0.833		60.5	24-130				
Surrogate: SURR: 2-Fluorophenol	*1.01*		"	*1.67*		*60.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.977*		"	*1.67*		*58.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.522*		"	*0.833*		*62.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.501*		"	*0.833*		*60.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.27*		"	*1.67*		*76.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.556*		"	*0.833*		*66.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30536 - EPA 3550C											
Matrix Spike (BA30536-MS1)	*Source sample: 23A0447-01 (Matrix Spike)							Prepared: 01/12/2023 Analyzed: 01/13/2023			
1,1-Biphenyl	0.739	0.0888	mg/kg dry	0.887	ND	83.4	10-130				
1,2,4,5-Tetrachlorobenzene	0.819	0.177	"	0.887	ND	92.4	10-133				
1,2,4-Trichlorobenzene	0.772	0.0888	"	0.887	ND	87.0	10-127				
1,2-Dichlorobenzene	0.683	0.0888	"	0.887	ND	77.0	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.739	0.0888	"	0.887	ND	83.4	10-144				
1,3-Dichlorobenzene	0.688	0.0888	"	0.887	ND	77.5	11-111				
1,4-Dichlorobenzene	0.693	0.0888	"	0.887	ND	78.2	10-106				
2,3,4,6-Tetrachlorophenol	0.815	0.177	"	0.887	ND	91.9	30-130				
2,4,5-Trichlorophenol	0.712	0.0888	"	0.887	ND	80.3	10-127				
2,4,6-Trichlorophenol	0.773	0.0888	"	0.887	ND	87.2	10-132				
2,4-Dichlorophenol	0.773	0.0888	"	0.887	ND	87.2	10-128				
2,4-Dimethylphenol	0.796	0.0888	"	0.887	ND	89.8	10-137				
2,4-Dinitrophenol	ND	0.177	"	0.887	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.813	0.0888	"	0.887	ND	91.7	16-135				
2,6-Dinitrotoluene	0.907	0.0888	"	0.887	ND	102	18-131				
2-Chloronaphthalene	0.719	0.0888	"	0.887	ND	81.0	10-129				
2-Chlorophenol	0.695	0.0888	"	0.887	ND	78.3	15-116				
2-Methylnaphthalene	0.763	0.0888	"	0.887	ND	86.1	10-147				
2-Methylphenol	0.717	0.0888	"	0.887	ND	80.8	10-136				
2-Nitroaniline	0.786	0.177	"	0.887	ND	88.6	10-137				
2-Nitrophenol	0.866	0.0888	"	0.887	ND	97.7	10-129				
3- & 4-Methylphenols	0.646	0.0888	"	0.887	ND	72.9	10-123				
3,3-Dichlorobenzidine	0.592	0.0888	"	0.887	ND	66.7	10-155				
3-Nitroaniline	0.750	0.177	"	0.887	ND	84.6	12-133				
4,6-Dinitro-2-methylphenol	0.346	0.177	"	0.887	ND	39.0	10-155				
4-Bromophenyl phenyl ether	0.722	0.0888	"	0.887	ND	81.4	14-128				
4-Chloro-3-methylphenol	0.757	0.0888	"	0.887	ND	85.4	10-134				
4-Chloroaniline	0.647	0.0888	"	0.887	ND	73.0	10-145				
4-Chlorophenyl phenyl ether	0.733	0.0888	"	0.887	ND	82.6	14-130				
4-Nitroaniline	0.683	0.177	"	0.887	ND	77.0	10-147				
4-Nitrophenol	0.607	0.177	"	0.887	ND	68.4	10-137				
Acenaphthene	0.717	0.0888	"	0.887	ND	80.8	10-146				
Acenaphthylene	0.675	0.0888	"	0.887	ND	76.1	10-134				
Acetophenone	0.714	0.0888	"	0.887	ND	80.5	10-116				
Aniline	0.636	0.355	"	0.887	ND	71.8	10-123				
Anthracene	0.749	0.0888	"	0.887	ND	84.5	10-142				
Atrazine	0.817	0.0888	"	0.887	ND	92.1	19-115				
Benzaldehyde	0.713	0.0888	"	0.887	ND	80.4	10-125				
Benzo(a)anthracene	0.652	0.0888	"	0.887	ND	73.5	10-158				
Benzo(a)pyrene	0.554	0.0888	"	0.887	ND	62.5	10-180				
Benzo(b)fluoranthene	0.629	0.0888	"	0.887	ND	70.9	10-200				
Benzo(g,h,i)perylene	0.517	0.0888	"	0.887	ND	58.3	10-138				
Benzo(k)fluoranthene	0.623	0.0888	"	0.887	ND	70.2	10-197				
Benzoic acid	ND	0.0888	"	0.887	ND		10-166	Low Bias			
Benzyl alcohol	0.697	0.0888	"	0.887	ND	78.6	12-124				
Benzyl butyl phthalate	0.690	0.0888	"	0.887	ND	77.8	10-154				
Bis(2-chloroethoxy)methane	0.715	0.0888	"	0.887	ND	80.6	10-132				
Bis(2-chloroethyl)ether	0.646	0.0888	"	0.887	ND	72.8	10-119				
Bis(2-chloroisopropyl)ether	0.667	0.0888	"	0.887	ND	75.2	10-139				
Bis(2-ethylhexyl)phthalate	0.697	0.0888	"	0.887	ND	78.6	10-167				
Caprolactam	0.785	0.177	"	0.887	ND	88.5	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30536 - EPA 3550C											
Matrix Spike (BA30536-MS1)	*Source sample: 23A0447-01 (Matrix Spike)								Prepared: 01/12/2023 Analyzed: 01/13/2023		
Carbazole	0.756	0.0888	mg/kg dry	0.887	ND	85.3	10-167				
Chrysene	0.639	0.0888	"	0.887	ND	72.0	10-156				
Dibenzo(a,h)anthracene	0.549	0.0888	"	0.887	ND	61.9	10-137				
Dibenzofuran	0.727	0.0888	"	0.887	ND	81.9	10-147				
Diethyl phthalate	0.733	0.0888	"	0.887	ND	82.6	20-120				
Dimethyl phthalate	0.746	0.0888	"	0.887	ND	84.2	18-131				
Di-n-butyl phthalate	0.705	0.0888	"	0.887	ND	79.5	10-137				
Di-n-octyl phthalate	0.705	0.0888	"	0.887	ND	79.5	10-180				
Fluoranthene	0.680	0.0888	"	0.887	ND	76.7	10-160				
Fluorene	0.719	0.0888	"	0.887	ND	81.0	10-157				
Hexachlorobenzene	0.678	0.0888	"	0.887	ND	76.4	10-137				
Hexachlorobutadiene	0.746	0.0888	"	0.887	ND	84.1	10-132				
Hexachlorocyclopentadiene	0.749	0.0888	"	0.887	ND	84.4	10-106				
Hexachloroethane	0.695	0.0888	"	0.887	ND	78.3	10-110				
Indeno(1,2,3-cd)pyrene	0.512	0.0888	"	0.887	ND	57.8	10-144				
Isophorone	0.742	0.0888	"	0.887	ND	83.7	10-132				
Naphthalene	0.753	0.0888	"	0.887	ND	84.9	10-141				
Nitrobenzene	0.741	0.0888	"	0.887	ND	83.6	10-131				
N-Nitrosodimethylamine	0.594	0.0888	"	0.887	ND	67.0	10-126				
N-nitroso-di-n-propylamine	0.652	0.0888	"	0.887	ND	73.5	10-125				
N-Nitrosodiphenylamine	0.822	0.0888	"	0.887	ND	92.6	10-177				
Pentachlorophenol	0.446	0.0888	"	0.887	ND	50.2	10-153				
Phenanthrene	0.729	0.0888	"	0.887	ND	82.2	10-148				
Phenol	0.694	0.0888	"	0.887	ND	78.2	10-126				
Pyrene	0.668	0.0888	"	0.887	ND	75.3	10-165				
Surrogate: SURR: 2-Fluorophenol	*1.46*		"	*1.77*		*82.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.38*		"	*1.77*		*77.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.740*		"	*0.887*		*83.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.717*		"	*0.887*		*80.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.75*		"	*1.77*		*98.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.709*		"	*0.887*		*80.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30536 - EPA 3550C											
Matrix Spike Dup (BA30536-MSD1)	*Source sample: 23A0447-01 (Matrix Spike Dup)								Prepared: 01/12/2023 Analyzed: 01/13/2023		
1,1-Biphenyl	0.586	0.0888	mg/kg dry	0.887	ND	66.1	10-130		23.1	30	
1,2,4,5-Tetrachlorobenzene	0.644	0.177	"	0.887	ND	72.6	10-133		24.1	30	
1,2,4-Trichlorobenzene	0.619	0.0888	"	0.887	ND	69.8	10-127		21.9	30	
1,2-Dichlorobenzene	0.555	0.0888	"	0.887	ND	62.6	14-111		20.6	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.476	0.0888	"	0.887	ND	53.7	10-144		43.3	30	Non-dir.
1,3-Dichlorobenzene	0.556	0.0888	"	0.887	ND	62.6	11-111		21.2	30	
1,4-Dichlorobenzene	0.552	0.0888	"	0.887	ND	62.2	10-106		22.7	30	
2,3,4,6-Tetrachlorophenol	0.564	0.177	"	0.887	ND	63.6	30-130		36.4	30	Non-dir.
2,4,5-Trichlorophenol	0.578	0.0888	"	0.887	ND	65.1	10-127		20.9	30	
2,4,6-Trichlorophenol	0.613	0.0888	"	0.887	ND	69.1	10-132		23.1	30	
2,4-Dichlorophenol	0.624	0.0888	"	0.887	ND	70.4	10-128		21.3	30	
2,4-Dimethylphenol	0.633	0.0888	"	0.887	ND	71.4	10-137		22.8	30	
2,4-Dinitrophenol	ND	0.177	"	0.887	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.622	0.0888	"	0.887	ND	70.2	16-135		26.6	30	
2,6-Dinitrotoluene	0.714	0.0888	"	0.887	ND	80.6	18-131		23.7	30	
2-Chloronaphthalene	0.579	0.0888	"	0.887	ND	65.3	10-129		21.5	30	
2-Chlorophenol	0.554	0.0888	"	0.887	ND	62.5	15-116		22.5	30	
2-Methylnaphthalene	0.622	0.0888	"	0.887	ND	70.1	10-147		20.5	30	
2-Methylphenol	0.575	0.0888	"	0.887	ND	64.8	10-136		22.0	30	
2-Nitroaniline	0.619	0.177	"	0.887	ND	69.8	10-137		23.8	30	
2-Nitrophenol	0.673	0.0888	"	0.887	ND	75.9	10-129		25.1	30	
3- & 4-Methylphenols	0.514	0.0888	"	0.887	ND	57.9	10-123		22.9	30	
3,3-Dichlorobenzidine	0.464	0.0888	"	0.887	ND	52.3	10-155		24.2	30	
3-Nitroaniline	0.599	0.177	"	0.887	ND	67.5	12-133		22.4	30	
4,6-Dinitro-2-methylphenol	0.192	0.177	"	0.887	ND	21.6	10-155		57.3	30	Non-dir.
4-Bromophenyl phenyl ether	0.593	0.0888	"	0.887	ND	66.9	14-128		19.6	30	
4-Chloro-3-methylphenol	0.616	0.0888	"	0.887	ND	69.4	10-134		20.6	30	
4-Chloroaniline	0.536	0.0888	"	0.887	ND	60.5	10-145		18.7	30	
4-Chlorophenyl phenyl ether	0.594	0.0888	"	0.887	ND	67.0	14-130		21.0	30	
4-Nitroaniline	0.534	0.177	"	0.887	ND	60.2	10-147		24.6	30	
4-Nitrophenol	0.456	0.177	"	0.887	ND	51.4	10-137		28.3	30	
Acenaphthene	0.572	0.0888	"	0.887	ND	64.5	10-146		22.5	30	
Acenaphthylene	0.543	0.0888	"	0.887	ND	61.3	10-134		21.5	30	
Acetophenone	0.568	0.0888	"	0.887	ND	64.1	10-116		22.7	30	
Aniline	0.509	0.355	"	0.887	ND	57.4	10-123		22.2	30	
Anthracene	0.610	0.0888	"	0.887	ND	68.8	10-142		20.5	30	
Atrazine	0.644	0.0888	"	0.887	ND	72.6	19-115		23.7	30	
Benzaldehyde	0.578	0.0888	"	0.887	ND	65.1	10-125		21.0	30	
Benzo(a)anthracene	0.539	0.0888	"	0.887	ND	60.7	10-158		19.1	30	
Benzo(a)pyrene	0.443	0.0888	"	0.887	ND	49.9	10-180		22.3	30	
Benzo(b)fluoranthene	0.494	0.0888	"	0.887	ND	55.7	10-200		24.0	30	
Benzo(g,h,i)perylene	0.416	0.0888	"	0.887	ND	47.0	10-138		21.6	30	
Benzo(k)fluoranthene	0.521	0.0888	"	0.887	ND	58.7	10-197		17.9	30	
Benzoic acid	ND	0.0888	"	0.887	ND		10-166	Low Bias		30	
Benzyl alcohol	0.554	0.0888	"	0.887	ND	62.5	12-124		22.9	30	
Benzyl butyl phthalate	0.553	0.0888	"	0.887	ND	62.3	10-154		22.1	30	
Bis(2-chloroethoxy)methane	0.580	0.0888	"	0.887	ND	65.4	10-132		20.8	30	
Bis(2-chloroethyl)ether	0.518	0.0888	"	0.887	ND	58.4	10-119		22.0	30	
Bis(2-chloroisopropyl)ether	0.534	0.0888	"	0.887	ND	60.2	10-139		22.2	30	
Bis(2-ethylhexyl)phthalate	0.570	0.0888	"	0.887	ND	64.3	10-167		19.9	30	
Caprolactam	0.622	0.177	"	0.887	ND	70.2	10-132		23.1	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30536 - EPA 3550C											
Matrix Spike Dup (BA30536-MSD1)	*Source sample: 23A0447-01 (Matrix Spike Dup)								Prepared: 01/12/2023 Analyzed: 01/13/2023		
Carbazole	0.619	0.0888	mg/kg dry	0.887	ND	69.8	10-167		19.9	30	
Chrysene	0.523	0.0888	"	0.887	ND	59.0	10-156		19.9	30	
Dibenzo(a,h)anthracene	0.451	0.0888	"	0.887	ND	50.9	10-137		19.6	30	
Dibenzofuran	0.592	0.0888	"	0.887	ND	66.7	10-147		20.5	30	
Diethyl phthalate	0.592	0.0888	"	0.887	ND	66.7	20-120		21.3	30	
Dimethyl phthalate	0.590	0.0888	"	0.887	ND	66.6	18-131		23.4	30	
Di-n-butyl phthalate	0.585	0.0888	"	0.887	ND	65.9	10-137		18.7	30	
Di-n-octyl phthalate	0.563	0.0888	"	0.887	ND	63.4	10-180		22.5	30	
Fluoranthene	0.561	0.0888	"	0.887	ND	63.2	10-160		19.3	30	
Fluorene	0.585	0.0888	"	0.887	ND	66.0	10-157		20.5	30	
Hexachlorobenzene	0.579	0.0888	"	0.887	ND	65.3	10-137		15.7	30	
Hexachlorobutadiene	0.622	0.0888	"	0.887	ND	70.2	10-132		18.0	30	
Hexachlorocyclopentadiene	0.574	0.0888	"	0.887	ND	64.7	10-106		26.4	30	
Hexachloroethane	0.537	0.0888	"	0.887	ND	60.6	10-110		25.6	30	
Indeno(1,2,3-cd)pyrene	0.414	0.0888	"	0.887	ND	46.7	10-144		21.1	30	
Isophorone	0.604	0.0888	"	0.887	ND	68.2	10-132		20.4	30	
Naphthalene	0.606	0.0888	"	0.887	ND	68.3	10-141		21.6	30	
Nitrobenzene	0.600	0.0888	"	0.887	ND	67.6	10-131		21.2	30	
N-Nitrosodimethylamine	0.494	0.0888	"	0.887	ND	55.7	10-126		18.4	30	
N-nitroso-di-n-propylamine	0.521	0.0888	"	0.887	ND	58.8	10-125		22.2	30	
N-Nitrosodiphenylamine	0.683	0.0888	"	0.887	ND	77.0	10-177		18.4	30	
Pentachlorophenol	0.299	0.0888	"	0.887	ND	33.8	10-153		39.2	30	Non-dir.
Phenanthrene	0.605	0.0888	"	0.887	ND	68.2	10-148		18.5	30	
Phenol	0.562	0.0888	"	0.887	ND	63.4	10-126		21.0	30	
Pyrene	0.545	0.0888	"	0.887	ND	61.4	10-165		20.2	30	
Surrogate: SURR: 2-Fluorophenol	*1.14*		"	*1.77*		*64.2*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.11*		"	*1.77*		*62.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.587*		"	*0.887*		*66.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.564*		"	*0.887*		*63.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.36*		"	*1.77*		*76.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.547*		"	*0.887*		*61.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30472 - EPA 3535A											
Blank (BA30472-BLK1)								Prepared: 01/11/2023 Analyzed: 01/12/2023			
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.36*		*"*	*4.00*		*84.1*	*36.6-118*				
LCS (BA30472-BS1)								Prepared: 01/11/2023 Analyzed: 01/12/2023			
1,4-Dioxane	4.22	0.300	ug/L	4.00		106	50-130				
Surrogate: 1,4-Dioxane-d8	*3.03*		*"*	*4.00*		*75.7*	*36.6-118*				
Matrix Spike (BA30472-MS1)	*Source sample: 23A0352-01 (Matrix Spike)							Prepared: 01/11/2023 Analyzed: 01/12/2023			
1,4-Dioxane	4.96	0.300	ug/L	4.00	0.944	100	50-130				
Surrogate: 1,4-Dioxane-d8	*2.66*		*"*	*4.00*		*66.6*	*50-130*				
Matrix Spike Dup (BA30472-MSD1)	*Source sample: 23A0352-01 (Matrix Spike Dup)							Prepared: 01/11/2023 Analyzed: 01/12/2023			
1,4-Dioxane	5.06	0.300	ug/L	4.00	0.944	103	50-130		1.92	30	
Surrogate: 1,4-Dioxane-d8	*2.76*		*"*	*4.00*		*69.0*	*50-130*				
Batch BA30542 - EPA 3550C											
Blank (BA30542-BLK1)								Prepared: 01/12/2023 Analyzed: 01/13/2023			
1,4-Dioxane	ND	20.0	ug/kg								
Surrogate: 1,4-Dioxane-d8	*292*		*"*	*500*		*58.5*	*39-127.5*				
LCS (BA30542-BS1)								Prepared: 01/12/2023 Analyzed: 01/13/2023			
1,4-Dioxane	568	20.0	ug/kg	500		114	40-130				
Surrogate: 1,4-Dioxane-d8	*263*		*"*	*500*		*52.6*	*39-127.5*				
Matrix Spike (BA30542-MS1)	*Source sample: 23A0435-03 (23SB-6(0-2))							Prepared: 01/12/2023 Analyzed: 01/13/2023			
1,4-Dioxane	518	19.8	ug/kg	495	ND	105	40-130				
Surrogate: 1,4-Dioxane-d8	*215*		*"*	*495*		*43.5*	*40-130*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30542 - EPA 3550C											
Matrix Spike Dup (BA30542-MSD1)	*Source sample: 23A0435-03 (23SB-6(0-2))								Prepared: 01/12/2023 Analyzed: 01/13/2023		
1,4-Dioxane	518	19.8	ug/kg	495	ND	105	40-130		0.00	30	
Surrogate: 1,4-Dioxane-d8	*275*		*"*	*495*		*55.6*	*40-130*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
Blank (BA30361-BLK1)											Prepared: 01/10/2023 Analyzed: 01/16/2023
Perfluorobutanesulfonic acid (PFBS)	ND	0.199	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.199	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.199	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.199	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.795	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.795	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.398	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.199	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.795	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.795	"								
9CL-PF3ONS	ND	0.795	"								
ADONA	ND	0.795	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.199	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.199	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.994	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.97	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.00*		"	*2.32*		*86.4*	*25-150*				
Surrogate: M5PFHxA	*2.49*		"	*2.49*		*100*	*25-150*				
Surrogate: M4PFHpA	*2.43*		"	*2.49*		*97.6*	*25-150*				
Surrogate: M3PFHxS	*2.28*		"	*2.36*		*96.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.15*		"	*2.49*		*86.4*	*25-150*				
Surrogate: M6PFDA	*1.19*		"	*1.24*		*95.4*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
Blank (BA30361-BLK1)											
Surrogate: M7PFUdA	*1.11*		*ug/kg wet*	*1.24*		*89.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.926*		*"*	*1.24*		*74.6*	*25-150*				
Surrogate: M2PFTeDA	*0.735*		*"*	*1.24*		*59.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.5*		*"*	*9.94*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.23*		*"*	*2.38*		*93.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.33*		*"*	*4.97*		*107*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.466*		*"*	*2.49*		*18.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.45*		*"*	*4.97*		*69.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.33*		*"*	*4.97*		*67.0*	*25-150*				
Surrogate: M2-6:2 FTS	*3.71*		*"*	*4.73*		*78.4*	*25-200*				
Surrogate: M2-8:2 FTS	*3.06*		*"*	*4.77*		*64.2*	*25-200*				
Surrogate: M9PFNA	*1.44*		*"*	*1.24*		*116*	*25-150*				
Surrogate: M2-4:2 FTS	*3.07*		*"*	*4.66*		*65.8*	*25-150*				
Surrogate: d-N-MeFOSA	*0.546*		*"*	*2.49*		*22.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.60*		*"*	*2.49*		*64.2*	*25-150*				
Surrogate: M3HFPO-DA	*9.18*		*"*	*9.94*		*92.4*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.58*		*"*	*24.9*		*22.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.86*		*"*	*24.9*		*23.6*	*25-150*				
LCS (BA30361-BS1)											
Perfluorobutanesulfonic acid (PFBS)	3.23	0.200	ug/kg wet	3.53		91.3	50-150				
Perfluorohexanoic acid (PFHxA)	3.65	0.200	"	3.99		91.3	50-150				
Perfluoroheptanoic acid (PFHpA)	3.78	0.200	"	3.99		94.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.50	0.200	"	3.65		123	50-150				
Perfluorooctanoic acid (PFOA)	3.44	0.200	"	3.99		86.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.20	0.200	"	3.71		86.2	50-150				
Perfluorononanoic acid (PFNA)	3.11	0.200	"	3.99		78.0	50-150				
Perfluorodecanoic acid (PFDA)	3.77	0.200	"	3.99		94.5	50-150				
Perfluoroundecanoic acid (PFUnA)	3.48	0.200	"	3.99		87.1	50-150				
Perfluorododecanoic acid (PFDoA)	3.90	0.200	"	3.99		97.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.23	0.200	"	3.99		106	50-150				
Perfluorotetradecanoic acid (PFTA)	3.40	0.200	"	3.99		85.2	50-150				
N-MeFOSAA	3.39	0.200	"	3.99		85.0	50-150				
N-EtFOSAA	3.77	0.200	"	3.99		94.4	50-150				
Perfluoropentanoic acid (PFPeA)	7.19	0.399	"	7.98		90.1	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.82	0.200	"	3.99		95.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.82	0.200	"	3.81		100	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.22	0.200	"	3.85		83.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	13.8	0.798	"	15.2		90.9	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	14.5	0.798	"	15.3		94.9	50-150				
Perfluoro-n-butanoic acid (PFBA)	14.1	0.798	"	16.0		88.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.95	0.399	"	7.11		97.8	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.58	0.399	"	7.98		69.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.23	0.399	"	7.98		103	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
LCS (BA30361-BS1)								Prepared: 01/10/2023 Analyzed: 01/16/2023			
Perfluoro-5-oxahexanoic acid (PFMBA)	7.39	0.399	ug/kg wet	7.98		92.6	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.44	0.200	"	3.75		91.6	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	13.2	0.798	"	15.0		88.0	50-150				
HFPO-DA (Gen-X)	7.21	0.798	"	7.98		90.3	50-150				
11CL-PF3OUdS	5.97	0.798	"	7.54		79.1	50-150				
9CL-PF3ONS	6.99	0.798	"	7.47		93.6	50-150				
ADONA	7.90	0.798	"	7.54		105	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.59	0.200	"	3.87		66.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.90	0.200	"	3.83		102	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	5.10	0.998	"	16.0		31.9	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	39.3	4.99	"	79.8		49.2	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	40.6	4.99	"	79.8		50.8	50-150				
N-MeFOSE	33.4	2.00	"	39.9		83.8	50-150				
N-MeFOSA	4.64	0.200	"	3.99		116	50-150				
N-EtFOSE	35.8	2.00	"	39.9		89.7	50-150				
N-EtFOSA	2.87	0.200	"	3.99		71.9	50-150				
Surrogate: M3PFBS	*2.26*		"	*2.33*		*97.0*	*25-150*				
Surrogate: M5PFHxA	*2.57*		"	*2.50*		*103*	*25-150*				
Surrogate: M4PFHpA	*2.19*		"	*2.50*		*87.8*	*25-150*				
Surrogate: M3PFHxS	*2.33*		"	*2.37*		*98.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.40*		"	*2.50*		*96.2*	*25-150*				
Surrogate: M6PFDA	*1.02*		"	*1.25*		*81.7*	*25-150*				
Surrogate: M7PFUdA	*0.992*		"	*1.25*		*79.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.835*		"	*1.25*		*66.9*	*25-150*				
Surrogate: M2PFTeDA	*0.625*		"	*1.25*		*50.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.1*		"	*9.98*		*111*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.24*		"	*2.39*		*93.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.50*		"	*4.99*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.528*		"	*2.50*		*21.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.64*		"	*4.99*		*73.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.55*		"	*4.99*		*71.2*	*25-150*				
Surrogate: M2-6:2 FTS	*4.42*		"	*4.75*		*93.1*	*25-200*				
Surrogate: M2-8:2 FTS	*3.74*		"	*4.79*		*78.1*	*25-200*				
Surrogate: M9PFNA	*1.35*		"	*1.25*		*108*	*25-150*				
Surrogate: M2-4:2 FTS	*3.68*		"	*4.68*		*78.6*	*25-150*				
Surrogate: d-N-MeFOSA	*0.473*		"	*2.50*		*18.9*	*25-150*				
Surrogate: d-N-EtFOSA	*1.41*		"	*2.50*		*56.6*	*25-150*				
Surrogate: M3HFPO-DA	*9.97*		"	*9.98*		*99.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.02*		"	*25.0*		*20.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.82*		"	*25.0*		*23.3*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
LCS (BA30361-BS2)								Prepared: 01/10/2023 Analyzed: 01/16/2023			
Perfluorobutanesulfonic acid (PFBS)	0.298	0.199	ug/kg wet	0.353		84.5	50-150				
Perfluorohexanoic acid (PFHxA)	0.335	0.199	"	0.398		84.2	50-150				
Perfluoroheptanoic acid (PFHpA)	0.351	0.199	"	0.398		88.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.409	0.199	"	0.365		112	50-150				
Perfluorooctanoic acid (PFOA)	0.381	0.199	"	0.398		95.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.363	0.199	"	0.371		98.0	50-150				
Perfluorononanoic acid (PFNA)	0.322	0.199	"	0.398		80.9	50-150				
Perfluorodecanoic acid (PFDA)	0.317	0.199	"	0.398		79.6	50-150				
Perfluoroundecanoic acid (PFUnA)	0.344	0.199	"	0.398		86.4	50-150				
Perfluorododecanoic acid (PFDoA)	0.362	0.199	"	0.398		90.9	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.305	0.199	"	0.398		76.6	50-150				
Perfluorotetradecanoic acid (PFTA)	0.349	0.199	"	0.398		87.7	50-150				
N-MeFOSAA	0.349	0.199	"	0.398		87.6	50-150				
N-EtFOSAA	0.368	0.199	"	0.398		92.4	50-150				
Perfluoropentanoic acid (PFPeA)	0.677	0.398	"	0.797		85.0	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.383	0.199	"	0.398		96.1	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.377	0.199	"	0.380		99.1	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.239	0.199	"	0.384		62.3	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.25	0.797	"	1.51		82.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.37	0.797	"	1.53		89.6	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.31	0.797	"	1.59		82.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.704	0.398	"	0.709		99.2	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.702	0.398	"	0.797		88.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.775	0.398	"	0.797		97.3	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.708	0.398	"	0.797		88.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.312	0.199	"	0.375		83.4	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.43	0.797	"	1.49		95.4	50-150				
HFPO-DA (Gen-X)	0.696	0.797	"	0.797		87.4	50-150				
11CL-PF3OUdS	0.653	0.797	"	0.753		86.7	50-150				
9CL-PF3ONS	0.765	0.797	"	0.745		103	50-150				
ADONA	0.822	0.797	"	0.753		109	50-150				
Perfluorododecanesulfonic acid (PFDoS)	ND	0.199	"	0.386			50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.381	0.199	"	0.382		99.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.996	"	1.59			50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	2.97	4.98	"	7.97		37.3	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	3.43	4.98	"	7.97		43.1	50-150	Low Bias			
N-MeFOSE	3.50	1.99	"	3.98		87.8	50-150				
N-MeFOSA	0.551	0.199	"	0.398		138	50-150				
N-EtFOSE	3.51	1.99	"	3.98		88.1	50-150				
N-EtFOSA	ND	0.199	"	0.398			50-150	Low Bias			
Surrogate: M3PFBS	*2.38*		"	*2.32*		*102*	*25-150*				
Surrogate: M5PFHxA	*2.73*		"	*2.49*		*110*	*25-150*				
Surrogate: M4PFHpA	*2.42*		"	*2.49*		*97.0*	*25-150*				
Surrogate: M3PFHxS	*2.47*		"	*2.36*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.27*		"	*2.49*		*91.2*	*25-150*				
Surrogate: M6PFDA	*1.20*		"	*1.25*		*96.6*	*25-150*				

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

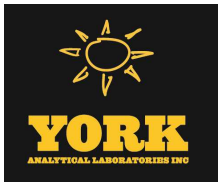
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
LCS (BA30361-BS2)									Prepared: 01/10/2023 Analyzed: 01/16/2023		
Surrogate: M7PFUdA	*1.08*		*ug/kg wet*	*1.25*		*86.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.854*		*"*	*1.25*		*68.6*	*25-150*				
Surrogate: M2PFTeDA	*0.680*		*"*	*1.25*		*54.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.4*		*"*	*9.96*		*114*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.54*		*"*	*2.39*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.94*		*"*	*4.98*		*119*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.481*		*"*	*2.49*		*19.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.06*		*"*	*4.98*		*81.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.27*		*"*	*4.98*		*85.8*	*25-150*				
Surrogate: M2-6:2 FTS	*4.17*		*"*	*4.74*		*88.0*	*25-200*				
Surrogate: M2-8:2 FTS	*3.72*		*"*	*4.78*		*77.7*	*25-200*				
Surrogate: M9PFNA	*1.26*		*"*	*1.25*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*3.08*		*"*	*4.67*		*65.9*	*25-150*				
Surrogate: d-N-MeFOSA	*0.400*		*"*	*2.49*		*16.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.32*		*"*	*2.49*		*53.0*	*25-150*				
Surrogate: M3HFPO-DA	*9.82*		*"*	*9.96*		*98.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.56*		*"*	*24.9*		*22.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.37*		*"*	*24.9*		*21.6*	*25-150*				
Duplicate (BA30361-DUP1)	*Source sample: 23A0372-02 (Duplicate)								Prepared: 01/10/2023 Analyzed: 01/16/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.212	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.212	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.212	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.212	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.212	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	0.180	0.212	"		0.185				2.99	30	
Perfluorononanoic acid (PFNA)	ND	0.212	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.212	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.212	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.212	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.212	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.212	"		ND					30	
N-MeFOSAA	ND	0.212	"		ND					30	
N-EtFOSAA	ND	0.212	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.424	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.212	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.212	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.212	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.849	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.849	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.849	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.424	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.424	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.424	"		ND					30	

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30361 - EPA 1633 Prep											
Duplicate (BA30361-DUP1)	*Source sample: 23A0372-02 (Duplicate)								Prepared: 01/10/2023 Analyzed: 01/16/2023		
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.424	ug/kg dry		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.212	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.849	"		ND					30	
HFPO-DA (Gen-X)	ND	0.849	"		ND					30	
11CL-PF3OUdS	ND	0.849	"		ND					30	
9CL-PF3ONS	ND	0.849	"		ND					30	
ADONA	ND	0.849	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	0.212	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.212	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.06	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.31	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.31	"		ND					30	
N-MeFOSE	ND	2.12	"		ND					30	
N-MeFOSA	ND	0.212	"		ND					30	
N-EtFOSE	ND	2.12	"		ND					30	
N-EtFOSA	ND	0.212	"		ND					30	
Surrogate: M3PFBS	*2.39*		"	*2.47*		*96.8*	*25-150*				
Surrogate: M5PFHxA	*2.27*		"	*2.65*		*85.6*	*25-150*				
Surrogate: M4PFHpA	*2.17*		"	*2.65*		*81.7*	*25-150*				
Surrogate: M3PFHxS	*2.75*		"	*2.51*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.14*		"	*2.65*		*80.6*	*25-150*				
Surrogate: M6PFDA	*0.903*		"	*1.33*		*68.1*	*25-150*				
Surrogate: M7PFUdA	*0.658*		"	*1.33*		*49.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.500*		"	*1.33*		*37.7*	*25-150*				
Surrogate: M2PFTeDA	*0.284*		"	*1.33*		*21.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.29*		"	*10.6*		*87.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.52*		"	*2.54*		*99.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.78*		"	*5.31*		*90.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.205*		"	*2.65*		*7.73*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.29*		"	*5.31*		*24.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*1.33*		"	*5.31*		*25.2*	*25-150*				
Surrogate: M2-6:2 FTS	*2.82*		"	*5.05*		*55.8*	*25-200*				
Surrogate: M2-8:2 FTS	*2.15*		"	*5.09*		*42.3*	*25-200*				
Surrogate: M9PFNA	*1.14*		"	*1.33*		*86.1*	*25-150*				
Surrogate: M2-4:2 FTS	*2.32*		"	*4.98*		*46.6*	*25-150*				
Surrogate: d-N-MeFOSA	*0.299*		"	*2.65*		*11.3*	*25-150*				
Surrogate: d-N-EtFOSA	*1.56*		"	*2.65*		*58.9*	*25-150*				
Surrogate: M3HFPO-DA	*9.83*		"	*10.6*		*92.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*4.92*		"	*26.5*		*18.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.07*		"	*26.5*		*19.1*	*25-150*				



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
Blank (BA30396-BLK1)								Prepared: 01/10/2023 Analyzed: 01/13/2023			
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	4.00	"								
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	8.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	8.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	8.00	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	4.00	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	4.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	4.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	4.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	8.00	"								
HFPO-DA (Gen-X)	ND	8.00	"								
11CL-PF3OUdS	ND	8.00	"								
9CL-PF3ONS	ND	8.00	"								
ADONA	ND	8.00	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	2.00	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	2.00	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	5.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	25.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	25.0	"								
N-MeFOSE	ND	20.0	"								
N-MeFOSA	ND	2.00	"								
N-EtFOSE	ND	20.0	"								
N-EtFOSA	0.975	0.200	"								
Surrogate: M3PFBS	*37.3*		*"*	*46.6*		*80.1*	*25-150*				
Surrogate: M5PFHxA	*39.4*		*"*	*50.0*		*78.8*	*25-150*				
Surrogate: M4PFHpA	*34.5*		*"*	*50.0*		*69.0*	*25-150*				
Surrogate: M3PFHxS	*49.2*		*"*	*47.4*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*33.4*		*"*	*50.0*		*66.8*	*25-150*				
Surrogate: M6PFDA	*21.0*		*"*	*25.0*		*84.2*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
Blank (BA30396-BLK1)									Prepared: 01/10/2023 Analyzed: 01/13/2023		
Surrogate: M7PFUdA	*19.1*		*ng/L*	*25.0*		*76.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*15.9*		*"*	*25.0*		*63.8*	*25-150*				
Surrogate: M2PFTeDA	*14.6*		*"*	*25.0*		*58.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*167*		*"*	*200*		*83.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*51.2*		*"*	*47.9*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*78.8*		*"*	*100*		*78.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*5.65*		*"*	*50.0*		*11.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*83.2*		*"*	*100*		*83.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*88.2*		*"*	*100*		*88.2*	*25-150*				
Surrogate: M2-6:2 FTS	*69.8*		*"*	*95.1*		*73.4*	*25-200*				
Surrogate: M2-8:2 FTS	*65.1*		*"*	*96.0*		*67.8*	*25-200*				
Surrogate: M9PFNA	*21.2*		*"*	*25.0*		*84.9*	*25-150*				
Surrogate: M2-4:2 FTS	*64.2*		*"*	*93.8*		*68.4*	*25-150*				
Surrogate: d-N-MeFOSA	*11.5*		*"*	*50.0*		*23.1*	*25-150*				
Surrogate: d-N-EtFOSA	*34.3*		*"*	*50.0*		*68.6*	*25-150*				
Surrogate: M3HFPO-DA	*141*		*"*	*200*		*70.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*121*		*"*	*500*		*24.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*113*		*"*	*500*		*22.7*	*25-150*				
LCS (BA30396-BS1)									Prepared: 01/10/2023 Analyzed: 01/13/2023		
Perfluorobutanesulfonic acid (PFBS)	66.6	2.00	ng/L	70.8		94.0	50-150				
Perfluorohexanoic acid (PFHxA)	74.8	2.00	"	80.0		93.5	50-150				
Perfluoroheptanoic acid (PFHpA)	82.3	2.00	"	80.0		103	50-150				
Perfluorohexanesulfonic acid (PFHxS)	82.6	2.00	"	73.2		113	50-150				
Perfluorooctanoic acid (PFOA)	69.9	2.00	"	80.0		87.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	69.2	2.00	"	74.4		93.1	50-150				
Perfluorononanoic acid (PFNA)	66.9	2.00	"	80.0		83.6	50-150				
Perfluorodecanoic acid (PFDA)	72.3	2.00	"	80.0		90.4	50-150				
Perfluoroundecanoic acid (PFUnA)	73.3	2.00	"	80.0		91.6	50-150				
Perfluorododecanoic acid (PFDoA)	77.6	2.00	"	80.0		97.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	91.7	2.00	"	80.0		115	50-150				
Perfluorotetradecanoic acid (PFTA)	73.2	2.00	"	80.0		91.6	50-150				
N-MeFOSAA	73.9	2.00	"	80.0		92.3	50-150				
N-EtFOSAA	71.6	2.00	"	80.0		89.6	50-150				
Perfluoropentanoic acid (PFPeA)	148	4.00	"	160		92.3	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	75.1	2.00	"	80.0		93.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	73.9	2.00	"	76.4		96.8	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	68.3	2.00	"	77.2		88.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	293	8.00	"	304		96.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	279	8.00	"	307		90.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	288	8.00	"	320		90.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	148	4.00	"	142		104	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	108	4.00	"	160		67.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	156	4.00	"	160		97.7	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
LCS (BA30396-BS1)								Prepared: 01/10/2023 Analyzed: 01/13/2023			
Perfluoro-5-oxahexanoic acid (PFMBA)	152	4.00	ng/L	160		94.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	63.8	2.00	"	75.2		84.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	269	8.00	"	300		89.8	50-150				
HFPO-DA (Gen-X)	155	8.00	"	160		96.6	50-150				
11CL-PF3OUdS	185	8.00	"	151		122	50-150				
9CL-PF3ONS	206	8.00	"	150		138	50-150				
ADONA	180	8.00	"	151		119	50-150				
Perfluorododecanesulfonic acid (PFDoS)	63.0	2.00	"	77.6		81.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	79.6	2.00	"	76.8		104	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	200	5.00	"	320		62.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	1330	25.0	"	1600		83.3	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	1430	25.0	"	1600		89.6	50-150				
N-MeFOSE	717	20.0	"	800		89.7	50-150				
N-MeFOSA	101	2.00	"	80.0		127	50-150				
N-EtFOSE	793	20.0	"	800		99.2	50-150				
N-EtFOSA	48.0	0.200	"	80.0		60.0	50-150				
Surrogate: M3PFBS	*38.7*		"	*46.6*		*83.0*	*25-150*				
Surrogate: M5PFHxA	*43.1*		"	*50.0*		*86.2*	*25-150*				
Surrogate: M4PFHpA	*38.2*		"	*50.0*		*76.3*	*25-150*				
Surrogate: M3PFHxS	*48.4*		"	*47.4*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*42.5*		"	*50.0*		*85.0*	*25-150*				
Surrogate: M6PFDA	*20.8*		"	*25.0*		*83.2*	*25-150*				
Surrogate: M7PFUdA	*19.5*		"	*25.0*		*78.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*17.1*		"	*25.0*		*68.4*	*25-150*				
Surrogate: M2PFTeDA	*14.4*		"	*25.0*		*57.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*187*		"	*200*		*93.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*44.6*		"	*47.9*		*93.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*86.4*		"	*100*		*86.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.69*		"	*50.0*		*13.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*72.7*		"	*100*		*72.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*71.1*		"	*100*		*71.1*	*25-150*				
Surrogate: M2-6:2 FTS	*76.8*		"	*95.1*		*80.7*	*25-200*				
Surrogate: M2-8:2 FTS	*77.2*		"	*96.0*		*80.5*	*25-200*				
Surrogate: M9PFNA	*23.4*		"	*25.0*		*93.4*	*25-150*				
Surrogate: M2-4:2 FTS	*70.5*		"	*93.8*		*75.2*	*25-150*				
Surrogate: d-N-MeFOSA	*9.49*		"	*50.0*		*19.0*	*25-150*				
Surrogate: d-N-EtFOSA	*30.6*		"	*50.0*		*61.2*	*25-150*				
Surrogate: M3HFPO-DA	*140*		"	*200*		*70.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*112*		"	*500*		*22.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*120*		"	*500*		*23.9*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
LCS (BA30396-BS2)								Prepared: 01/10/2023 Analyzed: 01/13/2023			
Perfluorobutanesulfonic acid (PFBS)	7.09	2.00	ng/L	7.08		100	50-150				
Perfluorohexanoic acid (PFHxA)	7.52	2.00	"	8.00		94.0	50-150				
Perfluoroheptanoic acid (PFHpA)	7.43	2.00	"	8.00		92.9	50-150				
Perfluorohexanesulfonic acid (PFHxS)	9.07	2.00	"	7.32		124	50-150				
Perfluorooctanoic acid (PFOA)	7.71	2.00	"	8.00		96.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	6.93	2.00	"	7.44		93.2	50-150				
Perfluorononanoic acid (PFNA)	6.32	2.00	"	8.00		79.0	50-150				
Perfluorodecanoic acid (PFDA)	7.51	2.00	"	8.00		93.9	50-150				
Perfluoroundecanoic acid (PFUnA)	6.76	2.00	"	8.00		84.5	50-150				
Perfluorododecanoic acid (PFDoA)	7.17	2.00	"	8.00		89.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	7.77	2.00	"	8.00		97.1	50-150				
Perfluorotetradecanoic acid (PFTA)	7.77	2.00	"	8.00		97.1	50-150				
N-MeFOSAA	7.70	2.00	"	8.00		96.3	50-150				
N-EtFOSAA	7.81	2.00	"	8.00		97.6	50-150				
Perfluoropentanoic acid (PFPeA)	14.5	4.00	"	16.0		90.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	7.11	2.00	"	8.00		88.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	7.81	2.00	"	7.64		102	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	7.88	2.00	"	7.72		102	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	28.8	8.00	"	30.4		94.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	32.0	8.00	"	30.7		104	50-150				
Perfluoro-n-butanoic acid (PFBA)	27.8	8.00	"	32.0		86.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	15.4	4.00	"	14.2		108	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.53	4.00	"	16.0		53.3	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	15.8	4.00	"	16.0		98.6	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	14.6	4.00	"	16.0		91.4	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	6.52	2.00	"	7.52		86.7	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	29.2	8.00	"	30.0		97.5	50-150				
HFPO-DA (Gen-X)	12.7	8.00	"	16.0		79.5	50-150				
11CL-PF3OUdS	17.3	8.00	"	15.1		114	50-150				
9CL-PF3ONS	18.9	8.00	"	15.0		126	50-150				
ADONA	16.4	8.00	"	15.1		108	50-150				
Perfluorododecanesulfonic acid (PFDoS)	6.24	2.00	"	7.76		80.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	8.88	2.00	"	7.68		116	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	7.10	5.00	"	32.0		22.2	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	51.0	25.0	"	160		31.9	50-150	Low Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	63.3	25.0	"	160		39.5	50-150	Low Bias			
N-MeFOSE	67.0	20.0	"	80.0		83.7	50-150				
N-MeFOSA	8.68	2.00	"	8.00		109	50-150				
N-EtFOSE	71.6	20.0	"	80.0		89.4	50-150				
N-EtFOSA	5.88	0.200	"	8.00		73.6	50-150				
Surrogate: M3PFBS	*33.7*		*"*	*46.6*		*72.4*	*25-150*				
Surrogate: M5PFHxA	*39.6*		*"*	*50.0*		*79.2*	*25-150*				
Surrogate: M4PFHpA	*36.5*		*"*	*50.0*		*73.1*	*25-150*				
Surrogate: M3PFHxS	*39.9*		*"*	*47.4*		*84.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*34.8*		*"*	*50.0*		*69.6*	*25-150*				
Surrogate: M6PFDA	*19.6*		*"*	*25.0*		*78.3*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30396 - EPA 1633 Prep											
LCS (BA30396-BS2)								Prepared: 01/10/2023 Analyzed: 01/13/2023			
Surrogate: M7PFUdA	*21.4*		*ng/L*	*25.0*		*85.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*17.6*		*"*	*25.0*		*70.4*	*25-150*				
Surrogate: M2PFTeDA	*15.0*		*"*	*25.0*		*59.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*165*		*"*	*200*		*82.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*42.1*		*"*	*47.9*		*88.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*80.0*		*"*	*100*		*80.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.36*		*"*	*50.0*		*12.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*74.5*		*"*	*100*		*74.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*72.1*		*"*	*100*		*72.1*	*25-150*				
Surrogate: M2-6:2 FTS	*65.4*		*"*	*95.1*		*68.8*	*25-200*				
Surrogate: M2-8:2 FTS	*61.9*		*"*	*96.0*		*64.5*	*25-200*				
Surrogate: M9PFNA	*22.0*		*"*	*25.0*		*87.9*	*25-150*				
Surrogate: M2-4:2 FTS	*57.6*		*"*	*93.8*		*61.4*	*25-150*				
Surrogate: d-N-MeFOSA	*9.50*		*"*	*50.0*		*19.0*	*25-150*				
Surrogate: d-N-EtFOSA	*26.1*		*"*	*50.0*		*52.2*	*25-150*				
Surrogate: M3HFPO-DA	*144*		*"*	*200*		*72.1*	*25-150*				
Surrogate: d9-N-EtFOSE	*148*		*"*	*500*		*29.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*124*		*"*	*500*		*24.8*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30453 - EPA SW846-3510C Low Level											
Blank (BA30453-BLK1)									Prepared: 01/11/2023 Analyzed: 01/12/2023		
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	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.147*		*"*	*0.200*		*73.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.165*		*"*	*0.200*		*82.3*	*30-150*				
LCS (BA30453-BS1)									Prepared: 01/11/2023 Analyzed: 01/12/2023		
4,4'-DDD	0.106	0.00400	ug/L	0.100		106	40-140			20	
4,4'-DDE	0.106	0.00400	"	0.100		106	40-140			20	
4,4'-DDT	0.120	0.00400	"	0.100		120	40-140			20	
Aldrin	0.0957	0.00400	"	0.100		95.7	40-140			20	
alpha-BHC	0.0912	0.00400	"	0.100		91.2	40-140			20	
alpha-Chlordane	0.0988	0.00400	"	0.100		98.8	40-140			20	
beta-BHC	0.112	0.00400	"	0.100		112	40-140			20	
delta-BHC	0.102	0.00400	"	0.100		102	40-140			20	
Dieldrin	0.114	0.00200	"	0.100		114	40-140			20	
Endosulfan I	0.110	0.00400	"	0.100		110	40-140			20	
Endosulfan II	0.111	0.00400	"	0.100		111	40-140			20	
Endosulfan sulfate	0.113	0.00400	"	0.100		113	40-140			20	
Endrin	0.116	0.00400	"	0.100		116	40-140			20	
Endrin aldehyde	0.122	0.0100	"	0.100		122	40-140			20	
Endrin ketone	0.120	0.0100	"	0.100		120	40-140			20	
gamma-BHC (Lindane)	0.0959	0.00400	"	0.100		95.9	40-140			20	
gamma-Chlordane	0.102	0.0100	"	0.100		102	40-140			20	
Heptachlor	0.104	0.00400	"	0.100		104	40-140			20	
Heptachlor epoxide	0.112	0.00400	"	0.100		112	40-140			20	
Methoxychlor	0.130	0.00400	"	0.100		130	40-140			20	
Surrogate: Decachlorobiphenyl	*0.148*		*"*	*0.200*		*74.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.162*		*"*	*0.200*		*81.2*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30453 - EPA SW846-3510C Low Level											
LCS Dup (BA30453-BSD1)									Prepared: 01/11/2023 Analyzed: 01/12/2023		
4,4'-DDD	0.112	0.00400	ug/L	0.100		112	40-140		4.99	20	
4,4'-DDE	0.108	0.00400	"	0.100		108	40-140		2.12	20	
4,4'-DDT	0.129	0.00400	"	0.100		129	40-140		7.12	20	
Aldrin	0.109	0.00400	"	0.100		109	40-140		12.8	20	
alpha-BHC	0.0945	0.00400	"	0.100		94.5	40-140		3.50	20	
alpha-Chlordane	0.106	0.00400	"	0.100		106	40-140		7.31	20	
beta-BHC	0.112	0.00400	"	0.100		112	40-140		0.0242	20	
delta-BHC	0.106	0.00400	"	0.100		106	40-140		3.88	20	
Dieldrin	0.116	0.00200	"	0.100		116	40-140		1.98	20	
Endosulfan I	0.113	0.00400	"	0.100		113	40-140		2.54	20	
Endosulfan II	0.117	0.00400	"	0.100		117	40-140		5.05	20	
Endosulfan sulfate	0.117	0.00400	"	0.100		117	40-140		3.81	20	
Endrin	0.121	0.00400	"	0.100		121	40-140		4.22	20	
Endrin aldehyde	0.129	0.0100	"	0.100		129	40-140		5.27	20	
Endrin ketone	0.125	0.0100	"	0.100		125	40-140		3.85	20	
gamma-BHC (Lindane)	0.0991	0.00400	"	0.100		99.1	40-140		3.25	20	
gamma-Chlordane	0.105	0.0100	"	0.100		105	40-140		3.15	20	
Heptachlor	0.108	0.00400	"	0.100		108	40-140		3.04	20	
Heptachlor epoxide	0.109	0.00400	"	0.100		109	40-140		2.28	20	
Methoxychlor	0.135	0.00400	"	0.100		135	40-140		3.79	20	
Surrogate: Decachlorobiphenyl	*0.157*		*"*	*0.200*		*78.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.114*		*"*	*0.200*		*56.8*	*30-150*				
Batch BA30462 - EPA 3550C											
Blank (BA30462-BLK1)									Prepared: 01/11/2023 Analyzed: 01/12/2023		
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	*0.0656*		*"*	*0.0664*		*98.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0718*		*"*	*0.0664*		*108*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30462 - EPA 3550C											
LCS (BA30462-BS1)								Prepared: 01/11/2023 Analyzed: 01/12/2023			
4,4'-DDD	0.0303	0.00165	mg/kg wet	0.0333		90.8	40-140				
4,4'-DDE	0.0305	0.00165	"	0.0333		91.4	40-140				
4,4'-DDT	0.0234	0.00165	"	0.0333		70.1	40-140				
Aldrin	0.0300	0.00165	"	0.0333		90.0	40-140				
alpha-BHC	0.0259	0.00165	"	0.0333		77.7	40-140				
alpha-Chlordane	0.0317	0.00165	"	0.0333		95.0	40-140				
beta-BHC	0.0320	0.00165	"	0.0333		95.9	40-140				
delta-BHC	0.0286	0.00165	"	0.0333		85.8	40-140				
Dieldrin	0.0325	0.00165	"	0.0333		97.4	40-140				
Endosulfan I	0.0332	0.00165	"	0.0333		99.5	40-140				
Endosulfan II	0.0317	0.00165	"	0.0333		95.1	40-140				
Endosulfan sulfate	0.0296	0.00165	"	0.0333		88.7	40-140				
Endrin	0.0285	0.00165	"	0.0333		85.4	40-140				
Endrin aldehyde	0.0311	0.00165	"	0.0333		93.4	40-140				
Endrin ketone	0.0307	0.00165	"	0.0333		92.1	40-140				
gamma-BHC (Lindane)	0.0306	0.00165	"	0.0333		91.7	40-140				
gamma-Chlordane	0.0322	0.00165	"	0.0333		96.8	40-140				
Heptachlor	0.0290	0.00165	"	0.0333		86.9	40-140				
Heptachlor epoxide	0.0330	0.00165	"	0.0333		98.9	40-140				
Methoxychlor	0.0236	0.00165	"	0.0333		70.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0584*		*"*	*0.0667*		*87.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0677*		*"*	*0.0667*		*102*	*30-150*				
Batch BA30533 - EPA 3550C											
Blank (BA30533-BLK1)								Prepared & Analyzed: 01/12/2023			
4,4'-DDD	ND	0.00165	mg/kg wet								
4,4'-DDE	ND	0.00165	"								
4,4'-DDT	ND	0.00165	"								
Aldrin	ND	0.00165	"								
alpha-BHC	ND	0.00165	"								
alpha-Chlordane	ND	0.00165	"								
beta-BHC	ND	0.00165	"								
delta-BHC	ND	0.00165	"								
Dieldrin	ND	0.00165	"								
Endosulfan I	ND	0.00165	"								
Endosulfan II	ND	0.00165	"								
Endosulfan sulfate	ND	0.00165	"								
Endrin	ND	0.00165	"								
Endrin aldehyde	ND	0.00165	"								
Endrin ketone	ND	0.00165	"								
gamma-BHC (Lindane)	ND	0.00165	"								
gamma-Chlordane	ND	0.00165	"								
Heptachlor	ND	0.00165	"								
Heptachlor epoxide	ND	0.00165	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.165	"								
Chlordane, total	ND	0.0330	"								
Surrogate: Decachlorobiphenyl	*0.0567*		*"*	*0.0667*		*85.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0597*		*"*	*0.0667*		*89.6*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30533 - EPA 3550C											
LCS (BA30533-BS1)									Prepared & Analyzed: 01/12/2023		
4,4'-DDD	0.0301	0.00165	mg/kg wet	0.0333		90.4	40-140				
4,4'-DDE	0.0306	0.00165	"	0.0333		91.9	40-140				
4,4'-DDT	0.0229	0.00165	"	0.0333		68.8	40-140				
Aldrin	0.0294	0.00165	"	0.0333		88.2	40-140				
alpha-BHC	0.0260	0.00165	"	0.0333		77.8	40-140				
alpha-Chlordane	0.0328	0.00165	"	0.0333		98.4	40-140				
beta-BHC	0.0326	0.00165	"	0.0333		97.8	40-140				
delta-BHC	0.0286	0.00165	"	0.0333		86.0	40-140				
Dieldrin	0.0326	0.00165	"	0.0333		97.8	40-140				
Endosulfan I	0.0333	0.00165	"	0.0333		99.9	40-140				
Endosulfan II	0.0317	0.00165	"	0.0333		95.1	40-140				
Endosulfan sulfate	0.0295	0.00165	"	0.0333		88.6	40-140				
Endrin	0.0282	0.00165	"	0.0333		84.6	40-140				
Endrin aldehyde	0.0317	0.00165	"	0.0333		95.0	40-140				
Endrin ketone	0.0312	0.00165	"	0.0333		93.6	40-140				
gamma-BHC (Lindane)	0.0309	0.00165	"	0.0333		92.8	40-140				
gamma-Chlordane	0.0320	0.00165	"	0.0333		96.1	40-140				
Heptachlor	0.0288	0.00165	"	0.0333		86.5	40-140				
Heptachlor epoxide	0.0330	0.00165	"	0.0333		98.9	40-140				
Methoxychlor	0.0231	0.00165	"	0.0333		69.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0593*		*"*	*0.0667*		*88.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0684*		*"*	*0.0667*		*103*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30453 - EPA SW846-3510C Low Level											
Blank (BA30453-BLK2)								Prepared & Analyzed: 01/11/2023			
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	*0.162*		"	*0.200*		*81.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.133*		"	*0.200*		*66.5*	*30-150*				
LCS (BA30453-BS2)								Prepared & Analyzed: 01/11/2023			
Aroclor 1016	0.806	0.0500	ug/L	1.00		80.6	40-120			20	
Aroclor 1260	0.841	0.0500	"	1.00		84.1	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.161*		"	*0.200*		*80.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.136*		"	*0.200*		*68.0*	*30-150*				
LCS Dup (BA30453-BSD2)								Prepared & Analyzed: 01/11/2023			
Aroclor 1016	0.856	0.0500	ug/L	1.00		85.6	40-120		5.99	20	
Aroclor 1260	0.921	0.0500	"	1.00		92.1	40-120		9.15	20	
Surrogate: Tetrachloro-m-xylene	*0.171*		"	*0.200*		*85.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.142*		"	*0.200*		*71.0*	*30-150*				
Batch BA30462 - EPA 3550C											
Blank (BA30462-BLK2)								Prepared & Analyzed: 01/11/2023			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0711*		"	*0.0664*		*107*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0651*		"	*0.0664*		*98.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30462 - EPA 3550C											
LCS (BA30462-BS2)								Prepared & Analyzed: 01/11/2023			
Aroclor 1016	0.350	0.0167	mg/kg wet	0.333		105	40-130				
Aroclor 1260	0.385	0.0167	"	0.333		115	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0673*		"	*0.0667*		*101*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0720*		"	*0.0667*		*108*	*30-120*				
Matrix Spike (BA30462-MS2)	*Source sample: 23A0402-02 (Matrix Spike)							Prepared: 01/11/2023 Analyzed: 01/12/2023			
Aroclor 1016	0.435	0.0211	mg/kg dry	0.422	ND	103	40-140				
Aroclor 1260	0.472	0.0211	"	0.422	ND	112	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0763*		"	*0.0844*		*90.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0742*		"	*0.0844*		*88.0*	*30-120*				
Matrix Spike Dup (BA30462-MSD2)	*Source sample: 23A0402-02 (Matrix Spike Dup)							Prepared: 01/11/2023 Analyzed: 01/12/2023			
Aroclor 1016	0.426	0.0211	mg/kg dry	0.422	ND	101	40-140		1.98	50	
Aroclor 1260	0.440	0.0211	"	0.422	ND	104	40-140		6.81	50	
Surrogate: Tetrachloro-m-xylene	*0.0772*		"	*0.0844*		*91.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0713*		"	*0.0844*		*84.5*	*30-120*				
Batch BA30533 - EPA 3550C											
Blank (BA30533-BLK2)								Prepared: 01/12/2023 Analyzed: 01/13/2023			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0580*		"	*0.0667*		*87.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0567*		"	*0.0667*		*85.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30533 - EPA 3550C											
LCS (BA30533-BS2)									Prepared: 01/12/2023 Analyzed: 01/13/2023		
Aroclor 1016	0.251	0.0167	mg/kg wet	0.333		75.2	40-130				
Aroclor 1260	0.275	0.0167	"	0.333		82.4	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0437*		"	*0.0667*		*65.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0447*		"	*0.0667*		*67.0*	*30-120*				
Matrix Spike (BA30533-MS2)	*Source sample: 23A0426-03 (Matrix Spike)								Prepared: 01/12/2023 Analyzed: 01/13/2023		
Aroclor 1016	0.183	0.0174	mg/kg dry	0.348	ND	52.5	40-140				
Aroclor 1260	0.262	0.0174	"	0.348	ND	75.3	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0495*		"	*0.0697*		*71.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0436*		"	*0.0697*		*62.5*	*30-120*				
Matrix Spike Dup (BA30533-MSD2)	*Source sample: 23A0426-03 (Matrix Spike Dup)								Prepared: 01/12/2023 Analyzed: 01/13/2023		
Aroclor 1016	0.142	0.0175	mg/kg dry	0.350	ND	40.6	40-140		25.3	50	
Aroclor 1260	0.227	0.0175	"	0.350	ND	64.9	40-140		14.5	50	
Surrogate: Tetrachloro-m-xylene	*0.0482*		"	*0.0699*		*69.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0409*		"	*0.0699*		*58.5*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30695 - EPA 3015A											
Blank (BA30695-BLK1)											Prepared: 01/16/2023 Analyzed: 01/17/2023
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	0.0638	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	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BA30695-BS1)											Prepared: 01/16/2023 Analyzed: 01/17/2023
Aluminum	1.57		ug/mL	2.00		78.4	80-120	Low Bias			
Barium	1.93		"	2.00		96.3	80-120				
Calcium	0.972		"	1.00		97.2	80-120				
Chromium	0.179		"	0.200		89.6	80-120				
Cobalt	0.468		"	0.500		93.6	80-120				
Copper	0.243		"	0.250		97.4	80-120				
Iron	0.946		"	1.00		94.6	80-120				
Lead	0.448		"	0.500		89.6	80-120				
Magnesium	0.904		"	1.00		90.4	80-120				
Manganese	0.473		"	0.500		94.7	80-120				
Nickel	0.461		"	0.500		92.3	80-120				
Potassium	0.907		"	1.00		90.7	80-120				
Silver	0.0462		"	0.0500		92.4	80-120				
Sodium	1.00		"	1.00		100	80-120				
Vanadium	0.456		"	0.500		91.3	80-120				
Zinc	0.451		"	0.500		90.2	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30695 - EPA 3015A											
Duplicate (BA30695-DUP1)	*Source sample: 23A0708-05 (Duplicate)								Prepared: 01/16/2023 Analyzed: 01/17/2023		
Aluminum	0.0819	0.0556	mg/L		0.0948				14.6	20	
Barium	0.131	0.0278	"		0.132				1.27	20	
Calcium	84.4	0.0556	"		84.5				0.111	20	
Chromium	ND	0.00556	"		ND					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	0.308	0.278	"		0.311				1.14	20	
Lead	ND	0.00556	"		ND					20	
Magnesium	18.1	0.0556	"		18.4				1.97	20	
Manganese	0.133	0.00556	"		0.135				1.54	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	9.19	0.0556	"		9.28				1.01	20	
Silver	ND	0.00556	"		ND					20	
Sodium	474	0.556	"		474				0.0495	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	0.0879	0.0278	"		0.0874				0.469	20	
Matrix Spike (BA30695-MS1)	*Source sample: 23A0708-05 (Matrix Spike)								Prepared: 01/16/2023 Analyzed: 01/17/2023		
Aluminum	2.12	0.0556	mg/L	2.22	0.0948	91.2	75-125				
Barium	2.26	0.0278	"	2.22	0.132	95.9	75-125				
Calcium	84.0	0.0556	"	1.11	84.5	NR	75-125	Low Bias			
Chromium	0.202	0.00556	"	0.222	ND	90.8	75-125				
Cobalt	0.520	0.00444	"	0.556	ND	93.7	75-125				
Copper	0.289	0.0222	"	0.278	ND	104	75-125				
Iron	1.29	0.278	"	1.11	0.311	88.4	75-125				
Lead	0.484	0.00556	"	0.556	ND	87.1	75-125				
Magnesium	18.8	0.0556	"	1.11	18.4	29.3	75-125	Low Bias			
Manganese	0.654	0.00556	"	0.556	0.135	93.5	75-125				
Nickel	0.532	0.0111	"	0.556	ND	95.8	75-125				
Potassium	9.95	0.0556	"	1.11	9.28	60.0	75-125	Low Bias			
Silver	0.0491	0.00556	"	0.0556	ND	88.3	75-125				
Sodium	464	0.556	"	1.11	474	NR	75-125	Low Bias			
Vanadium	0.519	0.0111	"	0.556	ND	93.5	75-125				
Zinc	0.610	0.0278	"	0.556	0.0874	94.1	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30695 - EPA 3015A											
Post Spike (BA30695-PS1)	*Source sample: 23A0708-05 (Post Spike)							Prepared: 01/16/2023 Analyzed: 01/17/2023			
Aluminum	2.01		ug/mL	2.00	0.0853	96.1	75-125				
Barium	2.16		"	2.00	0.119	102	75-125				
Calcium	78.5		"	1.00	76.1	238	75-125	High Bias			
Chromium	0.193		"	0.200	0.00132	95.8	75-125				
Cobalt	0.492		"	0.500	0.00189	98.0	75-125				
Copper	0.276		"	0.250	0.0114	106	75-125				
Iron	1.21		"	1.00	0.280	93.0	75-125				
Lead	0.467		"	0.500	-0.00461	93.3	75-125				
Magnesium	17.1		"	1.00	16.6	45.4	75-125	Low Bias			
Manganese	0.617		"	0.500	0.122	99.0	75-125				
Nickel	0.503		"	0.500	0.00641	99.2	75-125				
Potassium	9.56		"	1.00	8.35	121	75-125				
Silver	0.0467		"	0.0500	0.00281	87.7	75-125				
Sodium	443		"	1.00	427	NR	75-125	High Bias			
Vanadium	0.493		"	0.500	0.000262	98.5	75-125				
Zinc	0.573		"	0.500	0.0787	98.8	75-125				
Batch BA30733 - EPA 3050B											
Blank (BA30733-BLK1)								Prepared: 01/16/2023 Analyzed: 01/17/2023			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30733 - EPA 3050B											
Duplicate (BA30733-DUP1)	*Source sample: 23A0706-04 (Duplicate)								Prepared: 01/16/2023 Analyzed: 01/17/2023		
Aluminum	5180	5.15	mg/kg dry		6100				16.3	35	
Antimony	3.14	2.58	"		ND					35	
Arsenic	1.71	1.55	"		ND					35	
Barium	87.6	2.57	"		103				16.5	35	
Beryllium	0.359	0.052	"		0.424				16.5	35	
Cadmium	1.13	0.309	"		0.830				30.6	35	
Calcium	30600	5.15	"		27200				11.9	35	
Chromium	64.7	0.516	"		76.8				17.1	35	
Cobalt	8.98	0.412	"		8.69				3.31	35	
Copper	313	2.06	"		213				37.9	35	Non-dir.
Iron	34500	25.8	"		25100				31.5	35	
Lead	1470	0.516	"		710				69.4	35	Non-dir.
Magnesium	10000	5.16	"		9180				8.63	35	
Manganese	286	0.516	"		239				18.1	35	
Nickel	40.1	1.03	"		39.3				1.94	35	
Potassium	868	5.16	"		1020				16.2	35	
Selenium	ND	2.58	"		ND					35	
Silver	ND	0.519	"		ND					35	
Sodium	518	51.5	"		584				11.9	35	
Thallium	ND	2.58	"		ND					35	
Vanadium	41.8	1.03	"		37.6				10.6	35	
Zinc	555	2.57	"		999				57.2	35	Non-dir.
Matrix Spike (BA30733-MS1)	*Source sample: 23A0706-04 (Matrix Spike)								Prepared: 01/16/2023 Analyzed: 01/17/2023		
Aluminum	5670	5.15	mg/kg dry	206	6100	NR	75-125	Low Bias			
Antimony	8.72	2.58	"	25.8	ND	33.8	75-125	Low Bias			
Arsenic	168	1.55	"	206	ND	81.6	75-125				
Barium	275	2.57	"	206	103	83.1	75-125				
Beryllium	4.46	0.052	"	5.15	0.424	78.2	75-125				
Cadmium	5.52	0.309	"	5.15	0.830	91.1	75-125				
Calcium	30700	5.15	"	103	27200	NR	75-125	High Bias			
Chromium	122	0.516	"	20.6	76.8	217	75-125	High Bias			
Cobalt	49.3	0.412	"	51.5	8.69	78.8	75-125				
Copper	217	2.06	"	25.8	213	14.7	75-125	Low Bias			
Iron	21900	25.8	"	103	25100	NR	75-125	Low Bias			
Lead	955	0.516	"	51.5	710	476	75-125	High Bias			
Magnesium	10800	5.16	"	103	9180	NR	75-125	High Bias			
Manganese	266	0.516	"	51.5	239	53.9	75-125	Low Bias			
Nickel	98.9	1.03	"	51.5	39.3	116	75-125				
Potassium	1180	5.16	"	103	1020	152	75-125	High Bias			
Selenium	106	2.58	"	206	ND	51.6	75-125	Low Bias			
Silver	1.42	0.519	"	5.15	ND	27.6	75-125	Low Bias			
Sodium	656	51.5	"	103	584	70.4	75-125	Low Bias			
Thallium	149	2.58	"	206	ND	72.4	75-125	Low Bias			
Vanadium	85.3	1.03	"	51.5	37.6	92.8	75-125				
Zinc	900	2.57	"	51.5	999	NR	75-125	Low Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30733 - EPA 3050B											
Post Spike (BA30733-PS1)	*Source sample: 23A0706-04 (Post Spike)							Prepared: 01/16/2023 Analyzed: 01/17/2023			
Aluminum	58.7		ug/mL	2.00	59.2	NR	75-125	Low Bias			
Antimony	0.246		"	0.250	0.019	91.0	75-125				
Arsenic	1.94		"	2.00	0.008	96.5	75-125				
Barium	2.85		"	2.00	1.00	92.4	75-125				
Beryllium	0.049		"	0.0500	0.004	89.4	75-125				
Cadmium	0.055		"	0.0500	0.008	93.4	75-125				
Calcium	255		"	1.00	264	NR	75-125	Low Bias			
Chromium	0.878		"	0.200	0.746	66.4	75-125	Low Bias			
Cobalt	0.548		"	0.500	0.084	92.7	75-125				
Copper	2.26		"	0.250	2.07	77.4	75-125				
Iron	237		"	1.00	244	NR	75-125	Low Bias			
Lead	6.94		"	0.500	6.89	10.4	75-125	Low Bias			
Magnesium	86.9		"	1.00	89.0	NR	75-125	Low Bias			
Manganese	2.70		"	0.500	2.32	77.6	75-125				
Nickel	0.856		"	0.500	0.381	95.0	75-125				
Potassium	10.8		"	1.00	9.91	89.3	75-125				
Selenium	1.21		"	2.00	-0.263	60.7	75-125	Low Bias			
Silver	0.017		"	0.0500	-0.028	34.7	75-125	Low Bias			
Sodium	6.53		"	1.00	5.66	87.0	75-125				
Thallium	1.73		"	2.00	0.002	86.4	75-125				
Vanadium	0.805		"	0.500	0.364	88.2	75-125				
Zinc	9.62		"	0.500	9.70	NR	75-125	Low Bias			
Reference (BA30733-SRM1)								Prepared: 01/16/2023 Analyzed: 01/17/2023			
Aluminum	7070	4.17	mg/kg wet	7970		88.7	49.7-150.6				
Antimony	67.9	2.08	"	136		49.9	20.4-249.3				
Arsenic	86.9	1.25	"	87.4		99.4	70-130.4				
Barium	354	2.08	"	347		102	75.2-130.3				
Beryllium	95.3	0.042	"	103		92.5	74.8-132				
Cadmium	152	0.250	"	160		95.3	75-145.6				
Calcium	3910	4.17	"	4100		95.4	71.7-139.3				
Chromium	217	0.417	"	231		94.0	70.1-134.2				
Cobalt	231	0.333	"	241		95.9	75.1-141.5				
Copper	149	1.67	"	144		103	75-126.4				
Iron	12800	20.8	"	14200		90.3	35.3-164.8				
Lead	250	0.417	"	266		94.0	74.1-125.9				
Magnesium	2130	4.17	"	2220		95.7	61.3-138.7				
Manganese	528	0.417	"	555		95.2	77.3-132.8				
Nickel	345	0.830	"	350		98.7	70-144				
Potassium	1840	4.17	"	1940		95.0	58.2-141.8				
Selenium	80.4	2.08	"	130		61.9	66.9-133.8	Low Bias			
Silver	54.2	0.420	"	57.1		94.9	70.2-129.8				
Sodium	128	41.7	"	117		109	30.5-170.1				
Thallium	70.4	2.08	"	75.4		93.4	64.3-135.3				
Vanadium	81.5	0.830	"	88.6		92.0	65.6-134.3				
Zinc	145	2.08	"	160		90.8	70-130				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30461 - EPA 3015A											
Blank (BA30461-BLK1)								Prepared & Analyzed: 01/11/2023			
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 (BA30461-BS1)								Prepared & Analyzed: 01/11/2023			
Antimony	51.1		ug/L	50.0		102	80-120				
Arsenic	55.8		"	50.0		112	80-120				
Beryllium	41.9		"	50.0		83.7	80-120				
Cadmium	53.3		"	50.0		107	80-120				
Selenium	61.7		"	50.0		123	80-120	High Bias			
Thallium	72.2		"	50.0		144	80-120	High Bias			
Duplicate (BA30461-DUP1)	*Source sample: 23A0435-01 (Field Blank 011023)							Prepared: 01/11/2023 Analyzed: 01/12/2023			
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	"		ND					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Selenium	ND	1.11	"		ND					20	
Thallium	ND	1.11	"		ND					20	
Matrix Spike (BA30461-MS1)	*Source sample: 23A0435-01 (Field Blank 011023)							Prepared: 01/11/2023 Analyzed: 01/12/2023			
Antimony	46.3		ug/L	50.0	-0.027	92.6	75-125				
Arsenic	50.9		"	50.0	-0.005	102	75-125				
Beryllium	50.2		"	50.0	-0.013	100	75-125				
Cadmium	46.6		"	50.0	-0.009	93.2	75-125				
Selenium	53.0		"	50.0	0.100	106	75-125				
Thallium	55.6		"	50.0	-0.040	111	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30474 - EPA 7473 soil											
Blank (BA30474-BLK1)								Prepared & Analyzed: 01/11/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BA30474-DUP1)	*Source sample: 23A0423-01 (Duplicate)							Prepared & Analyzed: 01/11/2023			
Mercury	0.201	0.0373	mg/kg dry		0.160				22.4	35	
Matrix Spike (BA30474-MS1)	*Source sample: 23A0423-01 (Matrix Spike)							Prepared & Analyzed: 01/11/2023			
Mercury	0.660		mg/kg	0.500	0.129	106	75-125				
Reference (BA30474-SRM1)								Prepared & Analyzed: 01/11/2023			
Mercury	28.587		mg/kg	27.2		105	59.9-140.1				
Batch BA30626 - EPA SW846-7470A											
Blank (BA30626-BLK1)								Prepared & Analyzed: 01/13/2023			
Mercury	ND	0.0002	mg/L								
Blank (BA30626-BLK2)								Prepared & Analyzed: 01/13/2023			
Mercury	ND	0.0002	mg/L								
LCS (BA30626-BS1)								Prepared & Analyzed: 01/13/2023			
Mercury	0.0019807	0.0002	mg/L	0.00200		99.0	80-120				
LCS (BA30626-BS2)								Prepared & Analyzed: 01/13/2023			
Mercury	0.0019324	0.0002	mg/L	0.00200		96.6	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30822 - EPA SW846-3060											
Blank (BA30822-BLK1)								Prepared & Analyzed: 01/17/2023			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BA30822-DUP1)	*Source sample: 23A0372-02 (Duplicate)							Prepared & Analyzed: 01/17/2023			
Chromium, Hexavalent	3.34	0.535	mg/kg dry		3.81				13.2	35	
Matrix Spike (BA30822-MS1)	*Source sample: 23A0372-02 (Matrix Spike)							Prepared & Analyzed: 01/17/2023			
Chromium, Hexavalent	55.9	0.535	mg/kg dry	21.4	3.81	243	75-125	High Bias			
Reference (BA30822-SRM1)								Prepared & Analyzed: 01/17/2023			
Chromium, Hexavalent	277		mg/L	227		122	42.3-157.7				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30451 - % Solids Prep											
Duplicate (BA30451-DUP1)	*Source sample: 23A0447-01 (Duplicate)								Prepared & Analyzed: 01/11/2023		
% Solids	94.1	0.100	%		94.0				0.147	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23A0435-01	Field Blank 011023	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A0435-03	23SB-6(0-2)	40mL Vial with Stir Bar-Cool 4° C
23A0435-04	23SB-6(2-4)	40mL Vial with Stir Bar-Cool 4° C
23A0435-05	23SB-6(4-5)	8 oz. WM Clear Glass Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
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.
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.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-PS	This Element exhibted recovery outside control limits for the Post Spike.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
PCB-I	PCB calculations are based uoon the average response of 5 peaks for each Aroclor. For this sample an internference was present and the analyst was unable to use all 5 peaks.
VOA-Re	VOA sample for re-run was taken from a bulk sample container noncompliant with SW-846 5035A due to a depletion of a proper vial during analysis. Results below 200 ug/Kg may be biased low.
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-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-08	The recovery of this surrogate was outside of QC limits.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.

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: Trip blank was not received by the lab.

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. 23A0435

120 Research Drive Stratford, CT 06615 - 132-02 89th Ave Queens, NY 11418 - 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: Vollter Consulting	Company:	Company:
Address: 37 W. 37th St. - 6th Flr NY, NY 10018	Address:	Address:
Phone.: 347-871-0750	Phone.:	Phone.:
Contact: Engineering	Contact:	Contact:
E-mail: Eng@VollterConsultants.com	E-mail: DMiller@VollterConsultants.com	E-mail: AP@VollterConsultants.com

YOUR Project Number

YOUR Project Name: 315 Grand Concourse Bronx, NY

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) ✓
- (7-10 for PFAS)

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.

Dave Miller

Samples Collected by: (print AND sign your name)

Matrix Codes

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

Samples From

- New York ✓
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Part 375 w/ RRU

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
Field Blank 01073	FB	1/10/23 1215	TCL VOCs, SVOCs, Pest, PCB, TAL Metals, 1,4 Dioxane, PFAS (537)	3-Clear glass 1-liter w/ Nitric, 3-VOA, 3 PFAS	
TB	TB	"	TCL VOCs	2-VOA	
23SB-6(0-2)	S	1/10/23 1200	TCL VOCs, SVOCs, Pest, PCB, TAL Metals, 1,4 Dioxane, PFAS (537)	1-4oz, 1-8oz, 1-Encore, PFAS	
23SB-6(2-4)	S	1/10/23 1205	"	"	
23SB-6(4-5)	S	1/10/23 1210	"	"	

Comments:

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

- Field Filtered
- Lab to Filter

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

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Dave Miller	1/10/23 1240	Andrew S-Yuk	1/10/23 1240	Andrew S-Yuk	1/10/23 1655
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Victor D. York	1/10/23 1655	Victor D. York	1/10/23 1993		
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				[illegible]	1/10/23 1993

Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 02/07/2023
Client Project ID: 315 Grand Concourse Bronx NY
York Project (SDG) No.: 23A0580

Revision No. 1.0

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: 02/07/2023
Client Project ID: 315 Grand Concourse Bronx NY
York Project (SDG) No.: 23A0580

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

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 January 12, 2023 and listed below. The project was identified as your project: **315 Grand Concourse Bronx 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
23A0580-01	23SB-8 (0-1.5 Ft)	Soil	01/12/2023	01/12/2023
23A0580-02	FB011223	Water	01/12/2023	01/12/2023
23A0580-03	Trip Blank	Water	01/12/2023	01/12/2023

General Notes for York Project (SDG) No.: 23A0580

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:** 02/07/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: 23SB-8 (0-1.5 Ft) **York Sample ID:** 23A0580-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Soil	January 12, 2023 9:30 am	01/12/2023

VOA, 8260 MASTER **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:	01/18/2023 09:00	01/18/2023 19:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	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:	01/18/2023 09:00	01/18/2023 19:40 CTDOH-PH-0723,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:	01/18/2023 09:00	01/18/2023 19:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40 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:	01/18/2023 09:00	01/18/2023 19:40 NELAC-NY10854,NELAC-NY12058,NJDEP	FTR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40 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:	01/18/2023 09:00	01/18/2023 19:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.092	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	FTR
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	FTR

Sample Information

Client Sample ID: **23SB-8 (0-1.5 Ft)** **York Sample ID:** **23A0580-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Soil	January 12, 2023 9:30 am	01/12/2023

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	**Acetone**	**0.033**		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: 23SB-8 (0-1.5 Ft) **York Sample ID:** 23A0580-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Soil	January 12, 2023 9:30 am	01/12/2023

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications:	01/18/2023 09:00	01/18/2023 19:40	FTR CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*77-125*

Sample Information

Client Sample ID: 23SB-8 (0-1.5 Ft) **York Sample ID:** 23A0580-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Soil	January 12, 2023 9:30 am	01/12/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.7 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*			*76-130*						

SVOA, 8270 MASTER

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	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D Certifications:	01/18/2023 10:59 NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 NELAC-NY10854,PADEP	01/19/2023 10:24	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 NELAC-NY10854,PADEP	01/19/2023 10:24	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 NELAC-NY10854,PADEP	01/19/2023 10:24	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D Certifications:	01/18/2023 10:59 NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH

Sample Information

Client Sample ID: 23SB-8 (0-1.5 Ft) **York Sample ID:** 23A0580-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Soil	January 12, 2023 9:30 am	01/12/2023

SVOA, 8270 MASTER

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
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
62-53-3	Aniline	ND		mg/kg dry	0.173	0.347	2	EPA 8270D Certifications:	01/18/2023 10:59 NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
92-87-5	Benzidine	ND		mg/kg dry	0.173	0.347	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,PADEP	01/19/2023 10:24	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH

Sample Information

Client Sample ID: 23SB-8 (0-1.5 Ft) **York Sample ID:** 23A0580-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Soil	January 12, 2023 9:30 am	01/12/2023

SVOA, 8270 MASTER

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
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0866	0.173	2	EPA 8270D Certifications:	01/18/2023 10:59 NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications:	01/18/2023 10:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/19/2023 10:24	KH

Sample Information

Client Sample ID: 23SB-8 (0-1.5 Ft) **York Sample ID:** 23A0580-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Soil	January 12, 2023 9:30 am	01/12/2023

SVOA, 8270 MASTER

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
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 10:59	01/19/2023 10:24	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 10:59	01/19/2023 10:24	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 10:59	01/19/2023 10:24	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 10:59	01/19/2023 10:24	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 10:59	01/19/2023 10:24	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 10:59	01/19/2023 10:24	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 10:59	01/19/2023 10:24	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 10:59	01/19/2023 10:24	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 10:59	01/19/2023 10:24	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 10:59	01/19/2023 10:24	KH
108-95-2	Phenol	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 10:59	01/19/2023 10:24	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0434	0.0866	2	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 10:59	01/19/2023 10:24	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*%*	S-01	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*2.96 %*	S-01	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.3 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.4 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*%*	S-01	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.6 %*		*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	19.6	1	EPA 8270D SIM Certifications: NELAC-NY10854	01/17/2023 09:08	01/18/2023 11:19	GMA

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*65.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

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

Sample Information

Client Sample ID: 23SB-8 (0-1.5 Ft) **York Sample ID:** 23A0580-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Soil	January 12, 2023 9:30 am	01/12/2023

Sample Prepared by Method: EPA 1633 Prep

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	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.416	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.832	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.832	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.832	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.416	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.416	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ

Sample Information

Client Sample ID: 23SB-8 (0-1.5 Ft) **York Sample ID:** 23A0580-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Soil	January 12, 2023 9:30 am	01/12/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.416	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.416	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.832	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.832	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.832	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.832	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.832	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	1.04	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	5.20	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	5.20	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	2.08	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
31506-32-8	* **N-MeFOSA**	**0.757**		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	2.08	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.208	1	EPA 1633 Draft 2 Certifications:	01/17/2023 10:23	01/20/2023 20:50	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*73.5 %*	*25-150*
Surrogate: M5PFHxA	*69.6 %*	*25-150*
Surrogate: M4PFHpA	*59.8 %*	*25-150*
Surrogate: M3PFHxS	*89.7 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*66.3 %*	*25-150*
Surrogate: M6PFDA	*63.6 %*	*25-150*
Surrogate: M7PFUdA	*56.5 %*	*25-150*

Sample Information

Client Sample ID: 23SB-8 (0-1.5 Ft) **York Sample ID:** 23A0580-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Soil	January 12, 2023 9:30 am	01/12/2023

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*40.3 %*		*25-150*						
	Surrogate: M2PFTeDA	*29.9 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*61.3 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*79.6 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*65.0 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.60 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*40.3 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*43.4 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*52.7 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*42.7 %*		*25-200*						
	Surrogate: M9PFNA	*60.6 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*44.1 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*4.96 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*41.3 %*		*25-150*						
	Surrogate: M3HFPO-DA	*74.1 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*6.53 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*6.38 %*		*25-150*						

PEST, 8081 MASTER

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	0.00172	5	EPA 8081B Certifications:	01/15/2023 10:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 22:52	BJ
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications:	01/15/2023 10:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 22:52	BJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications:	01/15/2023 10:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 22:52	BJ
309-00-2	Aldrin	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications:	01/15/2023 10:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 22:52	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications:	01/15/2023 10:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 22:52	BJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications:	01/15/2023 10:09 NELAC-NY10854,NJDEP	01/18/2023 22:52	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications:	01/15/2023 10:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 22:52	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications:	01/15/2023 10:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 22:52	BJ

Sample Information

Client Sample ID: 23SB-8 (0-1.5 Ft) **York Sample ID:** 23A0580-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Soil	January 12, 2023 9:30 am	01/12/2023

PEST, 8081 MASTER

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
60-57-1	Dieldrin	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications:	01/15/2023 10:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 22:52	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications:	01/15/2023 10:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 22:52	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications:	01/15/2023 10:09 CTDOH-PH-0723,NELAC-NY10854	01/18/2023 22:52	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications:	01/15/2023 10:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 22:52	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications:	01/15/2023 10:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 22:52	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications:	01/15/2023 10:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 22:52	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications:	01/15/2023 10:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 22:52	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications:	01/15/2023 10:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 22:52	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications:	01/15/2023 10:09 NELAC-NY10854,NJDEP	01/18/2023 22:52	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications:	01/15/2023 10:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 22:52	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications:	01/15/2023 10:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 22:52	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications:	01/15/2023 10:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 22:52	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.172	5	EPA 8081B Certifications:	01/15/2023 10:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 22:52	BJ
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0345	5	EPA 8081B Certifications:	01/15/2023 10:09	01/18/2023 22:52	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.1 %*	*30-150*

PCB, 8082 MASTER

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	0.0174	1	EPA 8082A Certifications:	01/15/2023 10:09 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/18/2023 17:39	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	01/15/2023 10:09 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/18/2023 17:39	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	01/15/2023 10:09 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/18/2023 17:39	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	01/15/2023 10:09 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/18/2023 17:39	BJ

Sample Information

Client Sample ID: 23SB-8 (0-1.5 Ft) **York Sample ID:** 23A0580-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Soil	January 12, 2023 9:30 am	01/12/2023

PCB, 8082 MASTER

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
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	01/15/2023 10:09 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/18/2023 17:39	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	01/15/2023 10:09 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/18/2023 17:39	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	01/15/2023 10:09 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/18/2023 17:39	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	01/15/2023 10:09	01/18/2023 17:39	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.5 %*	*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**	**9480**		mg/kg dry	4.37	1	EPA 6010D Certifications:	01/17/2023 14:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 12:58	CW
7440-36-0	Antimony	ND		mg/kg dry	2.18	1	EPA 6010D Certifications:	01/17/2023 14:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 12:58	CW
7440-38-2	**Arsenic**	**1.45**		mg/kg dry	1.31	1	EPA 6010D Certifications:	01/17/2023 14:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 12:58	CW
7440-39-3	**Barium**	**71.8**		mg/kg dry	2.18	1	EPA 6010D Certifications:	01/17/2023 14:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 12:58	CW
7440-41-7	**Beryllium**	**1.21**		mg/kg dry	0.044	1	EPA 6010D Certifications:	01/17/2023 14:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 12:58	CW
7440-43-9	**Cadmium**	**0.322**		mg/kg dry	0.262	1	EPA 6010D Certifications:	01/17/2023 14:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 12:58	CW
7440-70-2	**Calcium**	**109000**		mg/kg dry	4.37	1	EPA 6010D Certifications:	01/17/2023 14:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 12:58	CW
7440-47-3	**Chromium**	**66.6**		mg/kg dry	0.437	1	EPA 6010D Certifications:	01/17/2023 14:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 12:58	CW
7440-48-4	**Cobalt**	**10.5**		mg/kg dry	0.349	1	EPA 6010D Certifications:	01/17/2023 14:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 12:58	CW
7440-50-8	**Copper**	**32.5**		mg/kg dry	1.75	1	EPA 6010D Certifications:	01/17/2023 14:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 12:58	CW
7439-89-6	**Iron**	**17700**		mg/kg dry	21.8	1	EPA 6010D Certifications:	01/17/2023 14:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 12:58	CW
7439-92-1	**Lead**	**5.86**		mg/kg dry	0.437	1	EPA 6010D Certifications:	01/17/2023 14:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 12:58	CW
7439-95-4	**Magnesium**	**29500**		mg/kg dry	4.37	1	EPA 6010D Certifications:	01/17/2023 14:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/18/2023 12:58	CW

Sample Information

Client Sample ID: 23SB-8 (0-1.5 Ft) **York Sample ID:** 23A0580-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Soil	January 12, 2023 9:30 am	01/12/2023

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**	**186**		mg/kg dry	0.437	1	EPA 6010D	01/17/2023 14:55	01/18/2023 12:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**45.2**		mg/kg dry	0.870	1	EPA 6010D	01/17/2023 14:55	01/18/2023 12:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**4650**	B	mg/kg dry	4.37	1	EPA 6010D	01/17/2023 14:55	01/18/2023 12:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.18	1	EPA 6010D	01/17/2023 14:55	01/18/2023 12:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.440	1	EPA 6010D	01/17/2023 14:55	01/18/2023 12:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**487**		mg/kg dry	43.7	1	EPA 6010D	01/17/2023 14:55	01/18/2023 12:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.18	1	EPA 6010D	01/17/2023 14:55	01/18/2023 12:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**50.0**		mg/kg dry	0.870	1	EPA 6010D	01/17/2023 14:55	01/18/2023 12:58	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**43.1**		mg/kg dry	2.18	1	EPA 6010D	01/17/2023 14:55	01/18/2023 12:58	CW
							Certifications:	CTDOH-PH-0723,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	0.0314	1	EPA 7473	01/16/2023 09:13	01/16/2023 14:01	MR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**0.839**		mg/kg dry	0.524	1	EPA 7196A	02/06/2023 07:28	02/06/2023 14:46	sgs
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

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
16065-83-1	* **Chromium, Trivalent**	**65.8**		mg/kg	0.500	1	Calculation	02/07/2023 08:13	02/07/2023 10:52	PAM
							Certifications:			

Total Solids

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

Sample Information

Client Sample ID: 23SB-8 (0-1.5 Ft) **York Sample ID:** 23A0580-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Soil	January 12, 2023 9:30 am	01/12/2023

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**	**95.4**		%	0.100	1	SM 2540G	01/17/2023 07:34	01/17/2023 14:11	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: FB011223 **York Sample ID:** 23A0580-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Water	January 12, 2023 9:30 am	01/12/2023

VOA, 8260 LOW MASTER **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	0.216	0.500	1	EPA 8260C	01/16/2023 09:00	01/16/2023 16:18	PD
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	01/16/2023 09:00	01/16/2023 16:18	PD
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	01/16/2023 09:00	01/16/2023 16:18	PD
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	01/16/2023 09:00	01/16/2023 16:18	PD
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	01/16/2023 09:00	01/16/2023 16:18	PD
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	01/16/2023 09:00	01/16/2023 16:18	PD
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	01/16/2023 09:00	01/16/2023 16:18	PD
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C	01/16/2023 09:00	01/16/2023 16:18	PD
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	01/16/2023 09:00	01/16/2023 16:18	PD
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C	01/16/2023 09:00	01/16/2023 16:18	PD
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	01/16/2023 09:00	01/16/2023 16:18	PD
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C	01/16/2023 09:00	01/16/2023 16:18	PD
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C	01/16/2023 09:00	01/16/2023 16:18	PD
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C	01/16/2023 09:00	01/16/2023 16:18	PD
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C	01/16/2023 09:00	01/16/2023 16:18	PD
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			

Sample Information

Client Sample ID: FB011223 **York Sample ID:** 23A0580-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Water	January 12, 2023 9:30 am	01/12/2023

VOA, 8260 LOW MASTER

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: FB011223 **York Sample ID:** 23A0580-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Water	January 12, 2023 9:30 am	01/12/2023

VOA, 8260 LOW MASTER

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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
91-20-3	**Naphthalene**	**1.28**	J	ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 16:18 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD

Sample Information

Client Sample ID: FB011223 **York Sample ID:** 23A0580-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Water	January 12, 2023 9:30 am	01/12/2023

VOA, 8260 LOW MASTER

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
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/16/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/16/2023 16:18	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 16:18	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 16:18	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 16:18	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 16:18	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 16:18	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 16:18	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 16:18	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 16:18	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/16/2023 16:18	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.7 %*	*79-122*

SVOA, 8270 LOW MASTER

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:	01/13/2023 08:32 NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32 NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32 NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH

Sample Information

Client Sample ID: FB011223 **York Sample ID:** 23A0580-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Water	January 12, 2023 9:30 am	01/12/2023

SVOA, 8270 LOW MASTER

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
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.26	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: FB011223 **York Sample ID:** 23A0580-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Water	January 12, 2023 9:30 am	01/12/2023

SVOA, 8270 LOW MASTER

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
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.05	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32 NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.26	10.5	1	EPA 8270D Certifications:	01/13/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH
2312-35-8	* Propargite	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32	01/16/2023 11:53	KH
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/13/2023 08:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/16/2023 11:53	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*29.6 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*16.5 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*77.7 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.1 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*79.0 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.3 %*	*30.7-106*

SVOA, 8270 SIM MASTER

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

Sample Information

Client Sample ID: FB011223 **York Sample ID:** 23A0580-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Water	January 12, 2023 9:30 am	01/12/2023

SVOA, 8270 SIM MASTER

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-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 08:32	01/16/2023 11:19	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 08:32	01/16/2023 11:19	KH
120-12-7	Anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 08:32	01/16/2023 11:19	KH
1912-24-9	Atrazine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/13/2023 08:32	01/16/2023 11:19	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 08:32	01/16/2023 11:19	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 08:32	01/16/2023 11:19	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 08:32	01/16/2023 11:19	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 08:32	01/16/2023 11:19	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 08:32	01/16/2023 11:19	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/13/2023 08:32	01/16/2023 11:19	KH
218-01-9	Chrysene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 08:32	01/16/2023 11:19	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 08:32	01/16/2023 11:19	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 08:32	01/16/2023 11:19	KH
86-73-7	**Fluorene**	**0.221**		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 08:32	01/16/2023 11:19	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/13/2023 08:32	01/16/2023 11:19	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/13/2023 08:32	01/16/2023 11:19	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/13/2023 08:32	01/16/2023 11:19	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 08:32	01/16/2023 11:19	KH
91-20-3	**Naphthalene**	**0.0632**		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 08:32	01/16/2023 11:19	KH
98-95-3	Nitrobenzene	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/13/2023 08:32	01/16/2023 11:19	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/13/2023 08:32	01/16/2023 11:19	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/13/2023 08:32	01/16/2023 11:19	KH
85-01-8	Phenanthrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 08:32	01/16/2023 11:19	KH

Sample Information

Client Sample ID: FB011223 **York Sample ID:** 23A0580-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Water	January 12, 2023 9:30 am	01/12/2023

SVOA, 8270 SIM MASTER

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
129-00-0	Pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/13/2023 08:32	01/16/2023 11:19	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	01/16/2023 08:41	01/16/2023 16:25	RB

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*78.3 %*	*36.6-118*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

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	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ

Sample Information

Client Sample ID: FB011223 **York Sample ID:** 23A0580-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Water	January 12, 2023 9:30 am	01/12/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	7.38	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	14.8	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	14.8	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	14.8	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	7.38	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	7.38	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	7.38	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	7.38	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	14.8	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	14.8	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	14.8	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	14.8	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
919005-14-4	* ADONA	ND		ng/L	14.8	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	9.23	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	46.2	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	46.2	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ

Sample Information

Client Sample ID: FB011223 **York Sample ID:** 23A0580-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Water	January 12, 2023 9:30 am	01/12/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
24448-09-7	* N-MeFOSE	ND		ng/L	36.9	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	3.69	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	36.9	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	0.369	1	EPA 1633 Draft 2 Certifications:	01/16/2023 13:06	01/17/2023 18:26	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*116 %*	*25-150*
Surrogate: M5PFHxA	*116 %*	*25-150*
Surrogate: M4PFHpA	*99.4 %*	*25-150*
Surrogate: M3PFHxS	*132 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*103 %*	*25-150*
Surrogate: M6PFDA	*120 %*	*25-150*
Surrogate: M7PFUdA	*113 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*102 %*	*25-150*
Surrogate: M2PFTeDA	*58.5 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*114 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*116 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*114 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*115 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*73.8 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*75.3 %*	*25-150*
Surrogate: M2-6:2 FTS	*110 %*	*25-200*
Surrogate: M2-8:2 FTS	*99.5 %*	*25-200*
Surrogate: M9PFNA	*109 %*	*25-150*
Surrogate: M2-4:2 FTS	*99.8 %*	*25-150*
Surrogate: d-N-MeFOSA	*87.2 %*	*25-150*
Surrogate: d-N-EtFOSA	*122 %*	*25-150*
Surrogate: M3HFPO-DA	*106 %*	*25-150*
Surrogate: d9-N-EtFOSE	*55.1 %*	*25-150*
Surrogate: d7-N-MeFOSE	*71.3 %*	*25-150*

Sample Information

Client Sample ID: FB011223 **York Sample ID:** 23A0580-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Water	January 12, 2023 9:30 am	01/12/2023

PEST, 8081 MASTER **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	0.00410	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.205	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57	BJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0103	1	EPA 8081B Certifications:	01/13/2023 08:14	01/16/2023 19:57	BJ

Sample Information

Client Sample ID: FB011223 **York Sample ID:** 23A0580-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Water	January 12, 2023 9:30 am	01/12/2023

PEST, 8081 MASTER

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
	Surrogate Recoveries	**Result**		**Acceptance Range**						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.1 %*		*30-150*						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*116 %*		*30-150*						

PCB, 8082 MASTER

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	0.0513	1	EPA 8082A Certifications:	01/13/2023 08:14 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/13/2023 18:35	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications:	01/13/2023 08:14 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/13/2023 18:35	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications:	01/13/2023 08:14 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/13/2023 18:35	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications:	01/13/2023 08:14 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/13/2023 18:35	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A Certifications:	01/13/2023 08:14 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/13/2023 18:35	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A Certifications:	01/13/2023 08:14 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/13/2023 18:35	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A Certifications:	01/13/2023 08:14 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/13/2023 18:35	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A Certifications:	01/13/2023 08:14	01/13/2023 18:35	BJ
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*128 %*		*30-150*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*103 %*		*30-150*						

Metals, Target Analyte

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	ND		mg/L	0.056	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW
7440-36-0	Antimony	ND		mg/L	0.028	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW
7440-38-2	Arsenic	ND		mg/L	0.017	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW
7440-39-3	Barium	ND		mg/L	0.028	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW
7440-41-7	Beryllium	ND		mg/L	0.0006	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW

Sample Information

Client Sample ID: FB011223 **York Sample ID:** 23A0580-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Water	January 12, 2023 9:30 am	01/12/2023

Metals, Target Analyte

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
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW
7440-70-2	Calcium	ND		mg/L	0.056	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW
7440-48-4	Cobalt	ND		mg/L	0.004	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW
7440-50-8	Copper	ND		mg/L	0.022	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW
7439-95-4	Magnesium	ND		mg/L	0.056	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW
7439-96-5	Manganese	ND		mg/L	0.006	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW
7440-02-0	Nickel	ND		mg/L	0.011	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW
7440-09-7	Potassium	ND		mg/L	0.056	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW
7782-49-2	* Selenium	ND		mg/L	0.028	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723	01/17/2023 10:18	CW
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW
7440-28-0	Thallium	ND		mg/L	0.028	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW
7440-66-6	Zinc	ND		mg/L	0.028	1	EPA 6010D Certifications:	01/16/2023 09:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 10:18	CW

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:	01/17/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/17/2023 08:33	AD

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **23A0580-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Water	January 12, 2023 12:00 am	01/12/2023

VOA, 8260 LOW MASTER **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	0.216	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23A0580-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Water	January 12, 2023 12:00 am	01/12/2023

VOA, 8260 LOW MASTER

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	0.365	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23A0580-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Water	January 12, 2023 12:00 am	01/12/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00	01/16/2023 13:37 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **23A0580-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0580	315 Grand Concourse Bronx NY	Water	January 12, 2023 12:00 am	01/12/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/16/2023 13:37	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/16/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/16/2023 13:37	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.8 %*	*79-122*

Analytical Batch Summary

Batch ID: BA30608 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** AAL

YORK Sample ID	Client Sample ID	Preparation Date
23A0580-02	FB011223	01/13/23
23A0580-02	FB011223	01/13/23
BA30608-BLK1	Blank	01/13/23
BA30608-BLK2	Blank	01/13/23
BA30608-BS1	LCS	01/13/23
BA30608-BS2	LCS	01/13/23
BA30608-BSD1	LCS Dup	01/13/23
BA30608-BSD2	LCS Dup	01/13/23

Batch ID: BA30615 **Preparation Method:** EPA 3510C **Prepared By:** RST

YORK Sample ID	Client Sample ID	Preparation Date
23A0580-02	FB011223	01/13/23
BA30615-BLK1	Blank	01/13/23
BA30615-BLK2	Blank	01/13/23
BA30615-BS1	LCS	01/13/23
BA30615-BS2	LCS	01/13/23
BA30615-BSD1	LCS Dup	01/13/23

Batch ID: BA30674 **Preparation Method:** EPA 3550C **Prepared By:** CLO

YORK Sample ID	Client Sample ID	Preparation Date
23A0580-01	23SB-8 (0-1.5 Ft)	01/15/23
23A0580-01	23SB-8 (0-1.5 Ft)	01/15/23
BA30674-BLK1	Blank	01/15/23
BA30674-BLK2	Blank	01/15/23
BA30674-BS1	LCS	01/15/23
BA30674-BS2	LCS	01/15/23
BA30674-MS2	Matrix Spike	01/15/23
BA30674-MSD2	Matrix Spike Dup	01/15/23

Batch ID: BA30692 **Preparation Method:** EPA 3535A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23A0580-02	FB011223	01/16/23
BA30692-BLK1	Blank	01/16/23
BA30692-BS1	LCS	01/16/23
BA30692-MS1	Matrix Spike	01/16/23
BA30692-MSD1	Matrix Spike Dup	01/16/23

Batch ID: BA30695 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date

23A0580-02	FB011223	01/16/23
BA30695-BLK1	Blank	01/16/23
BA30695-BS1	LCS	01/16/23
BA30695-DUP1	Duplicate	01/16/23
BA30695-MS1	Matrix Spike	01/16/23
BA30695-PS1	Post Spike	01/16/23

Batch ID: BA30697 **Preparation Method:** EPA 7473 soil **Prepared By:** MR

YORK Sample ID	Client Sample ID	Preparation Date
23A0580-01	23SB-8 (0-1.5 Ft)	01/16/23
BA30697-BLK1	Blank	01/16/23
BA30697-DUP1	Duplicate	01/16/23
BA30697-MS1	Matrix Spike	01/16/23
BA30697-SRM1	Reference	01/16/23

Batch ID: BA30720 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23A0580-02	FB011223	01/16/23
23A0580-03	Trip Blank	01/16/23
BA30720-BLK1	Blank	01/16/23
BA30720-BS1	LCS	01/16/23
BA30720-BSD1	LCS Dup	01/16/23

Batch ID: BA30727 **Preparation Method:** EPA 1633 Prep **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
23A0580-02	FB011223	01/16/23
BA30727-BLK1	Blank	01/16/23
BA30727-BS1	LCS	01/16/23
BA30727-BS2	LCS	01/16/23
BA30727-DUP1	Duplicate	01/16/23

Batch ID: BA30769 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23A0580-01	23SB-8 (0-1.5 Ft)	01/17/23
BA30769-DUP1	Duplicate	01/17/23

Batch ID: BA30778 **Preparation Method:** EPA SW846-7470A **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
23A0580-02	FB011223	01/17/23
BA30778-BLK1	Blank	01/17/23
BA30778-BS1	LCS	01/17/23
BA30778-DUP1	Duplicate	01/17/23
BA30778-MS1	Matrix Spike	01/17/23

Batch ID: BA30794 **Preparation Method:** EPA 3550C **Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
23A0580-01	23SB-8 (0-1.5 Ft)	01/17/23
BA30794-BLK1	Blank	01/17/23
BA30794-BS1	LCS	01/17/23
BA30794-MS1	Matrix Spike	01/17/23
BA30794-MSD1	Matrix Spike Dup	01/17/23

Batch ID: BA30803 **Preparation Method:** EPA 1633 Prep **Prepared By:** WJH

YORK Sample ID	Client Sample ID	Preparation Date
23A0580-01	23SB-8 (0-1.5 Ft)	01/17/23
BA30803-BLK1	Blank	01/17/23
BA30803-BS1	LCS	01/17/23
BA30803-BS2	LCS	01/17/23
BA30803-DUP1	Duplicate	01/17/23

Batch ID: BA30827 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23A0580-01	23SB-8 (0-1.5 Ft)	01/17/23
BA30827-BLK1	Blank	01/17/23
BA30827-DUP1	Duplicate	01/17/23
BA30827-MS1	Matrix Spike	01/17/23
BA30827-PS1	Post Spike	01/17/23
BA30827-SRM1	Reference	01/17/23

Batch ID: BA30877 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23A0580-01	23SB-8 (0-1.5 Ft)	01/18/23
BA30877-BLK1	Blank	01/18/23
BA30877-BS1	LCS	01/18/23
BA30877-MS1	Matrix Spike	01/18/23
BA30877-MSD1	Matrix Spike Dup	01/18/23

Batch ID: BA30926 **Preparation Method:** EPA 5035A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
23A0580-01	23SB-8 (0-1.5 Ft)	01/18/23
BA30926-BLK1	Blank	01/18/23
BA30926-BLK2	Blank	01/18/23
BA30926-BS1	LCS	01/18/23
BA30926-BSD1	LCS Dup	01/18/23

Batch ID: BB30250 **Preparation Method:** EPA SW846-3060 **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23A0580-01	23SB-8 (0-1.5 Ft)	02/06/23
BB30250-BLK1	Blank	02/06/23
BB30250-DUP1	Duplicate	02/06/23
BB30250-MS1	Matrix Spike	02/06/23
BB30250-SRM1	Reference	02/06/23

Batch ID: BB30343 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
23A0580-01	23SB-8 (0-1.5 Ft)	02/07/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30720 - EPA 5030B											
Blank (BA30720-BLK1)											Prepared & Analyzed: 01/16/2023
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30720 - EPA 5030B											
Blank (BA30720-BLK1)								Prepared & Analyzed: 01/16/2023			
Methylcyclohexane	ND	0.500	ug/L								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.86*		*"*	*10.0*		*98.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
LCS (BA30720-BS1)								Prepared & Analyzed: 01/16/2023			
1,1,1,2-Tetrachloroethane	9.90		ug/L	10.0		99.0	82-126				
1,1,1-Trichloroethane	9.61		"	10.0		96.1	78-136				
1,1,2,2-Tetrachloroethane	9.88		"	10.0		98.8	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165				
1,1,2-Trichloroethane	9.43		"	10.0		94.3	82-123				
1,1-Dichloroethane	9.02		"	10.0		90.2	82-129				
1,1-Dichloroethylene	9.77		"	10.0		97.7	68-138				
1,2,3-Trichlorobenzene	7.84		"	10.0		78.4	76-136				
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128				
1,2,4-Trichlorobenzene	8.76		"	10.0		87.6	76-137				
1,2,4-Trimethylbenzene	9.93		"	10.0		99.3	82-132				
1,2-Dibromo-3-chloropropane	8.14		"	10.0		81.4	45-147				
1,2-Dibromoethane	8.96		"	10.0		89.6	83-124				
1,2-Dichlorobenzene	9.23		"	10.0		92.3	79-123				
1,2-Dichloroethane	0.760		"	10.0		7.60	73-132	Low Bias			
1,2-Dichloropropane	9.76		"	10.0		97.6	78-126				
1,3,5-Trimethylbenzene	9.74		"	10.0		97.4	80-131				
1,3-Dichlorobenzene	9.40		"	10.0		94.0	86-122				
1,3-Dichloropropane	9.15		"	10.0		91.5	81-125				
1,4-Dichlorobenzene	9.11		"	10.0		91.1	85-124				
1,4-Dioxane	166		"	210		79.0	10-349				
2-Butanone	8.30		"	10.0		83.0	49-152				
2-Hexanone	7.39		"	10.0		73.9	51-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30720 - EPA 5030B											
LCS (BA30720-BS1)							Prepared & Analyzed: 01/16/2023				
4-Methyl-2-pentanone	7.02		ug/L	10.0		70.2	57-145				
Acetone	5.53		"	10.0		55.3	14-150				
Acrolein	12.8		"	10.0		128	10-153				
Acrylonitrile	7.98		"	10.0		79.8	51-150				
Benzene	9.40		"	10.0		94.0	85-126				
Bromochloromethane	8.96		"	10.0		89.6	77-128				
Bromodichloromethane	9.27		"	10.0		92.7	79-128				
Bromoform	9.46		"	10.0		94.6	78-133				
Bromomethane	9.10		"	10.0		91.0	43-168				
Carbon disulfide	10.3		"	10.0		103	68-146				
Carbon tetrachloride	9.95		"	10.0		99.5	77-141				
Chlorobenzene	10.1		"	10.0		101	88-120				
Chloroethane	9.79		"	10.0		97.9	65-136				
Chloroform	9.07		"	10.0		90.7	82-128				
Chloromethane	8.91		"	10.0		89.1	43-155				
cis-1,2-Dichloroethylene	9.36		"	10.0		93.6	83-129				
cis-1,3-Dichloropropylene	9.45		"	10.0		94.5	80-131				
Cyclohexane	9.87		"	10.0		98.7	63-149				
Dibromochloromethane	9.48		"	10.0		94.8	80-130				
Dibromomethane	9.06		"	10.0		90.6	72-134				
Dichlorodifluoromethane	9.88		"	10.0		98.8	44-144				
Ethyl Benzene	9.77		"	10.0		97.7	80-131				
Hexachlorobutadiene	10.4		"	10.0		104	67-146				
Isopropylbenzene	10.3		"	10.0		103	76-140				
Methyl acetate	8.80		"	10.0		88.0	51-139				
Methyl tert-butyl ether (MTBE)	8.55		"	10.0		85.5	76-135				
Methylcyclohexane	10.1		"	10.0		101	72-143				
Methylene chloride	9.65		"	10.0		96.5	55-137				
Naphthalene	8.52		"	10.0		85.2	70-147				
n-Butylbenzene	9.76		"	10.0		97.6	79-132				
n-Propylbenzene	10.2		"	10.0		102	78-133				
o-Xylene	9.85		"	10.0		98.5	78-130				
p- & m- Xylenes	19.5		"	20.0		97.6	77-133				
p-Diethylbenzene	9.88		"	10.0		98.8	84-134				
p-Ethyltoluene	10.2		"	10.0		102	88-129				
p-Isopropyltoluene	9.79		"	10.0		97.9	81-136				
sec-Butylbenzene	10.1		"	10.0		101	79-137				
Styrene	9.93		"	10.0		99.3	67-132				
tert-Butyl alcohol (TBA)	40.0		"	50.0		80.0	25-162				
tert-Butylbenzene	9.75		"	10.0		97.5	77-138				
Tetrachloroethylene	5.78		"	10.0		57.8	82-131	Low Bias			
Toluene	9.77		"	10.0		97.7	80-127				
trans-1,2-Dichloroethylene	9.47		"	10.0		94.7	80-132				
trans-1,3-Dichloropropylene	9.56		"	10.0		95.6	78-131				
Trichloroethylene	9.63		"	10.0		96.3	82-128				
Trichlorofluoromethane	9.94		"	20.0		49.7	67-139	Low Bias			
Vinyl Chloride	9.48		"	10.0		94.8	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.73*		*"*	*10.0*		*97.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30720 - EPA 5030B											
LCS Dup (BA30720-BSD1)							Prepared & Analyzed: 01/16/2023				
1,1,1,2-Tetrachloroethane	9.77		ug/L	10.0		97.7	82-126		1.32	30	
1,1,1-Trichloroethane	9.56		"	10.0		95.6	78-136		0.522	30	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129		6.94	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165		0.782	30	
1,1,2-Trichloroethane	9.89		"	10.0		98.9	82-123		4.76	30	
1,1-Dichloroethane	8.99		"	10.0		89.9	82-129		0.333	30	
1,1-Dichloroethylene	9.74		"	10.0		97.4	68-138		0.308	30	
1,2,3-Trichlorobenzene	9.16		"	10.0		91.6	76-136		15.5	30	
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128		3.57	30	
1,2,4-Trichlorobenzene	9.14		"	10.0		91.4	76-137		4.25	30	
1,2,4-Trimethylbenzene	9.41		"	10.0		94.1	82-132		5.38	30	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	45-147		22.2	30	
1,2-Dibromoethane	9.48		"	10.0		94.8	83-124		5.64	30	
1,2-Dichlorobenzene	9.31		"	10.0		93.1	79-123		0.863	30	
1,2-Dichloroethane	9.07		"	10.0		90.7	73-132		169	30	Non-dir.
1,2-Dichloropropane	9.62		"	10.0		96.2	78-126		1.44	30	
1,3,5-Trimethylbenzene	9.31		"	10.0		93.1	80-131		4.51	30	
1,3-Dichlorobenzene	9.28		"	10.0		92.8	86-122		1.28	30	
1,3-Dichloropropane	9.39		"	10.0		93.9	81-125		2.59	30	
1,4-Dichlorobenzene	9.09		"	10.0		90.9	85-124		0.220	30	
1,4-Dioxane	217		"	210		103	10-349		26.5	30	
2-Butanone	10.9		"	10.0		109	49-152		27.2	30	
2-Hexanone	8.34		"	10.0		83.4	51-146		12.1	30	
4-Methyl-2-pentanone	7.82		"	10.0		78.2	57-145		10.8	30	
Acetone	5.74		"	10.0		57.4	14-150		3.73	30	
Acrolein	14.0		"	10.0		140	10-153		9.18	30	
Acrylonitrile	9.38		"	10.0		93.8	51-150		16.1	30	
Benzene	9.50		"	10.0		95.0	85-126		1.06	30	
Bromochloromethane	9.41		"	10.0		94.1	77-128		4.90	30	
Bromodichloromethane	9.30		"	10.0		93.0	79-128		0.323	30	
Bromoform	10.4		"	10.0		104	78-133		9.94	30	
Bromomethane	8.79		"	10.0		87.9	43-168		3.47	30	
Carbon disulfide	10.2		"	10.0		102	68-146		0.195	30	
Carbon tetrachloride	9.91		"	10.0		99.1	77-141		0.403	30	
Chlorobenzene	9.89		"	10.0		98.9	88-120		2.40	30	
Chloroethane	9.54		"	10.0		95.4	65-136		2.59	30	
Chloroform	9.24		"	10.0		92.4	82-128		1.86	30	
Chloromethane	9.16		"	10.0		91.6	43-155		2.77	30	
cis-1,2-Dichloroethylene	9.39		"	10.0		93.9	83-129		0.320	30	
cis-1,3-Dichloropropylene	9.46		"	10.0		94.6	80-131		0.106	30	
Cyclohexane	9.78		"	10.0		97.8	63-149		0.916	30	
Dibromochloromethane	9.59		"	10.0		95.9	80-130		1.15	30	
Dibromomethane	9.25		"	10.0		92.5	72-134		2.08	30	
Dichlorodifluoromethane	9.87		"	10.0		98.7	44-144		0.101	30	
Ethyl Benzene	9.40		"	10.0		94.0	80-131		3.86	30	
Hexachlorobutadiene	10.4		"	10.0		104	67-146		0.578	30	
Isopropylbenzene	9.76		"	10.0		97.6	76-140		5.09	30	
Methyl acetate	10.3		"	10.0		103	51-139		15.8	30	
Methyl tert-butyl ether (MTBE)	9.48		"	10.0		94.8	76-135		10.3	30	
Methylcyclohexane	9.68		"	10.0		96.8	72-143		4.05	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30720 - EPA 5030B											
LCS Dup (BA30720-BSD1)								Prepared & Analyzed: 01/16/2023			
Methylene chloride	10.2		ug/L	10.0		102	55-137		5.35	30	
Naphthalene	9.37		"	10.0		93.7	70-147		9.50	30	
n-Butylbenzene	9.42		"	10.0		94.2	79-132		3.55	30	
n-Propylbenzene	9.63		"	10.0		96.3	78-133		5.26	30	
o-Xylene	9.46		"	10.0		94.6	78-130		4.04	30	
p- & m- Xylenes	18.8		"	20.0		94.0	77-133		3.81	30	
p-Diethylbenzene	9.51		"	10.0		95.1	84-134		3.82	30	
p-Ethyltoluene	9.78		"	10.0		97.8	88-129		4.01	30	
p-Isopropyltoluene	9.37		"	10.0		93.7	81-136		4.38	30	
sec-Butylbenzene	9.66		"	10.0		96.6	79-137		4.16	30	
Styrene	9.79		"	10.0		97.9	67-132		1.42	30	
tert-Butyl alcohol (TBA)	49.7		"	50.0		99.3	25-162		21.5	30	
tert-Butylbenzene	9.29		"	10.0		92.9	77-138		4.83	30	
Tetrachloroethylene	5.68		"	10.0		56.8	82-131	Low Bias	1.75	30	
Toluene	9.43		"	10.0		94.3	80-127		3.54	30	
trans-1,2-Dichloroethylene	9.55		"	10.0		95.5	80-132		0.841	30	
trans-1,3-Dichloropropylene	9.75		"	10.0		97.5	78-131		1.97	30	
Trichloroethylene	9.22		"	10.0		92.2	82-128		4.35	30	
Trichlorofluoromethane	9.96		"	20.0		49.8	67-139	Low Bias	0.201	30	
Vinyl Chloride	9.40		"	10.0		94.0	58-145		0.847	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				
Batch BA30926 - EPA 5035A											
Blank (BA30926-BLK1)								Prepared & Analyzed: 01/18/2023			
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	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	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	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30926 - EPA 5035A											
Blank (BA30926-BLK1)									Prepared & Analyzed: 01/18/2023		
Acrolein	ND	0.010	mg/kg wet								
Acrylonitrile	ND	0.0050	"								
Benzene	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	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	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-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*ug/L*	*50.0*		*97.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.1*		*"*	*50.0*		*96.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.5*		*"*	*50.0*		*107*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30926 - EPA 5035A											
Blank (BA30926-BLK2)									Prepared & Analyzed: 01/18/2023		
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	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	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	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	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	"								
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	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30926 - EPA 5035A											
Blank (BA30926-BLK2)									Prepared & Analyzed: 01/18/2023		
n-Butylbenzene	ND	0.50	mg/kg wet								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.9*		*ug/L*	*50.0*		*97.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.8*		*"*	*50.0*		*106*	*76-130*				
LCS (BA30926-BS1)									Prepared & Analyzed: 01/18/2023		
1,1,1,2-Tetrachloroethane	50.0		ug/L	50.0		99.9	75-129				
1,1,1-Trichloroethane	49.8		"	50.0		99.6	71-137				
1,1,2,2-Tetrachloroethane	54.6		"	50.0		109	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.5		"	50.0		103	58-146				
1,1,2-Trichloroethane	48.6		"	50.0		97.1	83-123				
1,1-Dichloroethane	46.5		"	50.0		92.9	75-130				
1,1-Dichloroethylene	51.3		"	50.0		103	64-137				
1,2,3-Trichlorobenzene	50.0		"	50.0		100	81-140				
1,2,3-Trichloropropane	53.6		"	50.0		107	81-126				
1,2,4-Trichlorobenzene	49.5		"	50.0		98.9	80-141				
1,2,4-Trimethylbenzene	50.1		"	50.0		100	84-125				
1,2-Dibromo-3-chloropropane	50.1		"	50.0		100	74-142				
1,2-Dibromoethane	50.1		"	50.0		100	86-123				
1,2-Dichlorobenzene	49.5		"	50.0		99.0	85-122				
1,2-Dichloroethane	48.5		"	50.0		97.1	71-133				
1,2-Dichloropropane	48.7		"	50.0		97.4	81-122				
1,3,5-Trimethylbenzene	49.9		"	50.0		99.9	82-126				
1,3-Dichlorobenzene	49.0		"	50.0		97.9	84-124				
1,4-Dichlorobenzene	49.2		"	50.0		98.4	84-124				
1,4-Dioxane	1120		"	1050		107	10-228				
2-Butanone	45.1		"	50.0		90.2	58-147				
2-Hexanone	49.9		"	50.0		99.7	70-139				
4-Methyl-2-pentanone	52.1		"	50.0		104	72-132				
Acetone	27.0		"	50.0		53.9	36-155				
Acrolein	47.7		"	50.0		95.5	10-238				
Acrylonitrile	52.0		"	50.0		104	66-141				
Benzene	48.8		"	50.0		97.6	77-127				
Bromochloromethane	48.4		"	50.0		96.8	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30926 - EPA 5035A											
LCS (BA30926-BS1)								Prepared & Analyzed: 01/18/2023			
Bromodichloromethane	47.0		ug/L	50.0		93.9	81-124				
Bromoform	47.1		"	50.0		94.1	80-136				
Bromomethane	47.2		"	50.0		94.3	32-177				
Carbon disulfide	54.2		"	50.0		108	10-136				
Carbon tetrachloride	50.3		"	50.0		101	66-143				
Chlorobenzene	51.9		"	50.0		104	86-120				
Chloroethane	52.7		"	50.0		105	51-142				
Chloroform	48.4		"	50.0		96.9	76-131				
Chloromethane	51.4		"	50.0		103	49-132				
cis-1,2-Dichloroethylene	47.8		"	50.0		95.5	74-132				
cis-1,3-Dichloropropylene	47.6		"	50.0		95.2	81-129				
Cyclohexane	47.2		"	50.0		94.4	70-130				
Dibromochloromethane	49.6		"	50.0		99.2	10-200				
Dibromomethane	46.9		"	50.0		93.9	83-124				
Dichlorodifluoromethane	49.5		"	50.0		98.9	28-158				
Ethyl Benzene	49.7		"	50.0		99.3	84-125				
Hexachlorobutadiene	48.8		"	50.0		97.6	83-133				
Isopropylbenzene	53.3		"	50.0		107	81-127				
Methyl acetate	46.3		"	50.0		92.7	41-143				
Methyl tert-butyl ether (MTBE)	47.1		"	50.0		94.2	74-131				
Methylcyclohexane	46.2		"	50.0		92.5	70-130				
Methylene chloride	47.1		"	50.0		94.3	57-141				
n-Butylbenzene	48.5		"	50.0		96.9	80-130				
n-Propylbenzene	52.1		"	50.0		104	74-136				
o-Xylene	49.6		"	50.0		99.2	83-123				
p- & m- Xylenes	98.2		"	100		98.2	82-128				
p-Isopropyltoluene	50.0		"	50.0		99.9	85-125				
sec-Butylbenzene	51.0		"	50.0		102	83-125				
Styrene	51.9		"	50.0		104	86-126				
tert-Butyl alcohol (TBA)	261		"	250		104	70-130				
tert-Butylbenzene	51.2		"	50.0		102	80-127				
Tetrachloroethylene	44.5		"	50.0		88.9	80-129				
Toluene	47.9		"	50.0		95.8	85-121				
trans-1,2-Dichloroethylene	48.8		"	50.0		97.5	72-132				
trans-1,3-Dichloropropylene	47.3		"	50.0		94.5	78-132				
Trichloroethylene	48.0		"	50.0		96.0	84-123				
Trichlorofluoromethane	51.2		"	50.0		102	62-140				
Vinyl Chloride	52.4		"	50.0		105	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.4*		*"*	*50.0*		*98.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.3*		*"*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30926 - EPA 5035A											
LCS Dup (BA30926-BSD1)								Prepared & Analyzed: 01/18/2023			
1,1,1,2-Tetrachloroethane	50.6		ug/L	50.0		101	75-129		1.33	30	
1,1,1-Trichloroethane	50.2		"	50.0		100	71-137		0.880	30	
1,1,2,2-Tetrachloroethane	56.4		"	50.0		113	79-129		3.37	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.9		"	50.0		104	58-146		0.638	30	
1,1,2-Trichloroethane	49.2		"	50.0		98.5	83-123		1.41	30	
1,1-Dichloroethane	47.2		"	50.0		94.4	75-130		1.56	30	
1,1-Dichloroethylene	52.1		"	50.0		104	64-137		1.53	30	
1,2,3-Trichlorobenzene	49.1		"	50.0		98.3	81-140		1.77	30	
1,2,3-Trichloropropane	54.6		"	50.0		109	81-126		1.79	30	
1,2,4-Trichlorobenzene	49.2		"	50.0		98.4	80-141		0.507	30	
1,2,4-Trimethylbenzene	50.6		"	50.0		101	84-125		0.993	30	
1,2-Dibromo-3-chloropropane	50.1		"	50.0		100	74-142		0.0998	30	
1,2-Dibromoethane	52.0		"	50.0		104	86-123		3.64	30	
1,2-Dichlorobenzene	49.6		"	50.0		99.2	85-122		0.141	30	
1,2-Dichloroethane	48.8		"	50.0		97.7	71-133		0.596	30	
1,2-Dichloropropane	50.0		"	50.0		100	81-122		2.66	30	
1,3,5-Trimethylbenzene	50.2		"	50.0		100	82-126		0.479	30	
1,3-Dichlorobenzene	49.9		"	50.0		99.7	84-124		1.82	30	
1,4-Dichlorobenzene	49.2		"	50.0		98.4	84-124		0.0610	30	
1,4-Dioxane	1120		"	1050		107	10-228		0.0357	30	
2-Butanone	48.6		"	50.0		97.3	58-147		7.55	30	
2-Hexanone	51.2		"	50.0		102	70-139		2.69	30	
4-Methyl-2-pentanone	54.2		"	50.0		108	72-132		3.80	30	
Acetone	26.7		"	50.0		53.5	36-155		0.894	30	
Acrolein	49.0		"	50.0		98.0	10-238		2.59	30	
Acrylonitrile	51.3		"	50.0		103	66-141		1.28	30	
Benzene	49.4		"	50.0		98.8	77-127		1.24	30	
Bromochloromethane	48.8		"	50.0		97.7	74-129		0.905	30	
Bromodichloromethane	48.5		"	50.0		96.9	81-124		3.12	30	
Bromoform	46.7		"	50.0		93.5	80-136		0.704	30	
Bromomethane	48.0		"	50.0		95.9	32-177		1.68	30	
Carbon disulfide	54.5		"	50.0		109	10-136		0.515	30	
Carbon tetrachloride	50.6		"	50.0		101	66-143		0.515	30	
Chlorobenzene	52.3		"	50.0		105	86-120		0.826	30	
Chloroethane	52.8		"	50.0		106	51-142		0.114	30	
Chloroform	49.3		"	50.0		98.7	76-131		1.82	30	
Chloromethane	50.3		"	50.0		101	49-132		2.24	30	
cis-1,2-Dichloroethylene	48.6		"	50.0		97.3	74-132		1.83	30	
cis-1,3-Dichloropropylene	49.2		"	50.0		98.4	81-129		3.29	30	
Cyclohexane	47.8		"	50.0		95.6	70-130		1.22	30	
Dibromochloromethane	51.0		"	50.0		102	10-200		2.72	30	
Dibromomethane	48.3		"	50.0		96.7	83-124		2.94	30	
Dichlorodifluoromethane	48.2		"	50.0		96.4	28-158		2.54	30	
Ethyl Benzene	50.0		"	50.0		100	84-125		0.702	30	
Hexachlorobutadiene	48.5		"	50.0		97.0	83-133		0.616	30	
Isopropylbenzene	54.2		"	50.0		108	81-127		1.64	30	
Methyl acetate	48.1		"	50.0		96.1	41-143		3.69	30	
Methyl tert-butyl ether (MTBE)	48.0		"	50.0		96.0	74-131		1.93	30	
Methylcyclohexane	47.5		"	50.0		94.9	70-130		2.63	30	
Methylene chloride	47.4		"	50.0		94.8	57-141		0.529	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30926 - EPA 5035A											
LCS Dup (BA30926-BSD1)								Prepared & Analyzed: 01/18/2023			
n-Butylbenzene	48.4		ug/L	50.0		96.7	80-130		0.227	30	
n-Propylbenzene	52.7		"	50.0		105	74-136		1.30	30	
o-Xylene	50.0		"	50.0		99.9	83-123		0.683	30	
p- & m- Xylenes	98.2		"	100		98.2	82-128		0.0509	30	
p-Isopropyltoluene	49.5		"	50.0		99.1	85-125		0.844	30	
sec-Butylbenzene	51.1		"	50.0		102	83-125		0.294	30	
Styrene	52.0		"	50.0		104	86-126		0.154	30	
tert-Butyl alcohol (TBA)	276		"	250		111	70-130		5.66	30	
tert-Butylbenzene	51.6		"	50.0		103	80-127		0.816	30	
Tetrachloroethylene	45.4		"	50.0		90.9	80-129		2.16	30	
Toluene	48.8		"	50.0		97.6	85-121		1.80	30	
trans-1,2-Dichloroethylene	49.6		"	50.0		99.1	72-132		1.63	30	
trans-1,3-Dichloropropylene	49.3		"	50.0		98.7	78-132		4.31	30	
Trichloroethylene	49.1		"	50.0		98.2	84-123		2.31	30	
Trichlorofluoromethane	50.6		"	50.0		101	62-140		1.32	30	
Vinyl Chloride	52.0		"	50.0		104	52-130		0.900	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.1*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.1*		*"*	*50.0*		*106*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

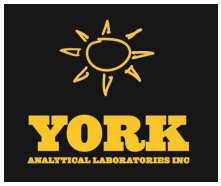
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30615 - EPA 3510C											
Blank (BA30615-BLK1)											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	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	*15.0*		*"*	*50.0*		*29.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*8.37*		*"*	*50.0*		*16.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*19.5*		*"*	*25.0*		*77.9*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.8*		*"*	*25.0*		*63.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*43.8*		*"*	*50.0*		*87.7*	*39.3-151*				

Prepared: 01/13/2023 Analyzed: 01/16/2023

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30615 - EPA 3510C											
Blank (BA30615-BLK1)									Prepared: 01/13/2023 Analyzed: 01/16/2023		
Surrogate: SURR: Terphenyl-d14	*20.7*		*ug/L*	*25.0*		*82.9*	*30.7-106*				
Blank (BA30615-BLK2)									Prepared: 01/13/2023 Analyzed: 01/16/2023		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
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	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30615 - EPA 3510C											
LCS (BA30615-BS1)								Prepared: 01/13/2023 Analyzed: 01/16/2023			
1,1-Biphenyl	16.9	5.00	ug/L	25.0		67.5	33-95				
1,2,4,5-Tetrachlorobenzene	17.5	5.00	"	25.0		70.0	26-120				
2,3,4,6-Tetrachlorophenol	22.9	5.00	"	25.0		91.5	30-130				
2,4,5-Trichlorophenol	18.2	5.00	"	25.0		72.7	32-114				
2,4,6-Trichlorophenol	20.1	5.00	"	25.0		80.4	35-118				
2,4-Dichlorophenol	20.3	5.00	"	25.0		81.2	25-116				
2,4-Dimethylphenol	19.2	5.00	"	25.0		77.0	15-116				
2,4-Dinitrophenol	48.2	5.00	"	25.0		193	10-170	High Bias			
2,4-Dinitrotoluene	46.4	5.00	"	25.0		186	41-128	High Bias			
2,6-Dinitrotoluene	41.3	5.00	"	25.0		165	45-116	High Bias			
2-Chloronaphthalene	18.4	5.00	"	25.0		73.6	33-112				
2-Chlorophenol	16.5	5.00	"	25.0		66.0	15-120				
2-Methylnaphthalene	19.2	5.00	"	25.0		76.8	24-118				
2-Methylphenol	15.2	5.00	"	25.0		61.0	10-110				
2-Nitroaniline	31.0	5.00	"	25.0		124	34-129				
2-Nitrophenol	28.5	5.00	"	25.0		114	28-118				
3- & 4-Methylphenols	12.0	5.00	"	25.0		47.8	10-107				
3,3-Dichlorobenzidine	14.6	5.00	"	25.0		58.4	15-187				
3-Nitroaniline	24.8	5.00	"	25.0		99.1	24-134				
4,6-Dinitro-2-methylphenol	63.4	5.00	"	25.0		254	10-153	High Bias			
4-Bromophenyl phenyl ether	21.3	5.00	"	25.0		85.0	34-120				
4-Chloro-3-methylphenol	20.7	5.00	"	25.0		82.8	20-120				
4-Chloroaniline	14.0	5.00	"	25.0		56.1	10-147				
4-Chlorophenyl phenyl ether	20.5	5.00	"	25.0		82.0	27-121				
4-Nitroaniline	26.8	5.00	"	25.0		107	13-134				
4-Nitrophenol	9.85	5.00	"	25.0		39.4	10-131				
Acetophenone	16.3	5.00	"	25.0		65.2	25-110				
Benzaldehyde	15.4	5.00	"	25.0		61.7	29-117				
Benzyl butyl phthalate	18.3	5.00	"	25.0		73.2	29-133				
Bis(2-chloroethoxy)methane	20.0	5.00	"	25.0		80.0	10-154				
Bis(2-chloroethyl)ether	28.4	5.00	"	25.0		114	17-125				
Bis(2-chloroisopropyl)ether	18.3	5.00	"	25.0		73.3	10-139				
Caprolactam	2.65	5.00	"	25.0		10.6	10-137				
Carbazole	21.8	5.00	"	25.0		87.2	42-126				
Dibenzofuran	19.9	5.00	"	25.0		79.7	36-113				
Diethyl phthalate	20.5	5.00	"	25.0		82.1	38-115				
Dimethyl phthalate	21.0	5.00	"	25.0		83.9	38-129				
Di-n-butyl phthalate	20.6	5.00	"	25.0		82.3	31-120				
Di-n-octyl phthalate	19.3	5.00	"	25.0		77.2	21-149				
Hexachlorocyclopentadiene	9.85	10.0	"	25.0		39.4	10-130				
Isophorone	20.7	5.00	"	25.0		82.6	25-127				
N-nitroso-di-n-propylamine	18.0	5.00	"	25.0		72.0	26-122				
N-Nitrosodiphenylamine	23.0	5.00	"	25.0		91.8	23-149				
Phenol	7.28	5.00	"	25.0		29.1	10-110				
Pyridine	ND	5.00	"	25.5			10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*15.7*		*"*	*50.0*		*31.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*9.84*		*"*	*50.0*		*19.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*20.4*		*"*	*25.0*		*81.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.0*		*"*	*25.0*		*64.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*46.2*		*"*	*50.0*		*92.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.2*		*"*	*25.0*		*72.9*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30615 - EPA 3510C											
LCS (BA30615-BS2)								Prepared: 01/13/2023 Analyzed: 01/16/2023			
Acenaphthene	0.620	0.0500	ug/L	1.00		62.0	25-116				
Acenaphthylene	0.650	0.0500	"	1.00		65.0	26-116				
Anthracene	0.620	0.0500	"	1.00		62.0	25-123				
Benzo(a)anthracene	0.730	0.0500	"	1.00		73.0	33-125				
Benzo(a)pyrene	0.590	0.0500	"	1.00		59.0	32-132				
Benzo(b)fluoranthene	0.760	0.0500	"	1.00		76.0	22-137				
Benzo(g,h,i)perylene	0.920	0.0500	"	1.00		92.0	10-138				
Benzo(k)fluoranthene	0.730	0.0500	"	1.00		73.0	20-137				
Bis(2-ethylhexyl)phthalate	1.34	0.500	"	1.00		134	10-189				
Chrysene	0.770	0.0500	"	1.00		77.0	32-124				
Dibenzo(a,h)anthracene	0.910	0.0500	"	1.00		91.0	16-133				
Fluoranthene	0.840	0.0500	"	1.00		84.0	32-121				
Fluorene	0.740	0.0500	"	1.00		74.0	28-118				
Hexachlorobenzene	0.770	0.0200	"	1.00		77.0	23-124				
Hexachlorobutadiene	0.520	0.500	"	1.00		52.0	15-123				
Hexachloroethane	2.56	0.500	"	1.00		256	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.900	0.0500	"	1.00		90.0	15-135				
Naphthalene	0.610	0.0500	"	1.00		61.0	18-120				
Nitrobenzene	0.780	0.250	"	1.00		78.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.06	0.250	"	1.00		106	10-156				
Phenanthrene	0.740	0.0500	"	1.00		74.0	24-127				
Pyrene	0.670	0.0500	"	1.00		67.0	31-132				
LCS Dup (BA30615-BSD1)								Prepared: 01/13/2023 Analyzed: 01/16/2023			
1,1-Biphenyl	16.0	5.00	ug/L	25.0		63.8	33-95		5.54	20	
1,2,4,5-Tetrachlorobenzene	15.2	5.00	"	25.0		60.8	26-120		14.1	20	
2,3,4,6-Tetrachlorophenol	20.4	5.00	"	25.0		81.8	30-130		11.3	20	
2,4,5-Trichlorophenol	16.5	5.00	"	25.0		66.1	32-114		9.51	20	
2,4,6-Trichlorophenol	18.3	5.00	"	25.0		73.1	35-118		9.54	20	
2,4-Dichlorophenol	19.4	5.00	"	25.0		77.8	25-116		4.28	20	
2,4-Dimethylphenol	18.4	5.00	"	25.0		73.5	15-116		4.57	20	
2,4-Dinitrophenol	42.7	5.00	"	25.0		171	10-170	High Bias	12.1	20	
2,4-Dinitrotoluene	42.0	5.00	"	25.0		168	41-128	High Bias	9.98	20	
2,6-Dinitrotoluene	37.0	5.00	"	25.0		148	45-116	High Bias	10.8	20	
2-Chloronaphthalene	16.7	5.00	"	25.0		66.9	33-112		9.45	20	
2-Chlorophenol	16.4	5.00	"	25.0		65.4	15-120		0.974	20	
2-Methylnaphthalene	18.0	5.00	"	25.0		71.8	24-118		6.68	20	
2-Methylphenol	14.8	5.00	"	25.0		59.2	10-110		3.00	20	
2-Nitroaniline	28.1	5.00	"	25.0		112	34-129		9.95	20	
2-Nitrophenol	27.8	5.00	"	25.0		111	28-118		2.59	20	
3- & 4-Methylphenols	11.4	5.00	"	25.0		45.5	10-107		4.97	20	
3,3-Dichlorobenzidine	13.0	5.00	"	25.0		52.2	15-187		11.3	20	
3-Nitroaniline	22.6	5.00	"	25.0		90.6	24-134		8.98	20	
4,6-Dinitro-2-methylphenol	55.4	5.00	"	25.0		222	10-153	High Bias	13.4	20	
4-Bromophenyl phenyl ether	18.6	5.00	"	25.0		74.2	34-120		13.6	20	
4-Chloro-3-methylphenol	19.5	5.00	"	25.0		78.2	20-120		5.72	20	
4-Chloroaniline	13.8	5.00	"	25.0		55.4	10-147		1.29	20	
4-Chlorophenyl phenyl ether	18.3	5.00	"	25.0		73.2	27-121		11.4	20	
4-Nitroaniline	24.0	5.00	"	25.0		96.1	13-134		10.9	20	
4-Nitrophenol	8.20	5.00	"	25.0		32.8	10-131		18.3	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30615 - EPA 3510C											
LCS Dup (BA30615-BSD1)								Prepared: 01/13/2023 Analyzed: 01/16/2023			
Acetophenone	16.8	5.00	ug/L	25.0		67.4	25-110		3.26	20	
Benzaldehyde	15.7	5.00	"	25.0		62.7	29-117		1.61	20	
Benzyl butyl phthalate	15.7	5.00	"	25.0		62.7	29-133		15.4	20	
Bis(2-chloroethoxy)methane	19.1	5.00	"	25.0		76.4	10-154		4.61	20	
Bis(2-chloroethyl)ether	30.4	5.00	"	25.0		122	17-125		6.70	20	
Bis(2-chloroisopropyl)ether	17.9	5.00	"	25.0		71.7	10-139		2.15	20	
Caprolactam	2.54	5.00	"	25.0		10.2	10-137		4.24	20	
Carbazole	19.4	5.00	"	25.0		77.8	42-126		11.5	20	
Dibenzofuran	18.0	5.00	"	25.0		72.2	36-113		9.96	20	
Diethyl phthalate	18.3	5.00	"	25.0		73.4	38-115		11.3	20	
Dimethyl phthalate	18.9	5.00	"	25.0		75.5	38-129		10.5	20	
Di-n-butyl phthalate	17.5	5.00	"	25.0		70.2	31-120		15.9	20	
Di-n-octyl phthalate	16.2	5.00	"	25.0		64.6	21-149		17.8	20	
Hexachlorocyclopentadiene	7.87	10.0	"	25.0		31.5	10-130		22.3	20	Non-dir.
Isophorone	19.8	5.00	"	25.0		79.1	25-127		4.35	20	
N-nitroso-di-n-propylamine	17.7	5.00	"	25.0		70.8	26-122		1.68	20	
N-Nitrosodiphenylamine	20.9	5.00	"	25.0		83.5	23-149		9.54	20	
Phenol	7.37	5.00	"	25.0		29.5	10-110		1.23	20	
Pyridine	3.12	5.00	"	25.5		12.2	10-90		42.3	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*18.5*		*"*	*50.0*		*37.0*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*11.4*		*"*	*50.0*		*22.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*23.5*		*"*	*25.0*		*93.9*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.7*		*"*	*25.0*		*70.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*49.2*		*"*	*50.0*		*98.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*19.4*		*"*	*25.0*		*77.6*	*30.7-106*				
Batch BA30877 - EPA 3550C											
Blank (BA30877-BLK1)								Prepared & Analyzed: 01/18/2023			
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30877 - EPA 3550C											
Blank (BA30877-BLK1)											
3,3-Dichlorobenzidine	ND	0.0417	mg/kg wet								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								

Prepared & Analyzed: 01/18/2023

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30877 - EPA 3550C											
Blank (BA30877-BLK1)									Prepared & Analyzed: 01/18/2023		
Pentachlorophenol	ND	0.0417	mg/kg wet								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Surrogate: SURR: 2-Fluorophenol	*1.26*		"	*1.67*		*75.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.31*		"	*1.67*		*78.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.685*		"	*0.833*		*82.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.662*		"	*0.833*		*79.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.45*		"	*1.67*		*86.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.749*		"	*0.833*		*89.8*	*24-116*				
LCS (BA30877-BS1)									Prepared & Analyzed: 01/18/2023		
1,1-Biphenyl	0.735	0.0417	mg/kg wet	0.833		88.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.696	0.0833	"	0.833		83.5	21-131				
1,2,4-Trichlorobenzene	0.734	0.0417	"	0.833		88.1	10-140				
1,2-Dichlorobenzene	0.656	0.0417	"	0.833		78.7	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.729	0.0417	"	0.833		87.5	17-137				
1,3-Dichlorobenzene	0.650	0.0417	"	0.833		78.0	33-110				
1,4-Dichlorobenzene	0.658	0.0417	"	0.833		78.9	32-104				
2,3,4,6-Tetrachlorophenol	0.878	0.0833	"	0.833		105	30-130				
2,4,5-Trichlorophenol	0.725	0.0417	"	0.833		87.0	27-118				
2,4,6-Trichlorophenol	0.715	0.0417	"	0.833		85.8	31-120				
2,4-Dichlorophenol	0.788	0.0417	"	0.833		94.5	20-127				
2,4-Dimethylphenol	0.839	0.0417	"	0.833		101	14-132				
2,4-Dinitrophenol	0.361	0.0833	"	0.833		43.4	10-171				
2,4-Dinitrotoluene	0.881	0.0417	"	0.833		106	34-131				
2,6-Dinitrotoluene	0.870	0.0417	"	0.833		104	31-128				
2-Chloronaphthalene	0.681	0.0417	"	0.833		81.7	31-117				
2-Chlorophenol	0.689	0.0417	"	0.833		82.6	33-113				
2-Methylnaphthalene	0.803	0.0417	"	0.833		96.4	12-138				
2-Methylphenol	0.743	0.0417	"	0.833		89.2	10-136				
2-Nitroaniline	0.825	0.0833	"	0.833		99.0	27-132				
2-Nitrophenol	0.839	0.0417	"	0.833		101	17-129				
3- & 4-Methylphenols	0.664	0.0417	"	0.833		79.7	29-103				
3,3-Dichlorobenzidine	0.644	0.0417	"	0.833		77.2	22-149				
3-Nitroaniline	0.693	0.0833	"	0.833		83.2	20-133				
4,6-Dinitro-2-methylphenol	0.962	0.0833	"	0.833		115	10-143				
4-Bromophenyl phenyl ether	0.698	0.0417	"	0.833		83.8	29-120				
4-Chloro-3-methylphenol	0.847	0.0417	"	0.833		102	24-129				
4-Chloroaniline	0.480	0.0417	"	0.833		57.6	10-132				
4-Chlorophenyl phenyl ether	0.706	0.0417	"	0.833		84.7	27-124				
4-Nitroaniline	0.800	0.0833	"	0.833		96.0	16-128				
4-Nitrophenol	0.850	0.0833	"	0.833		102	10-141				
Acenaphthene	0.721	0.0417	"	0.833		86.6	30-121				
Acenaphthylene	0.665	0.0417	"	0.833		79.8	30-115				
Acetophenone	0.696	0.0417	"	0.833		83.5	20-112				
Aniline	0.766	0.167	"	0.833		91.9	10-119				
Anthracene	0.771	0.0417	"	0.833		92.5	34-118				
Atrazine	0.803	0.0417	"	0.833		96.4	26-112				
Benzaldehyde	0.669	0.0417	"	0.833		80.2	21-100				
Benzo(a)anthracene	0.759	0.0417	"	0.833		91.0	32-122				

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30877 - EPA 3550C											
LCS (BA30877-BS1)								Prepared & Analyzed: 01/18/2023			
Benzo(a)pyrene	0.602	0.0417	mg/kg wet	0.833		72.2	29-133				
Benzo(b)fluoranthene	0.669	0.0417	"	0.833		80.3	25-133				
Benzo(g,h,i)perylene	0.715	0.0417	"	0.833		85.8	10-143				
Benzo(k)fluoranthene	0.664	0.0417	"	0.833		79.6	25-128				
Benzoic acid	0.0297	0.0417	"	0.833		3.56	10-140	Low Bias			
Benzyl alcohol	0.718	0.0417	"	0.833		86.2	30-115				
Benzyl butyl phthalate	0.827	0.0417	"	0.833		99.2	26-126				
Bis(2-chloroethoxy)methane	0.765	0.0417	"	0.833		91.8	19-132				
Bis(2-chloroethyl)ether	0.670	0.0417	"	0.833		80.4	19-125				
Bis(2-chloroisopropyl)ether	0.699	0.0417	"	0.833		83.9	20-135				
Bis(2-ethylhexyl)phthalate	0.860	0.0417	"	0.833		103	10-155				
Caprolactam	0.864	0.0833	"	0.833		104	10-127				
Carbazole	0.779	0.0417	"	0.833		93.5	35-123				
Chrysene	0.718	0.0417	"	0.833		86.2	32-123				
Dibenzo(a,h)anthracene	0.709	0.0417	"	0.833		85.1	10-136				
Dibenzofuran	0.711	0.0417	"	0.833		85.3	29-121				
Diethyl phthalate	0.753	0.0417	"	0.833		90.4	34-116				
Dimethyl phthalate	0.718	0.0417	"	0.833		86.2	35-124				
Di-n-butyl phthalate	0.764	0.0417	"	0.833		91.7	31-116				
Di-n-octyl phthalate	0.789	0.0417	"	0.833		94.6	26-136				
Fluoranthene	0.711	0.0417	"	0.833		85.3	33-122				
Fluorene	0.734	0.0417	"	0.833		88.1	29-123				
Hexachlorobenzene	0.737	0.0417	"	0.833		88.4	21-124				
Hexachlorobutadiene	0.684	0.0417	"	0.833		82.1	10-149				
Hexachlorocyclopentadiene	0.538	0.0417	"	0.833		64.6	10-129				
Hexachloroethane	0.643	0.0417	"	0.833		77.2	28-108				
Indeno(1,2,3-cd)pyrene	0.695	0.0417	"	0.833		83.4	10-135				
Isophorone	0.810	0.0417	"	0.833		97.2	20-132				
Naphthalene	0.770	0.0417	"	0.833		92.4	23-124				
Nitrobenzene	0.761	0.0417	"	0.833		91.3	13-132				
N-Nitrosodimethylamine	0.616	0.0417	"	0.833		73.9	11-129				
N-nitroso-di-n-propylamine	0.716	0.0417	"	0.833		86.0	24-119				
N-Nitrosodiphenylamine	0.892	0.0417	"	0.833		107	22-152				
Pentachlorophenol	0.702	0.0417	"	0.833		84.3	10-139				
Phenanthrene	0.738	0.0417	"	0.833		88.5	33-123				
Phenol	0.713	0.0417	"	0.833		85.6	23-115				
Pyrene	0.785	0.0417	"	0.833		94.2	24-130				
Surrogate: SURR: 2-Fluorophenol	*1.28*		*"*	*1.67*		*76.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.36*		*"*	*1.67*		*81.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.732*		*"*	*0.833*		*87.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.644*		*"*	*0.833*		*77.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.50*		*"*	*1.67*		*90.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.821*		*"*	*0.833*		*98.5*	*24-116*				

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30877 - EPA 3550C											
Matrix Spike (BA30877-MS1)	*Source sample: 23A0574-03 (Matrix Spike)							Prepared & Analyzed: 01/18/2023			
1,1-Biphenyl	0.707	0.0906	mg/kg dry	0.905	ND	78.2	10-130				
1,2,4,5-Tetrachlorobenzene	0.646	0.181	"	0.905	ND	71.4	10-133				
1,2,4-Trichlorobenzene	0.681	0.0906	"	0.905	ND	75.3	10-127				
1,2-Dichlorobenzene	0.535	0.0906	"	0.905	ND	59.1	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.780	0.0906	"	0.905	ND	86.2	10-144				
1,3-Dichlorobenzene	0.506	0.0906	"	0.905	ND	55.9	11-111				
1,4-Dichlorobenzene	0.520	0.0906	"	0.905	ND	57.4	10-106				
2,3,4,6-Tetrachlorophenol	0.898	0.181	"	0.905	ND	99.3	30-130				
2,4,5-Trichlorophenol	0.734	0.0906	"	0.905	ND	81.1	10-127				
2,4,6-Trichlorophenol	0.712	0.0906	"	0.905	ND	78.7	10-132				
2,4-Dichlorophenol	0.810	0.0906	"	0.905	ND	89.5	10-128				
2,4-Dimethylphenol	0.830	0.0906	"	0.905	ND	91.7	10-137				
2,4-Dinitrophenol	0.242	0.181	"	0.905	ND	26.7	10-171				
2,4-Dinitrotoluene	0.869	0.0906	"	0.905	ND	96.1	16-135				
2,6-Dinitrotoluene	0.853	0.0906	"	0.905	ND	94.2	18-131				
2-Chloronaphthalene	0.652	0.0906	"	0.905	ND	72.0	10-129				
2-Chlorophenol	0.590	0.0906	"	0.905	ND	65.2	15-116				
2-Methylnaphthalene	1.35	0.0906	"	0.905	0.0750	141	10-147				
2-Methylphenol	0.685	0.0906	"	0.905	ND	75.7	10-136				
2-Nitroaniline	0.804	0.181	"	0.905	ND	88.8	10-137				
2-Nitrophenol	0.765	0.0906	"	0.905	ND	84.6	10-129				
3- & 4-Methylphenols	0.657	0.0906	"	0.905	ND	72.6	10-123				
3,3-Dichlorobenzidine	0.474	0.0906	"	0.905	ND	52.4	10-155				
3-Nitroaniline	0.686	0.181	"	0.905	ND	75.8	12-133				
4,6-Dinitro-2-methylphenol	0.366	0.181	"	0.905	ND	40.4	10-155				
4-Bromophenyl phenyl ether	0.738	0.0906	"	0.905	ND	81.5	14-128				
4-Chloro-3-methylphenol	1.01	0.0906	"	0.905	ND	112	10-134				
4-Chloroaniline	0.549	0.0906	"	0.905	ND	60.6	10-145				
4-Chlorophenyl phenyl ether	0.709	0.0906	"	0.905	ND	78.4	14-130				
4-Nitroaniline	0.651	0.181	"	0.905	ND	71.9	10-147				
4-Nitrophenol	0.882	0.181	"	0.905	ND	97.4	10-137				
Acenaphthene	0.807	0.0906	"	0.905	ND	89.2	10-146				
Acenaphthylene	0.692	0.0906	"	0.905	ND	76.5	10-134				
Acetophenone	0.770	0.0906	"	0.905	ND	85.1	10-116				
Aniline	0.476	0.363	"	0.905	ND	52.6	10-123				
Anthracene	0.990	0.0906	"	0.905	0.110	97.2	10-142				
Atrazine	0.833	0.0906	"	0.905	ND	92.0	19-115				
Benzaldehyde	1.60	0.0906	"	0.905	ND	177	10-125	High Bias			
Benzo(a)anthracene	1.21	0.0906	"	0.905	0.316	98.5	10-158				
Benzo(a)pyrene	1.00	0.0906	"	0.905	0.290	78.4	10-180				
Benzo(b)fluoranthene	1.19	0.0906	"	0.905	0.272	101	10-200				
Benzo(g,h,i)perylene	0.927	0.0906	"	0.905	0.184	82.0	10-138				
Benzo(k)fluoranthene	0.911	0.0906	"	0.905	0.250	73.0	10-197				
Benzoic acid	0.114	0.0906	"	0.905	ND	12.6	10-166				
Benzyl alcohol	0.627	0.0906	"	0.905	ND	69.3	12-124				
Benzyl butyl phthalate	1.51	0.0906	"	0.905	0.204	144	10-154				
Bis(2-chloroethoxy)methane	0.727	0.0906	"	0.905	ND	80.3	10-132				
Bis(2-chloroethyl)ether	0.564	0.0906	"	0.905	ND	62.3	10-119				
Bis(2-chloroisopropyl)ether	0.622	0.0906	"	0.905	ND	68.7	10-139				
Bis(2-ethylhexyl)phthalate	57.7	0.0906	"	0.905	3.79	NR	10-167	High Bias			
Caprolactam	1.06	0.181	"	0.905	ND	117	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30877 - EPA 3550C											
Matrix Spike (BA30877-MS1)	*Source sample: 23A0574-03 (Matrix Spike)							Prepared & Analyzed: 01/18/2023			
Carbazole	0.893	0.0906	mg/kg dry	0.905	ND	98.6	10-167				
Chrysene	1.18	0.0906	"	0.905	0.321	95.4	10-156				
Dibenzo(a,h)anthracene	0.809	0.0906	"	0.905	0.0472	84.2	10-137				
Dibenzofuran	0.759	0.0906	"	0.905	ND	83.8	10-147				
Diethyl phthalate	0.730	0.0906	"	0.905	ND	80.7	20-120				
Dimethyl phthalate	0.662	0.0906	"	0.905	ND	73.2	18-131				
Di-n-butyl phthalate	0.995	0.0906	"	0.905	0.0514	104	10-137				
Di-n-octyl phthalate	17.4	0.0906	"	0.905	0.589	NR	10-180	High Bias			
Fluoranthene	1.52	0.0906	"	0.905	0.597	102	10-160				
Fluorene	0.865	0.0906	"	0.905	ND	95.6	10-157				
Hexachlorobenzene	0.799	0.0906	"	0.905	ND	88.2	10-137				
Hexachlorobutadiene	0.611	0.0906	"	0.905	ND	67.5	10-132				
Hexachlorocyclopentadiene	0.186	0.0906	"	0.905	ND	20.6	10-106				
Hexachloroethane	0.599	0.0906	"	0.905	ND	66.2	10-110				
Indeno(1,2,3-cd)pyrene	0.950	0.0906	"	0.905	0.195	83.4	10-144				
Isophorone	0.731	0.0906	"	0.905	ND	80.8	10-132				
Naphthalene	1.13	0.0906	"	0.905	0.0593	118	10-141				
Nitrobenzene	0.712	0.0906	"	0.905	ND	78.7	10-131				
N-Nitrosodimethylamine	0.441	0.0906	"	0.905	ND	48.7	10-126				
N-nitroso-di-n-propylamine	0.642	0.0906	"	0.905	ND	71.0	10-125				
N-Nitrosodiphenylamine	1.04	0.0906	"	0.905	ND	115	10-177				
Pentachlorophenol	0.732	0.0906	"	0.905	ND	80.9	10-153				
Phenanthrene	1.49	0.0906	"	0.905	0.282	134	10-148				
Phenol	0.715	0.0906	"	0.905	ND	79.0	10-126				
Pyrene	1.77	0.0906	"	0.905	0.630	126	10-165				
Surrogate: SURR: 2-Fluorophenol	*1.02*		"	*1.81*		*56.2*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.22*		"	*1.81*		*67.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.694*		"	*0.905*		*76.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.597*		"	*0.905*		*66.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.62*		"	*1.81*		*89.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.877*		"	*0.905*		*96.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BA30877 - EPA 3550C

Matrix Spike Dup (BA30877-MSD1) *Source sample: 23A0574-03 (Matrix Spike Dup) Prepared & Analyzed: 01/18/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.709	0.0888	mg/kg dry	0.887	ND	79.9	10-130		0.253	30	
1,2,4,5-Tetrachlorobenzene	0.661	0.177	"	0.887	ND	74.5	10-133		2.31	30	
1,2,4-Trichlorobenzene	0.676	0.0888	"	0.887	ND	76.2	10-127		0.812	30	
1,2-Dichlorobenzene	0.561	0.0888	"	0.887	ND	63.2	14-111		4.70	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.741	0.0888	"	0.887	ND	83.5	10-144		5.18	30	
1,3-Dichlorobenzene	0.556	0.0888	"	0.887	ND	62.6	11-111		9.37	30	
1,4-Dichlorobenzene	0.564	0.0888	"	0.887	ND	63.5	10-106		8.08	30	
2,3,4,6-Tetrachlorophenol	0.149	0.177	"	0.887	ND	16.8	30-130	Low Bias	143	30	Non-dir.
2,4,5-Trichlorophenol	0.393	0.0888	"	0.887	ND	44.3	10-127		60.5	30	Non-dir.
2,4,6-Trichlorophenol	0.272	0.0888	"	0.887	ND	30.6	10-132		89.5	30	Non-dir.
2,4-Dichlorophenol	0.586	0.0888	"	0.887	ND	66.0	10-128		32.2	30	Non-dir.
2,4-Dimethylphenol	0.784	0.0888	"	0.887	ND	88.4	10-137		5.62	30	
2,4-Dinitrophenol	ND	0.177	"	0.887	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.609	0.0888	"	0.887	ND	68.6	16-135		35.2	30	Non-dir.
2,6-Dinitrotoluene	0.686	0.0888	"	0.887	ND	77.3	18-131		21.7	30	
2-Chloronaphthalene	0.641	0.0888	"	0.887	ND	72.2	10-129		1.64	30	
2-Chlorophenol	0.527	0.0888	"	0.887	ND	59.4	15-116		11.2	30	
2-Methylnaphthalene	0.963	0.0888	"	0.887	0.0750	100	10-147		33.3	30	Non-dir.
2-Methylphenol	0.646	0.0888	"	0.887	ND	72.8	10-136		5.85	30	
2-Nitroaniline	0.740	0.177	"	0.887	ND	83.4	10-137		8.29	30	
2-Nitrophenol	0.489	0.0888	"	0.887	ND	55.1	10-129		44.0	30	Non-dir.
3- & 4-Methylphenols	0.582	0.0888	"	0.887	ND	65.6	10-123		12.0	30	
3,3-Dichlorobenzidine	0.417	0.0888	"	0.887	ND	47.0	10-155		12.9	30	
3-Nitroaniline	0.640	0.177	"	0.887	ND	72.2	12-133		6.94	30	
4,6-Dinitro-2-methylphenol	ND	0.177	"	0.887	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.626	0.0888	"	0.887	ND	70.6	14-128		16.4	30	
4-Chloro-3-methylphenol	0.749	0.0888	"	0.887	ND	84.4	10-134		29.6	30	
4-Chloroaniline	0.463	0.0888	"	0.887	ND	52.2	10-145		17.0	30	
4-Chlorophenyl phenyl ether	0.588	0.0888	"	0.887	ND	66.3	14-130		18.7	30	
4-Nitroaniline	0.634	0.177	"	0.887	ND	71.4	10-147		2.64	30	
4-Nitrophenol	0.331	0.177	"	0.887	ND	37.3	10-137		90.9	30	Non-dir.
Acenaphthene	0.705	0.0888	"	0.887	ND	79.4	10-146		13.5	30	
Acenaphthylene	0.636	0.0888	"	0.887	ND	71.7	10-134		8.45	30	
Acetophenone	0.710	0.0888	"	0.887	ND	80.0	10-116		8.17	30	
Aniline	0.457	0.356	"	0.887	ND	51.5	10-123		3.97	30	
Anthracene	0.872	0.0888	"	0.887	0.110	85.9	10-142		12.6	30	
Atrazine	0.696	0.0888	"	0.887	ND	78.4	19-115		17.9	30	
Benzaldehyde	1.55	0.0888	"	0.887	ND	174	10-125	High Bias	3.30	30	
Benzo(a)anthracene	1.16	0.0888	"	0.887	0.316	95.3	10-158		3.85	30	
Benzo(a)pyrene	1.10	0.0888	"	0.887	0.290	91.6	10-180		9.82	30	
Benzo(b)fluoranthene	1.12	0.0888	"	0.887	0.272	95.1	10-200		6.21	30	
Benzo(g,h,i)perylene	0.892	0.0888	"	0.887	0.184	79.8	10-138		3.79	30	
Benzo(k)fluoranthene	1.05	0.0888	"	0.887	0.250	89.7	10-197		13.8	30	
Benzoic acid	0.111	0.0888	"	0.887	ND	12.6	10-166		2.61	30	
Benzyl alcohol	0.615	0.0888	"	0.887	ND	69.4	12-124		1.86	30	
Benzyl butyl phthalate	0.802	0.0888	"	0.887	0.204	67.4	10-154		61.2	30	Non-dir.
Bis(2-chloroethoxy)methane	0.741	0.0888	"	0.887	ND	83.5	10-132		1.93	30	
Bis(2-chloroethyl)ether	0.596	0.0888	"	0.887	ND	67.1	10-119		5.44	30	
Bis(2-chloroisopropyl)ether	0.661	0.0888	"	0.887	ND	74.5	10-139		6.07	30	
Bis(2-ethylhexyl)phthalate	3.77	0.0888	"	0.887	3.79	NR	10-167	Low Bias	175	30	Non-dir.
Caprolactam	0.901	0.177	"	0.887	ND	102	10-132		16.2	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30877 - EPA 3550C											
Matrix Spike Dup (BA30877-MSD1)	*Source sample: 23A0574-03 (Matrix Spike Dup)							Prepared & Analyzed: 01/18/2023			
Carbazole	0.763	0.0888	mg/kg dry	0.887	ND	86.0	10-167		15.7	30	
Chrysene	1.13	0.0888	"	0.887	0.321	91.4	10-156		4.51	30	
Dibenzo(a,h)anthracene	0.731	0.0888	"	0.887	0.0472	77.1	10-137		10.2	30	
Dibenzofuran	0.649	0.0888	"	0.887	ND	73.1	10-147		15.6	30	
Diethyl phthalate	0.641	0.0888	"	0.887	ND	72.2	20-120		13.1	30	
Dimethyl phthalate	0.633	0.0888	"	0.887	ND	71.4	18-131		4.52	30	
Di-n-butyl phthalate	0.728	0.0888	"	0.887	0.0514	76.2	10-137		31.0	30	Non-dir.
Di-n-octyl phthalate	1.08	0.0888	"	0.887	0.589	54.8	10-180		177	30	Non-dir.
Fluoranthene	1.55	0.0888	"	0.887	0.597	108	10-160		1.85	30	
Fluorene	0.701	0.0888	"	0.887	ND	79.0	10-157		20.9	30	
Hexachlorobenzene	0.669	0.0888	"	0.887	ND	75.4	10-137		17.6	30	
Hexachlorobutadiene	0.627	0.0888	"	0.887	ND	70.6	10-132		2.54	30	
Hexachlorocyclopentadiene	0.151	0.0888	"	0.887	ND	17.0	10-106		20.7	30	
Hexachloroethane	0.578	0.0888	"	0.887	ND	65.1	10-110		3.56	30	
Indeno(1,2,3-cd)pyrene	0.923	0.0888	"	0.887	0.195	82.1	10-144		2.82	30	
Isophorone	0.764	0.0888	"	0.887	ND	86.2	10-132		4.45	30	
Naphthalene	0.923	0.0888	"	0.887	0.0593	97.3	10-141		20.2	30	
Nitrobenzene	0.747	0.0888	"	0.887	ND	84.2	10-131		4.71	30	
N-Nitrosodimethylamine	0.524	0.0888	"	0.887	ND	59.0	10-126		17.2	30	
N-nitroso-di-n-propylamine	0.651	0.0888	"	0.887	ND	73.4	10-125		1.35	30	
N-Nitrosodiphenylamine	0.933	0.0888	"	0.887	ND	105	10-177		10.8	30	
Pentachlorophenol	0.0916	0.0888	"	0.887	ND	10.3	10-153		156	30	Non-dir.
Phenanthrene	1.27	0.0888	"	0.887	0.282	111	10-148		16.2	30	
Phenol	0.591	0.0888	"	0.887	ND	66.6	10-126		19.0	30	
Pyrene	1.69	0.0888	"	0.887	0.630	120	10-165		4.75	30	
Surrogate: SURR: 2-Fluorophenol	*0.876*		"	*1.77*		*49.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.14*		"	*1.77*		*64.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.743*		"	*0.887*		*83.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.605*		"	*0.887*		*68.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.604*		"	*1.77*		*34.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.641*		"	*0.887*		*72.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30692 - EPA 3535A											
Blank (BA30692-BLK1)								Prepared & Analyzed: 01/16/2023			
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.45*		"	*4.00*		*86.3*	*36.6-118*				
LCS (BA30692-BS1)								Prepared & Analyzed: 01/16/2023			
1,4-Dioxane	4.11	0.300	ug/L	4.00		103	50-130				
Surrogate: 1,4-Dioxane-d8	*3.04*		"	*4.00*		*75.9*	*36.6-118*				
Matrix Spike (BA30692-MS1)	*Source sample: 23A0686-01 (Matrix Spike)							Prepared & Analyzed: 01/16/2023			
1,4-Dioxane	4.82	0.300	ug/L	4.00	0.848	99.2	50-130				
Surrogate: 1,4-Dioxane-d8	*3.25*		"	*4.00*		*81.2*	*50-130*				
Matrix Spike Dup (BA30692-MSD1)	*Source sample: 23A0686-01 (Matrix Spike Dup)							Prepared & Analyzed: 01/16/2023			
1,4-Dioxane	4.80	0.300	ug/L	4.00	0.848	98.8	50-130		0.333	30	
Surrogate: 1,4-Dioxane-d8	*2.99*		"	*4.00*		*74.7*	*50-130*				
Batch BA30794 - EPA 3550C											
Blank (BA30794-BLK1)								Prepared: 01/17/2023 Analyzed: 01/18/2023			
1,4-Dioxane	ND	20.0	ug/kg								
Surrogate: 1,4-Dioxane-d8	*421*		"	*500*		*84.2*	*39-127.5*				
LCS (BA30794-BS1)								Prepared: 01/17/2023 Analyzed: 01/18/2023			
1,4-Dioxane	569	20.0	ug/kg	500		114	40-130				
Surrogate: 1,4-Dioxane-d8	*351*		"	*500*		*70.2*	*39-127.5*				
Matrix Spike (BA30794-MS1)	*Source sample: 23A0747-28 (Matrix Spike)							Prepared: 01/17/2023 Analyzed: 01/18/2023			
1,4-Dioxane	544	19.8	ug/kg	495	ND	110	40-130				
Surrogate: 1,4-Dioxane-d8	*333*		"	*495*		*67.3*	*40-130*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30794 - EPA 3550C											
Matrix Spike Dup (BA30794-MSD1)	*Source sample: 23A0747-28 (Matrix Spike Dup)								Prepared: 01/17/2023 Analyzed: 01/18/2023		
1,4-Dioxane	533	19.8	ug/kg	495	ND	108	40-130		2.02	30	
Surrogate: 1,4-Dioxane-d8	*346*		*"*	*495*		*69.9*	*40-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30727 - EPA 1633 Prep											
Blank (BA30727-BLK1)											Prepared: 01/16/2023 Analyzed: 01/17/2023
Perfluorobutanesulfonic acid (PFBS)	ND	4.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	4.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	4.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	4.00	"								
Perfluorooctanoic acid (PFOA)	ND	4.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	4.00	"								
Perfluorononanoic acid (PFNA)	ND	4.00	"								
Perfluorodecanoic acid (PFDA)	ND	4.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	4.00	"								
Perfluorododecanoic acid (PFDoA)	ND	4.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	4.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	4.00	"								
N-MeFOSAA	ND	4.00	"								
N-EtFOSAA	ND	4.00	"								
Perfluoropentanoic acid (PFPeA)	ND	8.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	4.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	4.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	4.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	16.0	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	16.0	"								
Perfluoro-n-butanoic acid (PFBA)	ND	16.0	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	8.00	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	8.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	8.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	8.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	4.00	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	16.0	"								
HFPO-DA (Gen-X)	ND	16.0	"								
11CL-PF3OUdS	ND	16.0	"								
9CL-PF3ONS	ND	16.0	"								
ADONA	ND	16.0	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	4.00	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	4.00	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	10.0	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	50.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	50.0	"								
N-MeFOSE	ND	40.0	"								
N-MeFOSA	ND	4.00	"								
N-EtFOSE	ND	40.0	"								
N-EtFOSA	0.448	0.400	"								
Surrogate: M3PFBS	*49.4*		*"*	*46.6*		*106*	*25-150*				
Surrogate: M5PFHxA	*52.8*		*"*	*50.0*		*106*	*25-150*				
Surrogate: M4PFHpA	*46.7*		*"*	*50.0*		*93.5*	*25-150*				
Surrogate: M3PFHxS	*56.1*		*"*	*47.4*		*118*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*48.6*		*"*	*50.0*		*97.3*	*25-150*				
Surrogate: M6PFDA	*25.2*		*"*	*25.0*		*101*	*25-150*				
Surrogate: M7PFUdA	*22.0*		*"*	*25.0*		*88.0*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30727 - EPA 1633 Prep											
Blank (BA30727-BLK1)								Prepared: 01/16/2023 Analyzed: 01/17/2023			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*21.0*		*ng/L*	*25.0*		*84.0*	*25-150*				
Surrogate: M2PFTeDA	*14.8*		*"*	*25.0*		*59.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*221*		*"*	*200*		*111*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*58.9*		*"*	*47.9*		*123*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*109*		*"*	*100*		*109*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*11.1*		*"*	*50.0*		*22.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*91.1*		*"*	*100*		*91.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*91.1*		*"*	*100*		*91.1*	*25-150*				
Surrogate: M2-6:2 FTS	*95.7*		*"*	*95.1*		*101*	*25-200*				
Surrogate: M2-8:2 FTS	*90.5*		*"*	*96.0*		*94.3*	*25-200*				
Surrogate: M9PFNA	*28.9*		*"*	*25.0*		*116*	*25-150*				
Surrogate: M2-4:2 FTS	*90.4*		*"*	*93.8*		*96.4*	*25-150*				
Surrogate: d-N-MeFOSA	*18.9*		*"*	*50.0*		*37.9*	*25-150*				
Surrogate: d-N-EtFOSA	*36.7*		*"*	*50.0*		*73.3*	*25-150*				
Surrogate: M3HFPO-DA	*190*		*"*	*200*		*95.2*	*25-150*				
Surrogate: d9-N-EtFOSE	*163*		*"*	*500*		*32.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*151*		*"*	*500*		*30.1*	*25-150*				
LCS (BA30727-BS1)								Prepared: 01/16/2023 Analyzed: 01/17/2023			
Perfluorobutanesulfonic acid (PFBS)	64.7	4.00	ng/L	70.8		91.4	50-150				
Perfluorohexanoic acid (PFHxA)	76.9	4.00	"	80.0		96.1	50-150				
Perfluoroheptanoic acid (PFHpA)	81.5	4.00	"	80.0		102	50-150				
Perfluorohexanesulfonic acid (PFHxS)	87.2	4.00	"	73.2		119	50-150				
Perfluorooctanoic acid (PFOA)	72.9	4.00	"	80.0		91.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	67.9	4.00	"	74.4		91.3	50-150				
Perfluorononanoic acid (PFNA)	62.8	4.00	"	80.0		78.6	50-150				
Perfluorodecanoic acid (PFDA)	68.5	4.00	"	80.0		85.7	50-150				
Perfluoroundecanoic acid (PFUnA)	79.1	4.00	"	80.0		98.9	50-150				
Perfluorododecanoic acid (PFDoA)	76.2	4.00	"	80.0		95.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	80.5	4.00	"	80.0		101	50-150				
Perfluorotetradecanoic acid (PFTA)	68.7	4.00	"	80.0		85.9	50-150				
N-MeFOSAA	65.2	4.00	"	80.0		81.5	50-150				
N-EtFOSAA	77.3	4.00	"	80.0		96.7	50-150				
Perfluoropentanoic acid (PFPeA)	148	8.00	"	160		92.3	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	68.4	4.00	"	80.0		85.5	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	75.9	4.00	"	76.4		99.3	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	76.0	4.00	"	77.2		98.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	284	16.0	"	304		93.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	295	16.0	"	307		95.9	50-150				
Perfluoro-n-butanoic acid (PFBA)	291	16.0	"	320		90.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	150	8.00	"	142		105	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	94.1	8.00	"	160		58.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	159	8.00	"	160		99.6	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	157	8.00	"	160		98.2	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	67.9	4.00	"	75.2		90.3	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30727 - EPA 1633 Prep											
LCS (BA30727-BS1)								Prepared: 01/16/2023 Analyzed: 01/17/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	273	16.0	ng/L	300		90.9	50-150				
HFPO-DA (Gen-X)	164	16.0	"	160		103	50-150				
11CL-PF3OUdS	163	16.0	"	151		108	50-150				
9CL-PF3ONS	180	16.0	"	150		120	50-150				
ADONA	167	16.0	"	151		111	50-150				
Perfluorododecanesulfonic acid (PFDoS)	61.6	4.00	"	77.6		79.4	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	80.7	4.00	"	76.8		105	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	327	10.0	"	320		102	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	1980	50.0	"	1600		124	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	1890	50.0	"	1600		118	50-150				
N-MeFOSE	778	40.0	"	800		97.2	50-150				
N-MeFOSA	74.4	4.00	"	80.0		93.0	50-150				
N-EtFOSE	831	40.0	"	800		104	50-150				
N-EtFOSA	71.9	0.400	"	80.0		89.9	50-150				
Surrogate: M3PFBS	*48.8*		"	*46.6*		*105*	*25-150*				
Surrogate: M5PFHxA	*54.8*		"	*50.0*		*110*	*25-150*				
Surrogate: M4PFHpA	*51.1*		"	*50.0*		*102*	*25-150*				
Surrogate: M3PFHxS	*53.1*		"	*47.4*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*49.2*		"	*50.0*		*98.4*	*25-150*				
Surrogate: M6PFDA	*25.2*		"	*25.0*		*101*	*25-150*				
Surrogate: M7PFUdA	*22.6*		"	*25.0*		*90.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*21.0*		"	*25.0*		*83.8*	*25-150*				
Surrogate: M2PFTeDA	*16.8*		"	*25.0*		*67.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*213*		"	*200*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*52.5*		"	*47.9*		*110*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*113*		"	*100*		*113*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.71*		"	*50.0*		*13.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*86.3*		"	*100*		*86.3*	*25-150*				
Surrogate: d5-N-EtFOSAA	*82.8*		"	*100*		*82.8*	*25-150*				
Surrogate: M2-6:2 FTS	*95.0*		"	*95.1*		*100*	*25-200*				
Surrogate: M2-8:2 FTS	*90.9*		"	*96.0*		*94.7*	*25-200*				
Surrogate: M9PFNA	*31.7*		"	*25.0*		*127*	*25-150*				
Surrogate: M2-4:2 FTS	*88.3*		"	*93.8*		*94.1*	*25-150*				
Surrogate: d-N-MeFOSA	*14.8*		"	*50.0*		*29.5*	*25-150*				
Surrogate: d-N-EtFOSA	*27.7*		"	*50.0*		*55.4*	*25-150*				
Surrogate: M3HFPO-DA	*203*		"	*200*		*102*	*25-150*				
Surrogate: d9-N-EtFOSE	*100*		"	*500*		*20.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*103*		"	*500*		*20.6*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30727 - EPA 1633 Prep											
LCS (BA30727-BS2)								Prepared: 01/16/2023 Analyzed: 01/17/2023			
Perfluorobutanesulfonic acid (PFBS)	7.27	4.00	ng/L	7.08		103	50-150				
Perfluorohexanoic acid (PFHxA)	7.92	4.00	"	8.00		99.0	50-150				
Perfluoroheptanoic acid (PFHpA)	7.44	4.00	"	8.00		93.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	9.17	4.00	"	7.32		125	50-150				
Perfluorooctanoic acid (PFOA)	8.27	4.00	"	8.00		103	50-150				
Perfluorooctanesulfonic acid (PFOS)	6.50	4.00	"	7.44		87.4	50-150				
Perfluorononanoic acid (PFNA)	6.38	4.00	"	8.00		79.7	50-150				
Perfluorodecanoic acid (PFDA)	8.74	4.00	"	8.00		109	50-150				
Perfluoroundecanoic acid (PFUnA)	7.18	4.00	"	8.00		89.8	50-150				
Perfluorododecanoic acid (PFDoA)	8.94	4.00	"	8.00		112	50-150				
Perfluorotridecanoic acid (PFTrDA)	9.81	4.00	"	8.00		123	50-150				
Perfluorotetradecanoic acid (PFTA)	7.70	4.00	"	8.00		96.3	50-150				
N-MeFOSAA	7.52	4.00	"	8.00		94.1	50-150				
N-EtFOSAA	7.09	4.00	"	8.00		88.6	50-150				
Perfluoropentanoic acid (PFPeA)	15.7	8.00	"	16.0		98.3	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	8.51	4.00	"	8.00		106	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	8.44	4.00	"	7.64		110	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	7.62	4.00	"	7.72		98.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	30.7	16.0	"	30.4		101	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	31.1	16.0	"	30.7		101	50-150				
Perfluoro-n-butanoic acid (PFBA)	30.2	16.0	"	32.0		94.4	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	15.5	8.00	"	14.2		109	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	10.9	8.00	"	16.0		68.4	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	17.3	8.00	"	16.0		108	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	16.0	8.00	"	16.0		100	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	7.00	4.00	"	7.52		93.2	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	32.6	16.0	"	30.0		109	50-150				
HFPO-DA (Gen-X)	14.0	16.0	"	16.0		87.7	50-150				
11CL-PF3OUdS	15.8	16.0	"	15.1		104	50-150				
9CL-PF3ONS	17.3	16.0	"	15.0		116	50-150				
ADONA	17.4	16.0	"	15.1		115	50-150				
Perfluorododecanesulfonic acid (PFDoS)	7.47	4.00	"	7.76		96.3	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	8.96	4.00	"	7.68		117	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	19.5	10.0	"	32.0		61.0	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	122	50.0	"	160		76.1	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	130	50.0	"	160		81.4	50-150				
N-MeFOSE	82.6	40.0	"	80.0		103	50-150				
N-MeFOSA	6.99	4.00	"	8.00		87.4	50-150				
N-EtFOSE	93.3	40.0	"	80.0		117	50-150				
N-EtFOSA	8.47	0.400	"	8.00		106	50-150				
Surrogate: M3PFBS	*44.0*		"	*46.6*		*94.5*	*25-150*				
Surrogate: M5PFHxA	*51.1*		"	*50.0*		*102*	*25-150*				
Surrogate: M4PFHpA	*45.9*		"	*50.0*		*91.8*	*25-150*				
Surrogate: M3PFHxS	*51.0*		"	*47.4*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*42.3*		"	*50.0*		*84.6*	*25-150*				
Surrogate: M6PFDA	*23.8*		"	*25.0*		*95.3*	*25-150*				
Surrogate: M7PFUdA	*23.8*		"	*25.0*		*95.1*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30727 - EPA 1633 Prep											
LCS (BA30727-BS2)									Prepared: 01/16/2023 Analyzed: 01/17/2023		
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*18.2*		*ng/L*	*25.0*		*72.7*	*25-150*				
Surrogate: M2PFTeDA	*14.6*		*"*	*25.0*		*58.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*202*		*"*	*200*		*101*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*52.5*		*"*	*47.9*		*110*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*100*		*"*	*100*		*100*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.77*		*"*	*50.0*		*13.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*72.8*		*"*	*100*		*72.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*74.6*		*"*	*100*		*74.6*	*25-150*				
Surrogate: M2-6:2 FTS	*86.7*		*"*	*95.1*		*91.1*	*25-200*				
Surrogate: M2-8:2 FTS	*80.9*		*"*	*96.0*		*84.3*	*25-200*				
Surrogate: M9PFNA	*25.6*		*"*	*25.0*		*102*	*25-150*				
Surrogate: M2-4:2 FTS	*79.8*		*"*	*93.8*		*85.1*	*25-150*				
Surrogate: d-N-MeFOSA	*7.26*		*"*	*50.0*		*14.5*	*25-150*				
Surrogate: d-N-EtFOSA	*30.2*		*"*	*50.0*		*60.3*	*25-150*				
Surrogate: M3HFPO-DA	*196*		*"*	*200*		*97.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*120*		*"*	*500*		*24.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*108*		*"*	*500*		*21.5*	*25-150*				
Duplicate (BA30727-DUP1)	*Source sample: 23A0667-06 (Duplicate)								Prepared: 01/16/2023 Analyzed: 01/17/2023		
Perfluorobutanesulfonic acid (PFBS)	3.04	2.97	ng/L		2.98				1.96	30	
Perfluorohexanoic acid (PFHxA)	8.39	2.97	"		7.45				11.9	30	
Perfluoroheptanoic acid (PFHpA)	5.67	2.97	"		4.54				22.0	30	
Perfluorohexanesulfonic acid (PFHxS)	3.06	2.97	"		3.03				1.08	30	
Perfluorooctanoic acid (PFOA)	12.3	2.97	"		10.4				16.2	30	
Perfluorooctanesulfonic acid (PFOS)	13.2	2.97	"		12.0				8.98	30	
Perfluorononanoic acid (PFNA)	ND	2.97	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	2.97	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	2.97	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	2.97	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	2.97	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	2.97	"		ND					30	
N-MeFOSAA	ND	2.97	"		ND					30	
N-EtFOSAA	ND	2.97	"		ND					30	
Perfluoropentanoic acid (PFPeA)	10.8	5.94	"		9.67				10.9	30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.97	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.97	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.97	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	11.9	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	11.9	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	4.74	11.9	"		4.22				11.6	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	5.94	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	5.94	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	5.94	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	5.94	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	2.97	"		ND					30	

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30727 - EPA 1633 Prep											
Duplicate (BA30727-DUP1)	*Source sample: 23A0667-06 (Duplicate)								Prepared: 01/16/2023 Analyzed: 01/17/2023		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	11.9	ng/L		ND					30	
HFPO-DA (Gen-X)	ND	11.9	"		ND					30	
11CL-PF3OUdS	ND	11.9	"		ND					30	
9CL-PF3ONS	ND	11.9	"		ND					30	
ADONA	ND	11.9	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	2.97	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	2.97	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	7.43	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	37.1	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	37.1	"		ND					30	
N-MeFOSE	ND	29.7	"		ND					30	
N-MeFOSA	ND	2.97	"		ND					30	
N-EtFOSE	ND	29.7	"		ND					30	
N-EtFOSA	ND	0.297	"		ND					30	
Surrogate: M3PFBS	*100*		"	*86.5*		*116*	*25-150*				
Surrogate: M5PFHxA	*106*		"	*92.8*		*114*	*25-150*				
Surrogate: M4PFHpA	*94.0*		"	*92.8*		*101*	*25-150*				
Surrogate: M3PFHxS	*112*		"	*88.0*		*127*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*106*		"	*92.8*		*114*	*25-150*				
Surrogate: M6PFDA	*49.4*		"	*46.4*		*106*	*25-150*				
Surrogate: M7PFUdA	*41.2*		"	*46.4*		*88.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*33.0*		"	*46.4*		*71.2*	*25-150*				
Surrogate: M2PFTeDA	*24.6*		"	*46.4*		*53.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*418*		"	*371*		*113*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*111*		"	*88.9*		*125*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*223*		"	*186*		*120*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*8.71*		"	*92.8*		*9.38*	*10-150*				
Surrogate: d3-N-MeFOSAA	*168*		"	*186*		*90.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*167*		"	*186*		*90.1*	*25-150*				
Surrogate: M2-6:2 FTS	*177*		"	*177*		*100*	*25-200*				
Surrogate: M2-8:2 FTS	*196*		"	*178*		*110*	*25-200*				
Surrogate: M9PFNA	*58.9*		"	*46.4*		*127*	*25-150*				
Surrogate: M2-4:2 FTS	*165*		"	*174*		*94.7*	*25-150*				
Surrogate: d-N-MeFOSA	*19.2*		"	*92.8*		*20.6*	*25-150*				
Surrogate: d-N-EtFOSA	*27.1*		"	*92.8*		*29.2*	*25-150*				
Surrogate: M3HFPO-DA	*400*		"	*371*		*108*	*25-150*				
Surrogate: d9-N-EtFOSE	*179*		"	*928*		*19.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*170*		"	*928*		*18.3*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30803 - EPA 1633 Prep											
Blank (BA30803-BLK1)											Prepared: 01/17/2023 Analyzed: 01/20/2023
Perfluorobutanesulfonic acid (PFBS)	ND	0.197	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.197	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.197	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.197	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.789	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.789	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.789	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.394	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.197	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.789	"								
HFPO-DA (Gen-X)	ND	0.789	"								
11CL-PF3OUdS	ND	0.789	"								
9CL-PF3ONS	ND	0.789	"								
ADONA	ND	0.789	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.197	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.197	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.986	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.93	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.93	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*2.19*		"	*2.30*		*95.4*	*25-150*				
Surrogate: M5PFHxA	*2.49*		"	*2.47*		*101*	*25-150*				
Surrogate: M4PFHpA	*2.41*		"	*2.47*		*97.9*	*25-150*				
Surrogate: M3PFHxS	*2.25*		"	*2.34*		*96.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.20*		"	*2.47*		*89.3*	*25-150*				
Surrogate: M6PFDA	*0.975*		"	*1.23*		*79.1*	*25-150*				
Surrogate: M7PFUdA	*0.932*		"	*1.23*		*75.6*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30803 - EPA 1633 Prep											
Blank (BA30803-BLK1)								Prepared: 01/17/2023 Analyzed: 01/20/2023			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.750*		*ug/kg wet*	*1.23*		*60.8*	*25-150*				
Surrogate: M2PFTeDA	*0.654*		*"*	*1.23*		*53.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.6*		*"*	*9.86*		*107*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.49*		*"*	*2.36*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.49*		*"*	*4.93*		*111*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.430*		*"*	*2.47*		*17.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.61*		*"*	*4.93*		*73.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.91*		*"*	*4.93*		*79.4*	*25-150*				
Surrogate: M2-6:2 FTS	*4.46*		*"*	*4.69*		*95.1*	*25-200*				
Surrogate: M2-8:2 FTS	*3.39*		*"*	*4.73*		*71.6*	*25-200*				
Surrogate: M9PFNA	*1.29*		*"*	*1.23*		*105*	*25-150*				
Surrogate: M2-4:2 FTS	*2.64*		*"*	*4.63*		*57.1*	*25-150*				
Surrogate: d-N-MeFOSA	*0.366*		*"*	*2.47*		*14.9*	*25-150*				
Surrogate: d-N-EtFOSA	*0.731*		*"*	*2.47*		*29.6*	*25-150*				
Surrogate: M3HFPO-DA	*9.86*		*"*	*9.86*		*99.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*6.79*		*"*	*24.7*		*27.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.67*		*"*	*24.7*		*23.0*	*25-150*				
LCS (BA30803-BS1)								Prepared: 01/17/2023 Analyzed: 01/20/2023			
Perfluorobutanesulfonic acid (PFBS)	3.56	0.200	ug/kg wet	3.53		101	50-150				
Perfluorohexanoic acid (PFHxA)	3.98	0.200	"	3.99		99.7	50-150				
Perfluoroheptanoic acid (PFHpA)	3.99	0.200	"	3.99		100	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.71	0.200	"	3.65		129	50-150				
Perfluorooctanoic acid (PFOA)	3.91	0.200	"	3.99		98.0	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.36	0.200	"	3.71		90.6	50-150				
Perfluorononanoic acid (PFNA)	3.66	0.200	"	3.99		91.6	50-150				
Perfluorodecanoic acid (PFDA)	3.56	0.200	"	3.99		89.2	50-150				
Perfluoroundecanoic acid (PFUnA)	3.65	0.200	"	3.99		91.5	50-150				
Perfluorododecanoic acid (PFDoA)	4.00	0.200	"	3.99		100	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.34	0.200	"	3.99		109	50-150				
Perfluorotetradecanoic acid (PFTA)	3.68	0.200	"	3.99		92.1	50-150				
N-MeFOSAA	3.73	0.200	"	3.99		93.4	50-150				
N-EtFOSAA	3.73	0.200	"	3.99		93.5	50-150				
Perfluoropentanoic acid (PFPeA)	7.75	0.399	"	7.98		97.1	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.01	0.200	"	3.99		100	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.98	0.200	"	3.81		105	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.09	0.200	"	3.85		80.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	15.2	0.798	"	15.2		100	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	15.0	0.798	"	15.3		97.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	15.2	0.798	"	16.0		95.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.62	0.399	"	7.11		107	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	4.94	0.399	"	7.98		61.9	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	8.81	0.399	"	7.98		110	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.98	0.399	"	7.98		100	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.77	0.200	"	3.75		101	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30803 - EPA 1633 Prep											
LCS (BA30803-BS1)								Prepared: 01/17/2023 Analyzed: 01/20/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	14.5	0.798	ug/kg wet	15.0		96.9	50-150				
HFPO-DA (Gen-X)	7.72	0.798	"	7.98		96.7	50-150				
11CL-PF3OUdS	5.74	0.798	"	7.54		76.1	50-150				
9CL-PF3ONS	6.97	0.798	"	7.47		93.4	50-150				
ADONA	8.01	0.798	"	7.54		106	50-150				
Perfluorododecanesulfonic acid (PFDoS)	2.28	0.200	"	3.87		58.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	3.84	0.200	"	3.83		100	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	17.4	0.998	"	16.0		109	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	115	4.99	"	79.8		144	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	98.6	4.99	"	79.8		123	50-150				
N-MeFOSE	40.1	2.00	"	39.9		100	50-150				
N-MeFOSA	4.51	0.200	"	3.99		113	50-150				
N-EtFOSE	40.2	2.00	"	39.9		101	50-150				
N-EtFOSA	3.51	0.200	"	3.99		88.0	50-150				
Surrogate: M3PFBS	*2.10*		"	*2.33*		*90.5*	*25-150*				
Surrogate: M5PFHxA	*2.30*		"	*2.50*		*92.1*	*25-150*				
Surrogate: M4PFHpA	*2.13*		"	*2.50*		*85.3*	*25-150*				
Surrogate: M3PFHxS	*2.20*		"	*2.37*		*92.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.08*		"	*2.50*		*83.4*	*25-150*				
Surrogate: M6PFDA	*1.12*		"	*1.25*		*90.2*	*25-150*				
Surrogate: M7PFUdA	*0.972*		"	*1.25*		*77.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.807*		"	*1.25*		*64.7*	*25-150*				
Surrogate: M2PFTeDA	*0.636*		"	*1.25*		*51.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.92*		"	*9.98*		*99.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.15*		"	*2.39*		*90.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.96*		"	*4.99*		*99.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.600*		"	*2.50*		*24.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.79*		"	*4.99*		*75.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.62*		"	*4.99*		*72.5*	*25-150*				
Surrogate: M2-6:2 FTS	*4.50*		"	*4.75*		*94.7*	*25-200*				
Surrogate: M2-8:2 FTS	*3.85*		"	*4.79*		*80.3*	*25-200*				
Surrogate: M9PFNA	*1.05*		"	*1.25*		*83.9*	*25-150*				
Surrogate: M2-4:2 FTS	*3.49*		"	*4.68*		*74.6*	*25-150*				
Surrogate: d-N-MeFOSA	*0.629*		"	*2.50*		*25.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.27*		"	*2.50*		*50.9*	*25-150*				
Surrogate: M3HFPO-DA	*9.11*		"	*9.98*		*91.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*9.42*		"	*25.0*		*37.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*6.30*		"	*25.0*		*25.2*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30803 - EPA 1633 Prep											
LCS (BA30803-BS2)								Prepared: 01/17/2023 Analyzed: 01/20/2023			
Perfluorobutanesulfonic acid (PFBS)	0.333	0.200	ug/kg wet	0.354		94.0	50-150				
Perfluorohexanoic acid (PFHxA)	0.344	0.200	"	0.400		86.1	50-150				
Perfluoroheptanoic acid (PFHpA)	0.366	0.200	"	0.400		91.4	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.448	0.200	"	0.366		122	50-150				
Perfluorooctanoic acid (PFOA)	0.347	0.200	"	0.400		86.7	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.271	0.200	"	0.372		72.9	50-150				
Perfluorononanoic acid (PFNA)	0.385	0.200	"	0.400		96.3	50-150				
Perfluorodecanoic acid (PFDA)	0.349	0.200	"	0.400		87.2	50-150				
Perfluoroundecanoic acid (PFUnA)	0.391	0.200	"	0.400		97.8	50-150				
Perfluorododecanoic acid (PFDoA)	0.371	0.200	"	0.400		92.8	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.384	0.200	"	0.400		96.1	50-150				
Perfluorotetradecanoic acid (PFTA)	0.337	0.200	"	0.400		84.3	50-150				
N-MeFOSAA	0.318	0.200	"	0.400		79.5	50-150				
N-EtFOSAA	0.343	0.200	"	0.400		85.8	50-150				
Perfluoropentanoic acid (PFPeA)	0.703	0.400	"	0.800		87.9	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.311	0.200	"	0.400		77.8	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.336	0.200	"	0.382		87.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.305	0.200	"	0.386		79.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	1.39	0.800	"	1.52		91.5	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	1.57	0.800	"	1.54		102	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.39	0.800	"	1.60		87.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.691	0.400	"	0.712		97.0	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.649	0.400	"	0.800		81.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.785	0.400	"	0.800		98.1	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	0.721	0.400	"	0.800		90.1	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.341	0.200	"	0.376		90.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	1.46	0.800	"	1.50		97.5	50-150				
HFPO-DA (Gen-X)	0.764	0.800	"	0.800		95.4	50-150				
11CL-PF3OUdS	0.548	0.800	"	0.756		72.5	50-150				
9CL-PF3ONS	0.693	0.800	"	0.748		92.6	50-150				
ADONA	0.780	0.800	"	0.756		103	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.212	0.200	"	0.388		54.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.429	0.200	"	0.384		112	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.32	1.00	"	1.60		82.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	9.27	5.00	"	8.00		116	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	7.95	5.00	"	8.00		99.4	50-150				
N-MeFOSE	3.31	2.00	"	4.00		82.6	50-150				
N-MeFOSA	0.396	0.200	"	0.400		99.0	50-150				
N-EtFOSE	3.66	2.00	"	4.00		91.6	50-150				
N-EtFOSA	0.502	0.200	"	0.400		126	50-150				
Surrogate: M3PFBS	*2.20*		"	*2.33*		*94.2*	*25-150*				
Surrogate: M5PFHxA	*2.51*		"	*2.50*		*100*	*25-150*				
Surrogate: M4PFHpA	*2.30*		"	*2.50*		*91.9*	*25-150*				
Surrogate: M3PFHxS	*2.29*		"	*2.37*		*96.6*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.29*		"	*2.50*		*91.8*	*25-150*				
Surrogate: M6PFDA	*1.08*		"	*1.25*		*86.6*	*25-150*				
Surrogate: M7PFUdA	*0.952*		"	*1.25*		*76.2*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30803 - EPA 1633 Prep											
LCS (BA30803-BS2)									Prepared: 01/17/2023 Analyzed: 01/20/2023		
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.867*		*ug/kg wet*	*1.25*		*69.4*	*25-150*				
Surrogate: M2PFTeDA	*0.757*		*"*	*1.25*		*60.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*10.1*		*"*	*10.0*		*101*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.16*		*"*	*2.40*		*90.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.24*		*"*	*5.00*		*105*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.459*		*"*	*2.50*		*18.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.08*		*"*	*5.00*		*81.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.03*		*"*	*5.00*		*80.6*	*25-150*				
Surrogate: M2-6:2 FTS	*4.72*		*"*	*4.76*		*99.2*	*25-200*				
Surrogate: M2-8:2 FTS	*3.68*		*"*	*4.80*		*76.7*	*25-200*				
Surrogate: M9PFNA	*1.04*		*"*	*1.25*		*82.9*	*25-150*				
Surrogate: M2-4:2 FTS	*3.36*		*"*	*4.69*		*71.7*	*25-150*				
Surrogate: d-N-MeFOSA	*0.452*		*"*	*2.50*		*18.1*	*25-150*				
Surrogate: d-N-EtFOSA	*1.01*		*"*	*2.50*		*40.5*	*25-150*				
Surrogate: M3HFPO-DA	*9.28*		*"*	*10.0*		*92.8*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.51*		*"*	*25.0*		*22.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*4.37*		*"*	*25.0*		*17.5*	*25-150*				
Duplicate (BA30803-DUP1)	*Source sample: 23A0707-04 (Duplicate)								Prepared: 01/17/2023 Analyzed: 01/21/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.222	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.222	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.222	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.222	"		ND					30	
Perfluorooctanoic acid (PFOA)	0.665	0.222	"		0.670				0.674	30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.222	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.222	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.222	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.222	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.222	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.222	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.222	"		ND					30	
N-MeFOSAA	ND	0.222	"		ND					30	
N-EtFOSAA	ND	0.222	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.443	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.222	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.222	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.222	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	0.887	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	0.887	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.887	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.443	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.443	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.443	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.443	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.222	"		ND					30	

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30803 - EPA 1633 Prep											
Duplicate (BA30803-DUP1)	*Source sample: 23A0707-04 (Duplicate)								Prepared: 01/17/2023 Analyzed: 01/21/2023		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	0.887	ug/kg dry		ND					30	
HFPO-DA (Gen-X)	ND	0.887	"		ND					30	
11CL-PF3OUdS	ND	0.887	"		ND					30	
9CL-PF3ONS	ND	0.887	"		ND					30	
ADONA	ND	0.887	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	0.222	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.222	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.11	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.54	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.54	"		ND					30	
N-MeFOSE	ND	2.22	"		ND					30	
N-MeFOSA	ND	0.222	"		ND					30	
N-EtFOSE	ND	2.22	"		ND					30	
N-EtFOSA	ND	0.222	"		ND					30	
Surrogate: M3PFBS	*1.96*		"	*2.58*		*75.8*	*25-150*				
Surrogate: M5PFHxA	*2.70*		"	*2.77*		*97.3*	*25-150*				
Surrogate: M4PFHpA	*2.60*		"	*2.77*		*93.8*	*25-150*				
Surrogate: M3PFHxS	*2.29*		"	*2.63*		*87.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.11*		"	*2.77*		*76.1*	*25-150*				
Surrogate: M6PFDA	*1.14*		"	*1.39*		*82.2*	*25-150*				
Surrogate: M7PFUdA	*1.02*		"	*1.39*		*73.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.04*		"	*1.39*		*75.3*	*25-150*				
Surrogate: M2PFTeDA	*0.817*		"	*1.39*		*59.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*11.0*		"	*11.1*		*99.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.36*		"	*2.65*		*88.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.78*		"	*5.54*		*104*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.632*		"	*2.77*		*22.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.26*		"	*5.54*		*77.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.73*		"	*5.54*		*85.4*	*25-150*				
Surrogate: M2-6:2 FTS	*4.17*		"	*5.27*		*79.2*	*25-200*				
Surrogate: M2-8:2 FTS	*3.47*		"	*5.32*		*65.2*	*25-200*				
Surrogate: M9PFNA	*1.34*		"	*1.39*		*96.9*	*25-150*				
Surrogate: M2-4:2 FTS	*3.60*		"	*5.20*		*69.2*	*25-150*				
Surrogate: d-N-MeFOSA	*0.531*		"	*2.77*		*19.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.18*		"	*2.77*		*42.5*	*25-150*				
Surrogate: M3HFPO-DA	*9.33*		"	*11.1*		*84.2*	*25-150*				
Surrogate: d9-N-EtFOSE	*9.02*		"	*27.7*		*32.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*7.86*		"	*27.7*		*28.4*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30608 - EPA SW846-3510C Low Level											
Blank (BA30608-BLK1)									Prepared: 01/13/2023 Analyzed: 01/16/2023		
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	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.133*		*"*	*0.200*		*66.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.228*		*"*	*0.200*		*114*	*30-150*				
LCS (BA30608-BS1)									Prepared: 01/13/2023 Analyzed: 01/16/2023		
4,4'-DDD	0.0946	0.00400	ug/L	0.100		94.6	40-140			20	
4,4'-DDE	0.0968	0.00400	"	0.100		96.8	40-140			20	
4,4'-DDT	0.104	0.00400	"	0.100		104	40-140			20	
Aldrin	0.0890	0.00400	"	0.100		89.0	40-140			20	
alpha-BHC	0.0850	0.00400	"	0.100		85.0	40-140			20	
alpha-Chlordane	0.0974	0.00400	"	0.100		97.4	40-140			20	
beta-BHC	0.109	0.00400	"	0.100		109	40-140			20	
delta-BHC	0.105	0.00400	"	0.100		105	40-140			20	
Dieldrin	0.107	0.00200	"	0.100		107	40-140			20	
Endosulfan I	0.106	0.00400	"	0.100		106	40-140			20	
Endosulfan II	0.105	0.00400	"	0.100		105	40-140			20	
Endosulfan sulfate	0.100	0.00400	"	0.100		100	40-140			20	
Endrin	0.109	0.00400	"	0.100		109	40-140			20	
Endrin aldehyde	0.120	0.0100	"	0.100		120	40-140			20	
Endrin ketone	0.110	0.0100	"	0.100		110	40-140			20	
gamma-BHC (Lindane)	0.0918	0.00400	"	0.100		91.8	40-140			20	
gamma-Chlordane	0.0950	0.0100	"	0.100		95.0	40-140			20	
Heptachlor	0.0990	0.00400	"	0.100		99.0	40-140			20	
Heptachlor epoxide	0.107	0.00400	"	0.100		107	40-140			20	
Methoxychlor	0.118	0.00400	"	0.100		118	40-140			20	
Surrogate: Decachlorobiphenyl	*0.109*		*"*	*0.200*		*54.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.186*		*"*	*0.200*		*92.9*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30608 - EPA SW846-3510C Low Level											
LCS Dup (BA30608-BSD1)									Prepared: 01/13/2023 Analyzed: 01/16/2023		
4,4'-DDD	0.0985	0.00400	ug/L	0.100		98.5	40-140		4.02	20	
4,4'-DDE	0.101	0.00400	"	0.100		101	40-140		3.79	20	
4,4'-DDT	0.109	0.00400	"	0.100		109	40-140		4.31	20	
Aldrin	0.0937	0.00400	"	0.100		93.7	40-140		5.12	20	
alpha-BHC	0.0774	0.00400	"	0.100		77.4	40-140		9.36	20	
alpha-Chlordane	0.100	0.00400	"	0.100		100	40-140		2.69	20	
beta-BHC	0.117	0.00400	"	0.100		117	40-140		7.19	20	
delta-BHC	0.110	0.00400	"	0.100		110	40-140		4.39	20	
Dieldrin	0.108	0.00200	"	0.100		108	40-140		0.997	20	
Endosulfan I	0.107	0.00400	"	0.100		107	40-140		0.901	20	
Endosulfan II	0.109	0.00400	"	0.100		109	40-140		3.55	20	
Endosulfan sulfate	0.103	0.00400	"	0.100		103	40-140		2.69	20	
Endrin	0.112	0.00400	"	0.100		112	40-140		3.24	20	
Endrin aldehyde	0.119	0.0100	"	0.100		119	40-140		0.464	20	
Endrin ketone	0.113	0.0100	"	0.100		113	40-140		2.62	20	
gamma-BHC (Lindane)	0.0987	0.00400	"	0.100		98.7	40-140		7.25	20	
gamma-Chlordane	0.0977	0.0100	"	0.100		97.7	40-140		2.81	20	
Heptachlor	0.105	0.00400	"	0.100		105	40-140		5.72	20	
Heptachlor epoxide	0.111	0.00400	"	0.100		111	40-140		3.36	20	
Methoxychlor	0.119	0.00400	"	0.100		119	40-140		0.439	20	
Surrogate: Decachlorobiphenyl	*0.152*		*"*	*0.200*		*76.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.195*		*"*	*0.200*		*97.7*	*30-150*				
Batch BA30674 - EPA 3550C											
Blank (BA30674-BLK1)									Prepared: 01/15/2023 Analyzed: 01/18/2023		
4,4'-DDD	ND	0.00165	mg/kg wet								
4,4'-DDE	ND	0.00165	"								
4,4'-DDT	ND	0.00165	"								
Aldrin	ND	0.00165	"								
alpha-BHC	ND	0.00165	"								
alpha-Chlordane	ND	0.00165	"								
beta-BHC	ND	0.00165	"								
delta-BHC	ND	0.00165	"								
Dieldrin	ND	0.00165	"								
Endosulfan I	ND	0.00165	"								
Endosulfan II	ND	0.00165	"								
Endosulfan sulfate	ND	0.00165	"								
Endrin	ND	0.00165	"								
Endrin aldehyde	ND	0.00165	"								
Endrin ketone	ND	0.00165	"								
gamma-BHC (Lindane)	ND	0.00165	"								
gamma-Chlordane	ND	0.00165	"								
Heptachlor	ND	0.00165	"								
Heptachlor epoxide	ND	0.00165	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.165	"								
Chlordane, total	ND	0.0330	"								
Surrogate: Decachlorobiphenyl	*0.0559*		*"*	*0.0667*		*83.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0546*		*"*	*0.0667*		*81.9*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30674 - EPA 3550C											
LCS (BA30674-BS1)									Prepared: 01/15/2023 Analyzed: 01/18/2023		
4,4'-DDD	0.0321	0.00165	mg/kg wet	0.0333		96.2	40-140				
4,4'-DDE	0.0298	0.00165	"	0.0333		89.3	40-140				
4,4'-DDT	0.0221	0.00165	"	0.0333		66.4	40-140				
Aldrin	0.0279	0.00165	"	0.0333		83.6	40-140				
alpha-BHC	0.0252	0.00165	"	0.0333		75.6	40-140				
alpha-Chlordane	0.0292	0.00165	"	0.0333		87.6	40-140				
beta-BHC	0.0329	0.00165	"	0.0333		98.8	40-140				
delta-BHC	0.0268	0.00165	"	0.0333		80.5	40-140				
Dieldrin	0.0316	0.00165	"	0.0333		94.9	40-140				
Endosulfan I	0.0325	0.00165	"	0.0333		97.6	40-140				
Endosulfan II	0.0319	0.00165	"	0.0333		95.6	40-140				
Endosulfan sulfate	0.0307	0.00165	"	0.0333		92.0	40-140				
Endrin	0.0276	0.00165	"	0.0333		82.9	40-140				
Endrin aldehyde	0.0306	0.00165	"	0.0333		91.7	40-140				
Endrin ketone	0.0317	0.00165	"	0.0333		95.0	40-140				
gamma-BHC (Lindane)	0.0295	0.00165	"	0.0333		88.4	40-140				
gamma-Chlordane	0.0313	0.00165	"	0.0333		93.9	40-140				
Heptachlor	0.0274	0.00165	"	0.0333		82.3	40-140				
Heptachlor epoxide	0.0319	0.00165	"	0.0333		95.6	40-140				
Methoxychlor	0.0222	0.00165	"	0.0333		66.6	40-140				
Surrogate: Decachlorobiphenyl	*0.0637*		*"*	*0.0667*		*95.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0609*		*"*	*0.0667*		*91.4*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30608 - EPA SW846-3510C Low Level											
Blank (BA30608-BLK2)								Prepared & Analyzed: 01/13/2023			
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	*0.206*		"	*0.200*		*103*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.146*		"	*0.200*		*73.0*	*30-150*				
LCS (BA30608-BS2)								Prepared & Analyzed: 01/13/2023			
Aroclor 1016	0.715	0.0500	ug/L	1.00		71.5	40-120			20	
Aroclor 1260	0.735	0.0500	"	1.00		73.5	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.191*		"	*0.200*		*95.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.149*		"	*0.200*		*74.5*	*30-150*				
LCS Dup (BA30608-BSD2)								Prepared & Analyzed: 01/13/2023			
Aroclor 1016	0.831	0.0500	ug/L	1.00		83.1	40-120		15.0	20	
Aroclor 1260	0.864	0.0500	"	1.00		86.4	40-120		16.2	20	
Surrogate: Tetrachloro-m-xylene	*0.214*		"	*0.200*		*107*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.160*		"	*0.200*		*80.0*	*30-150*				
Batch BA30674 - EPA 3550C											
Blank (BA30674-BLK2)								Prepared: 01/15/2023 Analyzed: 01/18/2023			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0580*		"	*0.0667*		*87.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0463*		"	*0.0667*		*69.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30674 - EPA 3550C											
LCS (BA30674-BS2)								Prepared: 01/15/2023 Analyzed: 01/18/2023			
Aroclor 1016	0.285	0.0167	mg/kg wet	0.333		85.4	40-130				
Aroclor 1260	0.289	0.0167	"	0.333		86.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0590*		"	*0.0667*		*88.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0483*		"	*0.0667*		*72.5*	*30-120*				
Matrix Spike (BA30674-MS2)	*Source sample: 23A0639-02 (Matrix Spike)							Prepared: 01/15/2023 Analyzed: 01/19/2023			
Aroclor 1016	0.120	0.0177	mg/kg dry	0.353	ND	34.0	40-140	Low Bias			
Aroclor 1260	0.193	0.0177	"	0.353	ND	54.7	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0555*		"	*0.0707*		*78.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0417*		"	*0.0707*		*59.0*	*30-120*				
Matrix Spike Dup (BA30674-MSD2)	*Source sample: 23A0639-02 (Matrix Spike Dup)							Prepared: 01/15/2023 Analyzed: 01/19/2023			
Aroclor 1016	0.126	0.0180	mg/kg dry	0.361	ND	34.9	40-140	Low Bias	4.41	50	
Aroclor 1260	0.192	0.0180	"	0.361	ND	53.4	40-140		0.506	50	
Surrogate: Tetrachloro-m-xylene	*0.0573*		"	*0.0721*		*79.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0422*		"	*0.0721*		*58.5*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30695 - EPA 3015A											
Blank (BA30695-BLK1)											Prepared: 01/16/2023 Analyzed: 01/17/2023
Aluminum	ND	0.056	mg/L								
Antimony	ND	0.028	"								
Arsenic	ND	0.017	"								
Barium	ND	0.028	"								
Beryllium	ND	0.0006	"								
Cadmium	ND	0.003	"								
Calcium	0.064	0.056	"								
Chromium	ND	0.006	"								
Cobalt	ND	0.004	"								
Copper	ND	0.022	"								
Iron	ND	0.278	"								
Lead	ND	0.006	"								
Magnesium	ND	0.056	"								
Manganese	ND	0.006	"								
Nickel	ND	0.011	"								
Potassium	ND	0.056	"								
Selenium	ND	0.028	"								
Silver	ND	0.006	"								
Sodium	ND	0.556	"								
Thallium	ND	0.028	"								
Vanadium	ND	0.011	"								
Zinc	ND	0.028	"								
LCS (BA30695-BS1)											Prepared: 01/16/2023 Analyzed: 01/17/2023
Aluminum	1.57		ug/mL	2.00		78.4	80-120	Low Bias			
Antimony	0.228		"	0.250		91.1	80-120				
Arsenic	1.71		"	2.00		85.4	80-120				
Barium	1.93		"	2.00		96.3	80-120				
Beryllium	0.044		"	0.0500		88.2	80-120				
Cadmium	0.045		"	0.0500		89.1	80-120				
Calcium	0.972		"	1.00		97.2	80-120				
Chromium	0.179		"	0.200		89.6	80-120				
Cobalt	0.468		"	0.500		93.6	80-120				
Copper	0.243		"	0.250		97.4	80-120				
Iron	0.946		"	1.00		94.6	80-120				
Lead	0.448		"	0.500		89.6	80-120				
Magnesium	0.904		"	1.00		90.4	80-120				
Manganese	0.473		"	0.500		94.7	80-120				
Nickel	0.461		"	0.500		92.3	80-120				
Potassium	0.907		"	1.00		90.7	80-120				
Selenium	1.36		"	2.00		67.9	80-120	Low Bias			
Silver	0.046		"	0.0500		92.4	80-120				
Sodium	1.00		"	1.00		100	80-120				
Thallium	1.72		"	2.00		85.8	80-120				
Vanadium	0.456		"	0.500		91.3	80-120				
Zinc	0.451		"	0.500		90.2	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30695 - EPA 3015A											
Duplicate (BA30695-DUP1)	*Source sample: 23A0708-05 (Duplicate)								Prepared: 01/16/2023 Analyzed: 01/17/2023		
Aluminum	0.082	0.056	mg/L		0.095				14.6	20	
Antimony	ND	0.028	"		ND					20	
Arsenic	ND	0.017	"		ND					20	
Barium	0.131	0.028	"		0.132				1.27	20	
Beryllium	ND	0.0006	"		ND					20	
Cadmium	ND	0.003	"		ND					20	
Calcium	84.4	0.056	"		84.5				0.111	20	
Chromium	ND	0.006	"		ND					20	
Cobalt	ND	0.004	"		ND					20	
Copper	ND	0.022	"		ND					20	
Iron	0.308	0.278	"		0.311				1.14	20	
Lead	ND	0.006	"		ND					20	
Magnesium	18.1	0.056	"		18.4				1.97	20	
Manganese	0.133	0.006	"		0.135				1.54	20	
Nickel	ND	0.011	"		ND					20	
Potassium	9.19	0.056	"		9.28				1.01	20	
Selenium	0.060	0.028	"		0.071				17.6	20	
Silver	ND	0.006	"		ND					20	
Sodium	474	0.556	"		474				0.0495	20	
Thallium	ND	0.028	"		ND					20	
Vanadium	ND	0.011	"		ND					20	
Zinc	0.088	0.028	"		0.087				0.469	20	
Matrix Spike (BA30695-MS1)	*Source sample: 23A0708-05 (Matrix Spike)								Prepared: 01/16/2023 Analyzed: 01/17/2023		
Antimony	0.264	0.028	mg/L	0.278	ND	95.0	75-125				
Arsenic	2.10	0.017	"	2.22	ND	94.4	75-125				
Barium	2.26	0.028	"	2.22	0.132	95.9	75-125				
Beryllium	0.050	0.0006	"	0.0556	ND	90.4	75-125				
Cadmium	0.050	0.003	"	0.0556	ND	90.7	75-125				
Chromium	0.202	0.006	"	0.222	ND	90.8	75-125				
Cobalt	0.520	0.004	"	0.556	ND	93.7	75-125				
Copper	0.289	0.022	"	0.278	ND	104	75-125				
Iron	1.29	0.278	"	1.11	0.311	88.4	75-125				
Lead	0.484	0.006	"	0.556	ND	87.1	75-125				
Manganese	0.654	0.006	"	0.556	0.135	93.5	75-125				
Nickel	0.532	0.011	"	0.556	ND	95.8	75-125				
Selenium	1.65	0.028	"	2.22	0.071	71.1	75-125	Low Bias			
Silver	0.049	0.006	"	0.0556	ND	88.3	75-125				
Thallium	1.82	0.028	"	2.22	ND	81.9	75-125				
Vanadium	0.519	0.011	"	0.556	ND	93.5	75-125				
Zinc	0.610	0.028	"	0.556	0.087	94.1	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30695 - EPA 3015A											
Post Spike (BA30695-PS1)	*Source sample: 23A0708-05 (Post Spike)							Prepared: 01/16/2023 Analyzed: 01/17/2023			
Aluminum	2.01		ug/mL	2.00	0.085	96.1	75-125				
Antimony	0.237		"	0.250	-0.002	94.7	75-125				
Arsenic	2.03		"	2.00	-0.006	101	75-125				
Barium	2.16		"	2.00	0.119	102	75-125				
Beryllium	0.048		"	0.0500	-0.0005	95.3	75-125				
Cadmium	0.049		"	0.0500	0.00005	97.0	75-125				
Calcium	78.5		"	1.00	76.1	238	75-125	High Bias			
Chromium	0.193		"	0.200	0.001	95.8	75-125				
Cobalt	0.492		"	0.500	0.002	98.0	75-125				
Copper	0.276		"	0.250	0.011	106	75-125				
Iron	1.21		"	1.00	0.280	93.0	75-125				
Lead	0.467		"	0.500	-0.005	93.3	75-125				
Magnesium	17.1		"	1.00	16.6	45.4	75-125	Low Bias			
Manganese	0.617		"	0.500	0.122	99.0	75-125				
Nickel	0.503		"	0.500	0.006	99.2	75-125				
Potassium	9.56		"	1.00	8.35	121	75-125				
Selenium	1.58		"	2.00	0.064	75.8	75-125				
Silver	0.047		"	0.0500	0.003	87.7	75-125				
Sodium	443		"	1.00	427	NR	75-125	High Bias			
Thallium	1.76		"	2.00	0.003	87.9	75-125				
Vanadium	0.493		"	0.500	0.0003	98.5	75-125				
Zinc	0.573		"	0.500	0.079	98.8	75-125				
Batch BA30827 - EPA 3050B											
Blank (BA30827-BLK1)								Prepared: 01/17/2023 Analyzed: 01/18/2023			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	5.08	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30827 - EPA 3050B											
Duplicate (BA30827-DUP1)	*Source sample: 23A0587-09 (Duplicate)								Prepared: 01/17/2023 Analyzed: 01/18/2023		
Aluminum	2210	4.80	mg/kg dry		3290				39.4	35	Non-dir.
Antimony	ND	2.40	"		ND					35	
Arsenic	36.5	1.44	"		41.7				13.3	35	
Barium	5.09	2.40	"		7.27				35.2	35	Non-dir.
Beryllium	0.146	0.048	"		0.186				24.2	35	
Cadmium	ND	0.288	"		ND					35	
Calcium	88.2	4.80	"		137				43.4	35	Non-dir.
Chromium	5.25	0.480	"		7.55				35.9	35	Non-dir.
Cobalt	0.540	0.383	"		0.730				30.0	35	
Copper	4.97	1.92	"		7.27				37.6	35	Non-dir.
Iron	3170	24.0	"		4250				29.2	35	
Lead	4.69	0.480	"		6.53				32.9	35	
Magnesium	185	4.80	"		290				44.2	35	Non-dir.
Manganese	7.60	0.480	"		10.3				29.8	35	
Nickel	2.09	0.956	"		3.26				43.8	35	Non-dir.
Potassium	132	4.80	"		184				33.2	35	
Selenium	ND	2.40	"		ND					35	
Silver	ND	0.484	"		ND					35	
Sodium	ND	48.0	"		ND					35	
Thallium	ND	2.40	"		ND					35	
Vanadium	6.49	0.956	"		8.93				31.7	35	
Zinc	12.6	2.39	"		17.7				33.8	35	
Matrix Spike (BA30827-MS1)	*Source sample: 23A0587-09 (Matrix Spike)								Prepared: 01/17/2023 Analyzed: 01/18/2023		
Aluminum	3480	4.80	mg/kg dry	192	3290	97.3	75-125				
Antimony	9.19	2.40	"	24.0	ND	38.3	75-125	Low Bias			
Arsenic	197	1.44	"	192	41.7	81.1	75-125				
Barium	159	2.40	"	192	7.27	79.0	75-125				
Beryllium	3.89	0.048	"	4.80	0.186	77.1	75-125				
Cadmium	3.69	0.288	"	4.80	ND	76.9	75-125				
Calcium	224	4.80	"	96.0	137	90.7	75-125				
Chromium	26.4	0.480	"	19.2	7.55	98.0	75-125				
Cobalt	39.8	0.383	"	48.0	0.730	81.5	75-125				
Copper	27.4	1.92	"	24.0	7.27	84.0	75-125				
Iron	5250	24.0	"	96.0	4250	NR	75-125	High Bias			
Lead	44.7	0.480	"	48.0	6.53	79.4	75-125				
Magnesium	347	4.80	"	96.0	290	58.8	75-125	Low Bias			
Manganese	47.5	0.480	"	48.0	10.3	77.7	75-125				
Nickel	41.7	0.956	"	48.0	3.26	80.0	75-125				
Potassium	276	4.80	"	96.0	184	95.6	75-125				
Selenium	106	2.40	"	192	ND	55.1	75-125	Low Bias			
Silver	2.82	0.484	"	4.80	ND	58.7	75-125	Low Bias			
Sodium	ND	48.0	"	96.0	ND		75-125	Low Bias			
Thallium	140	2.40	"	192	ND	72.8	75-125	Low Bias			
Vanadium	46.5	0.956	"	48.0	8.93	78.2	75-125				
Zinc	57.3	2.39	"	48.0	17.7	82.4	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30827 - EPA 3050B											
Post Spike (BA30827-PS1)	*Source sample: 23A0587-09 (Post Spike)							Prepared: 01/17/2023 Analyzed: 01/18/2023			
Aluminum	35.1		ug/mL	2.00	34.3	42.4	75-125	Low Bias			
Antimony	0.227		"	0.250	0.009	87.4	75-125				
Arsenic	2.17		"	2.00	0.435	86.9	75-125				
Barium	1.82		"	2.00	0.076	87.3	75-125				
Beryllium	0.044		"	0.0500	0.002	83.8	75-125				
Cadmium	0.044		"	0.0500	-0.0004	87.6	75-125				
Calcium	2.53		"	1.00	1.43	110	75-125				
Chromium	0.244		"	0.200	0.079	82.6	75-125				
Cobalt	0.464		"	0.500	0.008	91.2	75-125				
Copper	0.297		"	0.250	0.076	88.7	75-125				
Iron	44.0		"	1.00	44.3	NR	75-125	Low Bias			
Lead	0.507		"	0.500	0.068	87.9	75-125				
Magnesium	3.67		"	1.00	3.03	64.1	75-125	Low Bias			
Manganese	0.535		"	0.500	0.107	85.7	75-125				
Nickel	0.481		"	0.500	0.034	89.3	75-125				
Potassium	3.02		"	1.00	1.92	110	75-125				
Selenium	1.33		"	2.00	-0.082	66.3	75-125	Low Bias			
Silver	0.030		"	0.0500	-0.012	60.5	75-125	Low Bias			
Sodium	0.588		"	1.00	-0.440	58.8	75-125	Low Bias			
Thallium	1.68		"	2.00	-0.004	84.0	75-125				
Vanadium	0.509		"	0.500	0.093	83.2	75-125				
Zinc	0.597		"	0.500	0.185	82.5	75-125				
Reference (BA30827-SRM1)								Prepared: 01/17/2023 Analyzed: 01/18/2023			
Aluminum	6410	4.17	mg/kg wet	7970		80.4	49.7-150.6				
Antimony	62.5	2.08	"	136		46.0	20.4-249.3				
Arsenic	79.4	1.25	"	87.4		90.8	70-130.4				
Barium	302	2.08	"	347		87.0	75.2-130.3				
Beryllium	86.6	0.042	"	103		84.1	74.8-132				
Cadmium	131	0.250	"	160		82.1	75-145.6				
Calcium	4270	4.17	"	4100		104	71.7-139.3				
Chromium	193	0.417	"	231		83.4	70.1-134.2				
Cobalt	206	0.333	"	241		85.3	75.1-141.5				
Copper	130	1.67	"	144		89.9	75-126.4				
Iron	11400	20.8	"	14200		80.6	35.3-164.8				
Lead	227	0.417	"	266		85.4	74.1-125.9				
Magnesium	1910	4.17	"	2220		86.3	61.3-138.7				
Manganese	461	0.417	"	555		83.0	77.3-132.8				
Nickel	308	0.830	"	350		87.9	70-144				
Potassium	2110	4.17	"	1940		109	58.2-141.8				
Selenium	75.4	2.08	"	130		58.0	66.9-133.8	Low Bias			
Silver	45.0	0.420	"	57.1		78.8	70.2-129.8				
Sodium	77.9	41.7	"	117		66.6	30.5-170.1				
Thallium	60.0	2.08	"	75.4		79.5	64.3-135.3				
Vanadium	69.2	0.830	"	88.6		78.1	65.6-134.3				
Zinc	129	2.08	"	160		80.4	70-130				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30697 - EPA 7473 soil											
Blank (BA30697-BLK1)								Prepared & Analyzed: 01/16/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BA30697-DUP1)	*Source sample: 23A0580-01 (23SB-8 (0-1.5 Ft))							Prepared & Analyzed: 01/16/2023			
Mercury	ND	0.0314	mg/kg dry		ND					35	
Matrix Spike (BA30697-MS1)	*Source sample: 23A0580-01 (23SB-8 (0-1.5 Ft))							Prepared & Analyzed: 01/16/2023			
Mercury	0.449		mg/kg	0.500	0.0137	87.0	75-125				
Reference (BA30697-SRM1)								Prepared & Analyzed: 01/16/2023			
Mercury	35.095		mg/kg	27.2		129	59.9-140.1				
Batch BA30778 - EPA SW846-7470A											
Blank (BA30778-BLK1)								Prepared & Analyzed: 01/17/2023			
Mercury	ND	0.0002	mg/L								
LCS (BA30778-BS1)								Prepared & Analyzed: 01/17/2023			
Mercury	0.0020858	0.0002	mg/L	0.00200		104	80-120				
Duplicate (BA30778-DUP1)	*Source sample: 23A0654-01 (Duplicate)							Prepared & Analyzed: 01/17/2023			
Mercury	ND	0.0002	mg/L		ND					20	
Matrix Spike (BA30778-MS1)	*Source sample: 23A0654-01 (Matrix Spike)							Prepared & Analyzed: 01/17/2023			
Mercury	ND	0.0002	mg/L	0.00200	ND		75-125	Low Bias			

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30250 - EPA SW846-3060											
Blank (BB30250-BLK1)								Prepared & Analyzed: 02/06/2023			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BB30250-DUP1)	*Source sample: 23B0251-05 (Duplicate)							Prepared & Analyzed: 02/06/2023			
Chromium, Hexavalent	ND	0.576	mg/kg dry		ND					35	
Matrix Spike (BB30250-MS1)	*Source sample: 23B0251-05 (Matrix Spike)							Prepared & Analyzed: 02/06/2023			
Chromium, Hexavalent	ND	0.576	mg/kg dry	23.0	ND		75-125	Low Bias			
Reference (BB30250-SRM1)								Prepared & Analyzed: 02/06/2023			
Chromium, Hexavalent	256		mg/L	227		113	42.3-157.7				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30769 - % Solids Prep											
Duplicate (BA30769-DUP1)	*Source sample: 23A0594-01 (Duplicate)							Prepared & Analyzed: 01/17/2023			
% Solids	92.2	0.100	%		92.6				0.488	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23A0580-01	23SB-8 (0-1.5 Ft)	40mL Vial with Stir Bar-Cool 4° C
23A0580-02	FB011223	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A0580-03	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
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-06	Due to noted non-homogeneity of the QC sample matrix, the MS/MSD did not provide reliable results for accuracy and precision. Sample results for the QC batch were accepted based on LCS/LCSD percent recoveries and 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.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-PS	This Element exhibted recovery outside control limits for the Post Spike.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
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.
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.

Revision Description: This report has been revised to relog samples for Cr VI and Cr III.

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. 23A0580

120 Research Drive Stratford, CT 06615 - 132-02 89th Ave Queens, NY 11418 - 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Vektor Consultants	Company:	Company:		RUSH - Next Day
Address: 37 W 37th St - 6th Flr NY, NY 10018	Address:	Address:		RUSH - Two Day
Phone.: 347-871-0780	Phone.:	Phone.:	YOUR Project Name: 315 Grand Concourse Bronx, NY	RUSH - Three Day
Contact: Ezgi Kerayal	Contact:	Contact:		RUSH - Four Day
E-mail: Ezgi@Vektorconsultants.com	E-mail: DKlein@VektorConsultants.com	E-mail: AP@Vektorconsultants.com	YOUR PO#:	Standard (5-7 Day) X (7-10 for PFAS)

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.

David Klein

Samples Collected by: (print AND sign your name)

Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
S - soil / solid	New York X	Summary Report	CT RCP	EQuIS (Standard)	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report	CT RCP DQA/DUE	NYSDEC EQuIS	Part 375
DW - drinking water	Connecticut	Standard Excel EDD	NJDEP Reduced Deliverables	NJDKQP	UU + RU
WW - wastewater	Pennsylvania	NY ASP B Package		NJDEP SRP HazSite	
O - Oil / Other	Other:	Other:			

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
23SB-8	S	1/12/23 0930	TCL VOCs, TCLS VOCs, PCBs, TAL Metals, 1,4 Dioxane PFAS-1633	1-8oz, 1-4oz, 1 PFAS 1 terracore	
			"		
			"		
FB011223	FB	1/12/23 1130	"	3-Lambers, 1-500 mL Amber, 3-Vials 2-PFAS, 2 Vials 250 mL	
Trig Blank	TB	LAB	TCL VOCs	2-40 ml Vials w/ HCL	

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
Vektor	1/12/23	Andrew S. York	1/12/23 11:34	Andrew S. York	1/12/23 16:32
2. Samples Received by / Company	**Date/Time**	**3. Samples Relinquished by / Company**	**Date/Time**	**3. Samples Received by / Company**	**Date/Time**
Victor D. York	1/12/23 16:32	Victor D. York	1/12/23 2000		
3. Samples Relinquished by / Company	**Date/Time**	**4. Samples Received by / Company**	**Date/Time**	**Samples Received in LAB by**	**Date/Time** / **Temperature**
				JB 1/12/23	2000 / 4.0 Degrees C

APPENDIX H

LABORATORY ANALYTICAL REPORTS & DATA USABILITY SUMMARY REPORT FOR GROUNDWATER SAMPLES

Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 02/06/2023
Client Project ID: 315 Grand Concourse, Bronx, New York
York Project (SDG) No.: 23A1188

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: 02/06/2023
Client Project ID: 315 Grand Concourse, Bronx, New York
York Project (SDG) No.: 23A1188

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

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 January 25, 2023 and listed below. The project was identified as your project: **315 Grand Concourse, Bronx, 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
23A1188-01	MW-5	Water	01/25/2023	01/25/2023
23A1188-02	MW-7	Water	01/25/2023	01/25/2023
23A1188-03	MW-4	Water	01/25/2023	01/25/2023
23A1188-04	MW-6	Water	01/25/2023	01/25/2023
23A1188-05	FB012523	Water	01/25/2023	01/25/2023
23A1188-06	TB	Water	01/25/2023	01/25/2023

General Notes for York Project (SDG) No.: 23A1188

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:** 02/06/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A1188-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 9:25 am	01/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** PRES **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	0.216	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A1188-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 9:25 am	01/25/2023

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
67-66-3	**Chloroform**	**1.44**		ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	PD
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A1188-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 9:25 am	01/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** PRES **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/30/2023 17:32	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 17:32	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/30/2023 17:32	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 17:32	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/30/2023 17:32	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 17:32	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/30/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/30/2023 17:32	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 17:32	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 17:32	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/30/2023 17:32	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	01/30/2023 17:32	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 17:32	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 17:32	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 17:32	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 17:32	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/30/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/30/2023 17:32	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 17:32	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 17:32	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 17:32	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 17:32	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 17:32	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 17:32	PD

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A1188-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 9:25 am	01/25/2023

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 17:32	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 17:32	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/30/2023 17:32	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.9 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes: PRES **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	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A1188-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 9:25 am	01/25/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** PRES **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
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.56	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A1188-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 9:25 am	01/25/2023

SVOA, 8270 LOW MASTER

Log-in Notes: PRES **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
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.56	11.1	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH
2312-35-8	* Propargite	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47	01/27/2023 12:31	KH
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:31	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*33.8 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*23.3 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.6 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*91.9 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.6 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: PRES **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	0.0556	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:32	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:32	KH
120-12-7	Anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:32	KH
1912-24-9	Atrazine	ND		ug/L	0.556	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 12:32	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:32	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:32	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:32	KH

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A1188-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 9:25 am	01/25/2023

SVOA, 8270 SIM MASTER

Log-in Notes: PRES **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
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 12:32	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 12:32	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.844**		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 12:32	KH
218-01-9	Chrysene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 12:32	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 12:32	KH
206-44-0	Fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 12:32	KH
86-73-7	**Fluorene**	**0.289**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 12:32	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 12:32	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 12:32	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 12:32	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 12:32	KH
91-20-3	Naphthalene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 12:32	KH
98-95-3	Nitrobenzene	ND		ug/L	0.278	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 12:32	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 12:32	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 12:32	KH
85-01-8	Phenanthrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 12:32	KH
129-00-0	**Pyrene**	**0.0556**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 12:32	KH

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

Log-in Notes: PRES **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	01/26/2023 09:09	01/27/2023 10:59	RB

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*93.9 %*	*36.6-118*

Sample Information

Client Sample ID: **MW-5** **York Sample ID:** **23A1188-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 9:25 am	01/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** PRES **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

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)**	**13.8**		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**42.6**		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**40.0**		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**5.18**		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**49.8**		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**82.5**		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
375-95-1	*** Perfluorononanoic acid (PFNA)**	**14.0**		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
335-76-2	*** Perfluorodecanoic acid (PFDA)**	**4.30**		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**48.2**		ng/L	7.45	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	14.9	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	14.9	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**21.8**		ng/L	14.9	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	7.45	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A1188-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 9:25 am	01/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** PRES **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	7.45	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	7.45	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	7.45	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	14.9	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	14.9	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	14.9	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	14.9	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
919005-14-4	* ADONA	ND		ng/L	14.9	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	9.31	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	46.5	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	46.5	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	37.2	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	3.72	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	37.2	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ
4151-50-2	* **N-EtFOSA**	**1.49**	B	ng/L	0.372	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:04	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*98.6 %*	*25-150*
Surrogate: M5PFHxA	*109 %*	*25-150*
Surrogate: M4PFHpA	*104 %*	*25-150*
Surrogate: M3PFHxS	*119 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*95.7 %*	*25-150*
Surrogate: M6PFDA	*105 %*	*25-150*
Surrogate: M7PFUdA	*85.0 %*	*25-150*

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A1188-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 9:25 am	01/25/2023

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*75.5 %*		*25-150*						
	Surrogate: M2PFTeDA	*53.9 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*67.8 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*120 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*124 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*12.0 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*102 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*107 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*156 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*120 %*		*25-200*						
	Surrogate: M9PFNA	*86.4 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*206 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*23.0 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*32.2 %*		*25-150*						
	Surrogate: M3HFPO-DA	*90.1 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*19.3 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*12.4 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes: PRES **Sample Notes:** HT-01

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	0.0100	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.0100	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.0100	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ
309-00-2	Aldrin	ND		ug/L	0.0100	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ
319-84-6	alpha-BHC	ND		ug/L	0.0100	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ
319-85-7	beta-BHC	ND		ug/L	0.0100	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ
319-86-8	delta-BHC	ND		ug/L	0.0100	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A1188-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 9:25 am	01/25/2023

PEST, 8081 MASTER

Log-in Notes: PRES **Sample Notes:** HT-01

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
60-57-1	Dieldrin	ND		ug/L	0.00500	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ
959-98-8	Endosulfan I	ND		ug/L	0.0100	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.0100	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.0100	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ
72-20-8	Endrin	ND		ug/L	0.0100	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0250	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0250	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0100	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0250	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ
76-44-8	Heptachlor	ND		ug/L	0.0100	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0100	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ
72-43-5	Methoxychlor	ND		ug/L	0.0100	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ
8001-35-2	Toxaphene	ND		ug/L	0.250	1	EPA 8081B Certifications:	02/02/2023 16:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:03	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.500	1	EPA 8081B Certifications:	02/02/2023 16:59	02/03/2023 22:03	BJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0250	1	EPA 8081B Certifications:	02/02/2023 16:59	02/03/2023 22:03	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: PRES **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	0.0833	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 21:53	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0833	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 21:53	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0833	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 21:53	BJ

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A1188-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 9:25 am	01/25/2023

PCB, 8082 MASTER

Log-in Notes: PRES **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
53469-21-9	Aroclor 1242	ND		ug/L	0.0833	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 21:53	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0833	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 21:53	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0833	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 21:53	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0833	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 21:53	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0833	1	EPA 8082A Certifications:	01/27/2023 08:02	01/31/2023 21:53	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*112 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*100 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes: PRES **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**	**0.0629**		mg/L	0.0556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:26	CW
7440-39-3	**Barium**	**0.260**		mg/L	0.0278	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:26	CW
7440-70-2	**Calcium**	**126**		mg/L	0.0556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:26	CW
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:26	CW
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:26	CW
7440-50-8	**Copper**	**0.0271**		mg/L	0.0222	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:26	CW
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:26	CW
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:26	CW
7439-95-4	**Magnesium**	**18.5**		mg/L	0.0556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:26	CW
7439-96-5	**Manganese**	**0.0441**		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:26	CW
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:26	CW
7440-09-7	**Potassium**	**13.6**		mg/L	0.0556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:26	CW
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:26	CW

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A1188-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 9:25 am	01/25/2023

Metals, Target Analyte, ICP

Log-in Notes: PRES **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
7440-23-5	**Sodium**	**924**		mg/L	0.556	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0460**		mg/L	0.0278	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:26	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes: PRES **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**	**0.0878**		mg/L	0.0556	1	EPA 6010D	01/26/2023 11:41	01/26/2023 14:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.234**		mg/L	0.0278	1	EPA 6010D	01/26/2023 11:41	01/26/2023 14:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**113**		mg/L	0.0556	1	EPA 6010D	01/26/2023 11:41	01/26/2023 14:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/26/2023 11:41	01/26/2023 14:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/26/2023 11:41	01/26/2023 14:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.0265**		mg/L	0.0222	1	EPA 6010D	01/26/2023 11:41	01/26/2023 14:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	01/26/2023 11:41	01/26/2023 14:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/26/2023 11:41	01/26/2023 14:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**17.5**		mg/L	0.0556	1	EPA 6010D	01/26/2023 11:41	01/26/2023 14:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.0393**		mg/L	0.00556	1	EPA 6010D	01/26/2023 11:41	01/26/2023 14:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	01/26/2023 11:41	01/26/2023 14:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**13.0**	B	mg/L	0.0556	1	EPA 6010D	01/26/2023 11:41	01/26/2023 14:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	01/26/2023 11:41	01/26/2023 14:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**796**		mg/L	0.556	1	EPA 6010D	01/26/2023 11:41	01/26/2023 14:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/26/2023 11:41	01/26/2023 14:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0290**		mg/L	0.0278	1	EPA 6010D	01/26/2023 11:41	01/26/2023 14:49	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A1188-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 9:25 am	01/25/2023

Metals, Target Analyte, ICPMS

Log-in Notes: PRES **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	M-CCV 1	ug/L	1.11	1	EPA 6020B	01/30/2023 10:14	02/01/2023 18:37	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/30/2023 10:14	02/01/2023 18:37	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/30/2023 10:14	02/01/2023 18:37	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	01/30/2023 10:14	02/01/2023 18:37	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/30/2023 10:14	02/01/2023 18:37	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/30/2023 10:14	02/01/2023 18:37	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: PRES **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**	**1.91**	M-CCV 1	ug/L	1.11	1	EPA 6020B	02/02/2023 08:21	02/03/2023 14:26	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.21**		ug/L	1.11	1	EPA 6020B	02/02/2023 08:21	02/03/2023 14:26	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	02/02/2023 08:21	02/03/2023 14:26	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	02/02/2023 08:21	02/03/2023 14:26	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**2.17**		ug/L	1.11	1	EPA 6020B	02/02/2023 08:21	02/03/2023 14:26	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	02/02/2023 08:21	02/03/2023 14:26	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes: PRES **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	01/31/2023 19:27	01/31/2023 19:27	AD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury, Dissolved

Log-in Notes: PRES **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	02/01/2023 18:42	02/01/2023 18:42	AD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-5 **York Sample ID:** 23A1188-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 9:25 am	01/25/2023

Chromium, Hexavalent

Log-in Notes: PRES **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
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/25/2023 19:58	01/25/2023 20:40	NJO

Chromium, Trivalent

Log-in Notes: PRES **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
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation Certifications:	02/02/2023 08:46	02/02/2023 08:47	VR

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A1188-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:25 am	01/25/2023

VOA, 8260 LOW MASTER

Log-in Notes: PRES **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	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 09:00	01/30/2023 14:13	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 09:00	01/30/2023 14:13	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 09:00	01/30/2023 14:13	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 09:00	01/30/2023 14:13	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 09:00	01/30/2023 14:13	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 09:00	01/30/2023 14:13	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 09:00	01/30/2023 14:13	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/30/2023 09:00	01/30/2023 14:13	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/30/2023 09:00	01/30/2023 14:13	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/30/2023 09:00	01/30/2023 14:13	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 09:00	01/30/2023 14:13	PD

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A1188-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:25 am	01/25/2023

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	**Benzene**	**0.400**	J	ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A1188-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:25 am	01/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** PRES **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
91-20-3	**Naphthalene**	**0.380**	J	ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A1188-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:25 am	01/25/2023

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes: PRES **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:	01/26/2023 10:47	01/27/2023 11:20 NELAC-NY10854,NJDEP,PADEP	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47	01/27/2023 11:20 NELAC-NY10854,NJDEP,PADEP	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47	01/27/2023 11:20 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A1188-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:25 am	01/25/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** PRES **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
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.26	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A1188-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:25 am	01/25/2023

SVOA, 8270 LOW MASTER

Log-in Notes: PRES **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
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.05	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.26	10.5	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH
2312-35-8	* Propargite	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47	01/27/2023 11:20	KH
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:20	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*34.8 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*22.1 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*81.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.1 %*	*39.9-105*

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A1188-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:25 am	01/25/2023

SVOA, 8270 LOW MASTER

Log-in Notes: PRES **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
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*88.2 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.1 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

Log-in Notes: PRES **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-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 16:18	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 16:18	KH
120-12-7	Anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 16:18	KH
1912-24-9	Atrazine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 16:18	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 16:18	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 16:18	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 16:18	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 16:18	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 16:18	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.07**		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 16:18	KH
218-01-9	Chrysene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 16:18	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 16:18	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 16:18	KH
86-73-7	Fluorene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 16:18	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 16:18	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 16:18	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 16:18	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 16:18	KH
91-20-3	**Naphthalene**	**0.0737**		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 16:18	KH

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A1188-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:25 am	01/25/2023

SVOA, 8270 SIM MASTER

Log-in Notes: PRES **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
98-95-3	Nitrobenzene	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 16:18	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 16:18	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 16:18	KH
85-01-8	**Phenanthrene**	**0.0632**		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 16:18	KH
129-00-0	Pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 16:18	KH

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

Log-in Notes: PRES **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	01/26/2023 09:09	01/27/2023 11:16	RB

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*84.3 %*	*36.6-118*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

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)**	**7.02**		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**14.6**		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**11.6**		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**3.87**		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**16.7**		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**64.0**		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A1188-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:25 am	01/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** PRES **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**14.3**		ng/L	7.36	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	14.7	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	14.7	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	14.7	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	7.36	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	7.36	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	7.36	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	7.36	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	14.7	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	14.7	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	14.7	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	14.7	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
919005-14-4	* ADONA	ND		ng/L	14.7	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A1188-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:25 am	01/25/2023

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	9.20	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	46.0	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	46.0	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	36.8	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	3.68	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	36.8	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	0.368	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:36	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*96.0 %*	*25-150*
Surrogate: M5PFHxA	*97.8 %*	*25-150*
Surrogate: M4PFHpA	*88.7 %*	*25-150*
Surrogate: M3PFHxS	*114 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*105 %*	*25-150*
Surrogate: M6PFDA	*98.7 %*	*25-150*
Surrogate: M7PFUdA	*84.4 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*72.7 %*	*25-150*
Surrogate: M2PFTeDA	*51.5 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*7.16 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*111 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*73.7 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*115 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*89.5 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*94.6 %*	*25-150*
Surrogate: M2-6:2 FTS	*151 %*	*25-200*
Surrogate: M2-8:2 FTS	*99.6 %*	*25-200*
Surrogate: M9PFNA	*101 %*	*25-150*
Surrogate: M2-4:2 FTS	*176 %*	*25-150*

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A1188-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:25 am	01/25/2023

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d-N-MeFOSA	*61.3 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*60.0 %*		*25-150*						
	Surrogate: M3HFPO-DA	*72.4 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*66.0 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*50.3 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes: PRES **Sample Notes:** HT-01

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:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ
309-00-2	Aldrin	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ
319-84-6	alpha-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ
319-85-7	beta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ
319-86-8	delta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ
60-57-1	Dieldrin	ND		ug/L	0.00216	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ
72-20-8	Endrin	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0108	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A1188-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:25 am	01/25/2023

PEST, 8081 MASTER

Log-in Notes: PRES **Sample Notes:** HT-01

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
76-44-8	Heptachlor	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ
72-43-5	Methoxychlor	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ
8001-35-2	Toxaphene	ND		ug/L	0.108	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:21	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.216	1	EPA 8081B Certifications:	02/02/2023 17:00	02/03/2023 22:21	BJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0108	1	EPA 8081B Certifications:	02/02/2023 17:00	02/03/2023 22:21	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*104 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: PRES **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:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:04	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:04	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:04	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:04	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:04	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:04	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:04	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A Certifications:	01/26/2023 08:39	01/27/2023 22:04	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.0 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes: PRES **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-7 **York Sample ID:** 23A1188-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:25 am	01/25/2023

7429-90-5	**Aluminum**	**0.165**	mg/L	0.0556	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:41	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.143**	mg/L	0.0278	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:41	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**108**	mg/L	0.0556	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:41	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND	mg/L	0.00556	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:41	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND	mg/L	0.00444	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:41	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND	mg/L	0.0222	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:41	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.716**	mg/L	0.278	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:41	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND	mg/L	0.00556	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:41	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**10.3**	mg/L	0.0556	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:41	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.480**	mg/L	0.00556	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:41	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND	mg/L	0.0111	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:41	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**9.21**	mg/L	0.0556	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:41	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND	mg/L	0.00556	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:41	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**563**	mg/L	0.556	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:41	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND	mg/L	0.0111	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:41	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND	mg/L	0.0278	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:41	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes: PRES **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	ND		mg/L	0.0556	1	EPA 6010D	01/26/2023 11:41	01/26/2023 15:02	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.139**		mg/L	0.0278	1	EPA 6010D	01/26/2023 11:41	01/26/2023 15:02	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**111**		mg/L	0.0556	1	EPA 6010D	01/26/2023 11:41	01/26/2023 15:02	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/26/2023 11:41	01/26/2023 15:02	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/26/2023 11:41	01/26/2023 15:02	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/26/2023 11:41	01/26/2023 15:02	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A1188-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:25 am	01/25/2023

Metals, Target Analyte, ICP Dissolved

Log-in Notes: PRES **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
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:02	CW
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:02	CW
7439-95-4	**Magnesium**	**10.7**		mg/L	0.0556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:02	CW
7439-96-5	**Manganese**	**0.476**		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:02	CW
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:02	CW
7440-09-7	**Potassium**	**9.38**	B	mg/L	0.0556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:02	CW
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:02	CW
7440-23-5	**Sodium**	**556**		mg/L	0.556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:02	CW
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:02	CW
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:02	CW

Metals, Target Analyte, ICPMS

Log-in Notes: PRES **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	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 18:51	AJL
7440-38-2	**Arsenic**	**3.51**		ug/L	1.11	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 18:51	AJL
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 18:51	AJL
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 18:51	AJL
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 18:51	AJL
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 18:51	AJL

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: PRES **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	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications:	02/02/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:40	AJL

Sample Information

Client Sample ID: MW-7 **York Sample ID:** 23A1188-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:25 am	01/25/2023

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: PRES **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
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications:	02/02/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:40	AJL
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications:	02/02/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:40	AJL
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications:	02/02/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:40	AJL
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications:	02/02/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:40	AJL
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications:	02/02/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:40	AJL

Mercury by 7470/7471

Log-in Notes: PRES **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:	01/31/2023 19:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/31/2023 19:27	AD

Mercury, Dissolved

Log-in Notes: PRES **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:	02/01/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 18:42	AD

Chromium, Hexavalent

Log-in Notes: PRES **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
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A Certifications:	01/25/2023 19:58 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/25/2023 20:40	NJO

Chromium, Trivalent

Log-in Notes: PRES **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
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation Certifications:	02/02/2023 08:46	02/02/2023 08:47	VR

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **23A1188-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 12:50 pm	01/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** PRES **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	2.16	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.66	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.56	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.86	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.49	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	2.72	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	3.27	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.22	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.73	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.38	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**265**		ug/L	3.10	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	4.32	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/L	2.15	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/L	3.77	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/L	3.27	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	**1,3,5-Trimethylbenzene**	**6.40**		ug/L	3.47	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.83	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		ug/L	2.60	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.11	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		ug/L	353	800	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	4.21	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		ug/L	3.20	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A1188-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 12:50 pm	01/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** PRES **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	3.65	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	13.4	20.0	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	4.47	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	4.22	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	**Benzene**	**13.7**		ug/L	2.79	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
74-97-5	Bromochloromethane	ND		ug/L	3.54	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	2.45	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	1.63	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	1.19	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	3.62	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	2.04	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	2.84	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	4.48	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	2.43	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	3.72	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.94	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.62	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/L	4.91	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	1.46	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	2.03	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	4.51	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	**Ethyl Benzene**	**41.1**		ug/L	2.90	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
87-68-3	Hexachlorobutadiene	ND		ug/L	2.41	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 14:40	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A1188-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 12:50 pm	01/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** PRES **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	**Isopropylbenzene**	**29.8**		ug/L	4.05	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
79-20-9	Methyl acetate	ND		ug/L	4.42	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**4.60**	J	ug/L	2.44	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-87-2	**Methylcyclohexane**	**32.5**		ug/L	4.77	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	3.97	20.0	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
91-20-3	**Naphthalene**	**13.2**	J	ug/L	2.12	20.0	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**6.70**		ug/L	3.99	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
103-65-1	**n-Propylbenzene**	**79.9**		ug/L	3.84	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
95-47-6	**o-Xylene**	**67.6**		ug/L	2.61	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**81.2**		ug/L	5.78	10.0	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
105-05-5	*** p-Diethylbenzene**	**39.0**		ug/L	3.41	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:			
622-96-8	*** p-Ethyltoluene**	**23.1**		ug/L	2.00	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	3.77	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	**sec-Butylbenzene**	**9.10**		ug/L	4.44	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
100-42-5	Styrene	ND		ug/L	2.55	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	6.08	10.0	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	3.67	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	Tetrachloroethylene	ND		ug/L	2.39	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	**Toluene**	**91.9**		ug/L	3.46	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.79	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.29	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/L	2.49	5.00	10	EPA 8260C	01/30/2023 09:00	01/30/2023 14:40	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **23A1188-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 12:50 pm	01/25/2023

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	3.37	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 14:40	PD
75-01-4	Vinyl Chloride	ND		ug/L	4.69	5.00	10	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 14:40	PD
1330-20-7	**Xylenes, Total**	**149**		ug/L	8.36	15.0	10	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/30/2023 14:40	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.3 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes: PRES **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	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
95-48-7	2-Methylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A1188-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 12:50 pm	01/25/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** PRES **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
88-74-4	2-Nitroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.88	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
98-86-2	Acetophenone	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
100-52-7	Benzaldehyde	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.18	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
105-60-2	Caprolactam	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
86-74-8	Carbazole	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
132-64-9	Dibenzofuran	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A1188-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 12:50 pm	01/25/2023

SVOA, 8270 LOW MASTER

Log-in Notes: PRES **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
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.88	11.8	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
78-59-1	Isophorone	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
108-95-2	Phenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH
2312-35-8	* Propargite	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47	01/27/2023 11:50	KH
110-86-1	Pyridine	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 11:50	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*33.9 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*23.1 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.0 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.3 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.0 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: PRES **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**	**0.282**		ug/L	0.0588	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 13:37	KH
208-96-8	**Acenaphthylene**	**0.0941**		ug/L	0.0588	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 13:37	KH
120-12-7	**Anthracene**	**0.0824**		ug/L	0.0588	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 13:37	KH
1912-24-9	Atrazine	ND		ug/L	0.588	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 13:37	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 13:37	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 13:37	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 13:37	KH

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A1188-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 12:50 pm	01/25/2023

SVOA, 8270 SIM MASTER

Log-in Notes: PRES **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
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 13:37	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 13:37	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.600**		ug/L	0.588	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 13:37	KH
218-01-9	Chrysene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 13:37	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 13:37	KH
206-44-0	Fluoranthene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 13:37	KH
86-73-7	**Fluorene**	**0.247**		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 13:37	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0235	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 13:37	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.588	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 13:37	KH
67-72-1	Hexachloroethane	ND		ug/L	0.588	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 13:37	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 13:37	KH
91-20-3	**Naphthalene**	**4.71**		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 13:37	KH
98-95-3	Nitrobenzene	ND		ug/L	0.294	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 13:37	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.588	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 13:37	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.294	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 13:37	KH
85-01-8	**Phenanthrene**	**0.106**		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 13:37	KH
129-00-0	Pyrene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 13:37	KH

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

Log-in Notes: PRES **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	01/26/2023 09:09	01/27/2023 11:34	RB

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*44.2 %*	*36.6-118*

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A1188-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 12:50 pm	01/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** PRES **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

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)**	**15.2**		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**65.3**		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**56.0**		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**9.12**		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**51.1**		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**112**		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
375-95-1	*** Perfluorononanoic acid (PFNA)**	**14.8**		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
335-76-2	*** Perfluorodecanoic acid (PFDA)**	**5.82**		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
2991-50-6	*** N-EtFOSAA**	**13.8**		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**77.1**		ng/L	7.52	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	15.0	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	15.0	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	15.0	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	7.52	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A1188-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 12:50 pm	01/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** PRES **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	7.52	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	7.52	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	7.52	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	15.0	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	15.0	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	15.0	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	15.0	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
919005-14-4	* ADONA	ND		ng/L	15.0	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
356-02-5	*** 3-Perfluoropropyl propanoic acid (FPrPA)**	**272**		ng/L	9.39	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	47.0	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	47.0	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	37.6	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	3.76	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	37.6	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ
4151-50-2	*** N-EtFOSA**	**1.82**	B	ng/L	0.376	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 05:52	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*74.9 %*	*25-150*
Surrogate: M5PFHxA	*61.8 %*	*25-150*
Surrogate: M4PFHpA	*69.7 %*	*25-150*
Surrogate: M3PFHxS	*107 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*87.4 %*	*25-150*
Surrogate: M6PFDA	*113 %*	*25-150*

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A1188-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 12:50 pm	01/25/2023

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M7PFUdA	*79.0 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*66.0 %*			*25-150*					
	Surrogate: M2PFTeDA	*80.1 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*6.76 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*139 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*45.7 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*7.75 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*94.5 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*106 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*179 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*157 %*			*25-200*					
	Surrogate: M9PFNA	*86.8 %*			*25-150*					
	Surrogate: M2-4:2 FTS	*152 %*			*25-150*					
	Surrogate: d-N-MeFOSA	*17.2 %*			*25-150*					
	Surrogate: d-N-EtFOSA	*29.5 %*			*25-150*					
	Surrogate: M3HFPO-DA	*39.3 %*			*25-150*					
	Surrogate: d9-N-EtFOSE	*25.7 %*			*25-150*					
	Surrogate: d7-N-MeFOSE	*17.8 %*			*25-150*					

PEST, 8081 MASTER

Log-in Notes: PRES **Sample Notes:** HT-01

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:	02/02/2023 17:00	02/03/2023 22:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	02/02/2023 17:00	02/03/2023 22:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	02/02/2023 17:00	02/03/2023 22:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	02/02/2023 17:00	02/03/2023 22:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	02/02/2023 17:00	02/03/2023 22:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	02/02/2023 17:00	02/03/2023 22:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	02/02/2023 17:00	02/03/2023 22:39 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A1188-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 12:50 pm	01/25/2023

PEST, 8081 MASTER

Log-in Notes: PRES **Sample Notes:** HT-01

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
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:39	BJ
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:39	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:39	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:39	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:39	BJ
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:39	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:39	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:39	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:39	BJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:39	BJ
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:39	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:39	BJ
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:39	BJ
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:39	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	02/02/2023 17:00	02/03/2023 22:39	BJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B Certifications:	02/02/2023 17:00	02/03/2023 22:39	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*102 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: PRES **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:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:18	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:18	BJ

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A1188-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 12:50 pm	01/25/2023

PCB, 8082 MASTER

Log-in Notes: PRES **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
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:18	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:18	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:18	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:18	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:18	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/26/2023 08:39	01/27/2023 22:18	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.5 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes: PRES **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**	**0.0920**		mg/L	0.0556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:44	CW
7440-39-3	**Barium**	**0.162**		mg/L	0.0278	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:44	CW
7440-70-2	**Calcium**	**66.8**		mg/L	0.0556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:44	CW
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:44	CW
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:44	CW
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:44	CW
7439-89-6	**Iron**	**0.871**		mg/L	0.278	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:44	CW
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:44	CW
7439-95-4	**Magnesium**	**7.06**		mg/L	0.0556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:44	CW
7439-96-5	**Manganese**	**0.117**		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:44	CW
7440-02-0	**Nickel**	**0.0278**		mg/L	0.0111	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:44	CW
7440-09-7	**Potassium**	**12.6**		mg/L	0.0556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:44	CW

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A1188-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 12:50 pm	01/25/2023

Metals, Target Analyte, ICP

Log-in Notes: PRES **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
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:44	CW
7440-23-5	**Sodium**	**191**		mg/L	0.556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:44	CW
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:44	CW
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:44	CW

Metals, Target Analyte, ICP Dissolved

Log-in Notes: PRES **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	ND		mg/L	0.0556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:05	CW
7440-39-3	**Barium**	**0.156**		mg/L	0.0278	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:05	CW
7440-70-2	**Calcium**	**66.5**		mg/L	0.0556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:05	CW
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:05	CW
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:05	CW
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:05	CW
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:05	CW
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:05	CW
7439-95-4	**Magnesium**	**7.45**		mg/L	0.0556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:05	CW
7439-96-5	**Manganese**	**0.110**		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:05	CW
7440-02-0	**Nickel**	**0.0275**		mg/L	0.0111	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:05	CW
7440-09-7	**Potassium**	**12.9**	B	mg/L	0.0556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:05	CW
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:05	CW
7440-23-5	**Sodium**	**192**		mg/L	0.556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:05	CW
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:05	CW
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:05	CW

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **23A1188-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 12:50 pm	01/25/2023

Metals, Target Analyte, ICPMS

Log-in Notes: PRES **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**	**2.71**	M-CCV 1	ug/L	1.11	1	EPA 6020B	01/30/2023 10:14	02/01/2023 18:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.61**		ug/L	1.11	1	EPA 6020B	01/30/2023 10:14	02/01/2023 18:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/30/2023 10:14	02/01/2023 18:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	01/30/2023 10:14	02/01/2023 18:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/30/2023 10:14	02/01/2023 18:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/30/2023 10:14	02/01/2023 18:54	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: PRES **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	M-CCV 1	ug/L	1.11	1	EPA 6020B	02/02/2023 08:21	02/03/2023 14:43	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	02/02/2023 08:21	02/03/2023 14:43	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	02/02/2023 08:21	02/03/2023 14:43	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	02/02/2023 08:21	02/03/2023 14:43	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**3.85**		ug/L	1.11	1	EPA 6020B	02/02/2023 08:21	02/03/2023 14:43	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	02/02/2023 08:21	02/03/2023 14:43	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes: PRES **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	01/31/2023 19:27	01/31/2023 19:27	AD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury, Dissolved

Log-in Notes: PRES **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	02/01/2023 18:42	02/01/2023 18:42	AD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 23A1188-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 12:50 pm	01/25/2023

Chromium, Hexavalent **Log-in Notes:** PRES **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
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A Certifications:	01/25/2023 19:58 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/25/2023 20:40	NJO

Chromium, Trivalent **Log-in Notes:** PRES **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
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation Certifications:	02/02/2023 08:46	02/02/2023 08:47	VR

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A1188-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 1:30 pm	01/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** PRES **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	0.216	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 15:07	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 15:07	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 15:07	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 15:07	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 15:07	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 15:07	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 15:07	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/30/2023 15:07	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/30/2023 15:07	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	01/30/2023 15:07	PD
95-63-6	**1,2,4-Trimethylbenzene**	**3.42**		ug/L	0.310	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	01/30/2023 15:07	PD

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A1188-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 1:30 pm	01/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** PRES **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A1188-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 1:30 pm	01/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** PRES **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
67-66-3	**Chloroform**	**5.18**		ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	PD
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
110-82-7	**Cyclohexane**	**0.860**		ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	**Ethyl Benzene**	**0.360**	J	ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**26.9**		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	**Methylene chloride**	**1.34**	J	ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	PD
91-20-3	**Naphthalene**	**0.370**	J	ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
103-65-1	**n-Propylbenzene**	**0.990**		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	PD
95-47-6	**o-Xylene**	**0.620**		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	**p- & m- Xylenes**	**0.850**	J	ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	*** p-Diethylbenzene**	**0.460**	J	ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:07	PD

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A1188-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 1:30 pm	01/25/2023

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	*** p-Ethyltoluene**	**0.410**	J	ug/L	0.200	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:07	PD
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:07	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:07	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:07	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:07	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:07	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:07	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	**Toluene**	**0.530**		ug/L	0.346	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:07	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:07	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:07	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:07	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:07	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:07	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	**Xylenes, Total**	**1.47**	J	ug/L	0.836	1.50	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:07	PD
								Certifications:	CTDOH-PH-0723,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*	*99.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes: PRES **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	01/26/2023 10:47	01/27/2023 12:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	01/26/2023 10:47	01/27/2023 12:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	01/26/2023 10:47	01/27/2023 12:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A1188-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 1:30 pm	01/25/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** PRES **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
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.41	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A1188-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 1:30 pm	01/25/2023

SVOA, 8270 LOW MASTER

Log-in Notes: PRES **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
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.08	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.41	10.8	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH
2312-35-8	* Propargite	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47	01/27/2023 12:20	KH
110-86-1	Pyridine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:20	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*33.4 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*22.3 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.6 %*	*39.9-105*

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A1188-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 1:30 pm	01/25/2023

SVOA, 8270 LOW MASTER

Log-in Notes: PRES **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
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*88.6 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.2 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

Log-in Notes: PRES **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-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:09	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:09	KH
120-12-7	Anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:09	KH
1912-24-9	Atrazine	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 14:09	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:09	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:09	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:09	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:09	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:09	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.930**		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 14:09	KH
218-01-9	Chrysene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:09	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:09	KH
206-44-0	**Fluoranthene**	**0.0649**		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:09	KH
86-73-7	Fluorene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:09	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 14:09	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 14:09	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 14:09	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:09	KH
91-20-3	**Naphthalene**	**0.119**		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:09	KH

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A1188-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 1:30 pm	01/25/2023

SVOA, 8270 SIM MASTER

Log-in Notes: PRES **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
98-95-3	Nitrobenzene	ND		ug/L	0.270	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 14:09	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 14:09	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 14:09	KH
85-01-8	**Phenanthrene**	**0.0865**		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:09	KH
129-00-0	**Pyrene**	**0.0757**		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:09	KH

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

Log-in Notes: PRES **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	01/26/2023 09:09	01/27/2023 11:51	RB

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.4 %*	*36.6-118*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

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)**	**23.1**		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**44.6**		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**48.3**		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**17.9**		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**60.8**		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**152**		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
375-95-1	*** Perfluorononanoic acid (PFNA)**	**12.6**		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
335-76-2	*** Perfluorodecanoic acid (PFDA)**	**7.32**		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A1188-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 1:30 pm	01/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** PRES **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**54.1**		ng/L	7.27	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	14.5	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	14.5	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**31.3**		ng/L	14.5	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	7.27	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	7.27	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	7.27	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	7.27	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	14.5	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	14.5	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	14.5	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	14.5	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
919005-14-4	* ADONA	ND		ng/L	14.5	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A1188-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 1:30 pm	01/25/2023

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	9.08	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	45.4	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	45.4	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	36.3	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	3.63	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	36.3	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	0.363	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:08	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*85.7 %*	*25-150*
Surrogate: M5PFHxA	*102 %*	*25-150*
Surrogate: M4PFHpA	*89.9 %*	*25-150*
Surrogate: M3PFHxS	*99.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*93.6 %*	*25-150*
Surrogate: M6PFDA	*96.8 %*	*25-150*
Surrogate: M7PFUdA	*87.4 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*80.2 %*	*25-150*
Surrogate: M2PFTeDA	*57.4 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*69.6 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*116 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*120 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*105 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*98.6 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*128 %*	*25-150*
Surrogate: M2-6:2 FTS	*157 %*	*25-200*
Surrogate: M2-8:2 FTS	*97.3 %*	*25-200*
Surrogate: M9PFNA	*98.7 %*	*25-150*
Surrogate: M2-4:2 FTS	*193 %*	*25-150*

Sample Information

Client Sample ID: **MW-6** **York Sample ID:** **23A1188-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 1:30 pm	01/25/2023

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d-N-MeFOSA	*68.3 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*74.4 %*		*25-150*						
	Surrogate: M3HFPO-DA	*88.6 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*85.3 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*62.1 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes: PRES **Sample Notes:** **HT-01**

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:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:57	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:57	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:57	BJ
309-00-2	Aldrin	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:57	BJ
319-84-6	alpha-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:57	BJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:57	BJ
319-85-7	beta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:57	BJ
319-86-8	delta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:57	BJ
60-57-1	Dieldrin	ND		ug/L	0.00216	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:57	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:57	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:57	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:57	BJ
72-20-8	Endrin	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:57	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:57	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0108	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:57	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:57	BJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 22:57	BJ

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A1188-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 1:30 pm	01/25/2023

PEST, 8081 MASTER

Log-in Notes: PRES **Sample Notes:** HT-01

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
76-44-8	Heptachlor	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00	02/03/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00	02/03/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
72-43-5	Methoxychlor	ND		ug/L	0.00432	1	EPA 8081B Certifications:	02/02/2023 17:00	02/03/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
8001-35-2	Toxaphene	ND		ug/L	0.108	1	EPA 8081B Certifications:	02/02/2023 17:00	02/03/2023 22:57 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.216	1	EPA 8081B Certifications:	02/02/2023 17:00	02/03/2023 22:57	BJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0108	1	EPA 8081B Certifications:	02/02/2023 17:00	02/03/2023 22:57	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: PRES **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	0.0588	1	EPA 8082A Certifications:	01/26/2023 08:39	01/27/2023 22:31 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0588	1	EPA 8082A Certifications:	01/26/2023 08:39	01/27/2023 22:31 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0588	1	EPA 8082A Certifications:	01/26/2023 08:39	01/27/2023 22:31 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0588	1	EPA 8082A Certifications:	01/26/2023 08:39	01/27/2023 22:31 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0588	1	EPA 8082A Certifications:	01/26/2023 08:39	01/27/2023 22:31 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0588	1	EPA 8082A Certifications:	01/26/2023 08:39	01/27/2023 22:31 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0588	1	EPA 8082A Certifications:	01/26/2023 08:39	01/27/2023 22:31 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0588	1	EPA 8082A Certifications:	01/26/2023 08:39	01/27/2023 22:31	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.5 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes: PRES **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:** 23A1188-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 1:30 pm	01/25/2023

7429-90-5	**Aluminum**	**0.0844**	mg/L	0.0556	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:47	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.168**	mg/L	0.0278	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:47	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**167**	mg/L	0.0556	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:47	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND	mg/L	0.00556	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:47	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND	mg/L	0.00444	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:47	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND	mg/L	0.0222	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:47	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**1.26**	mg/L	0.278	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:47	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND	mg/L	0.00556	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:47	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**30.2**	mg/L	0.0556	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:47	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.443**	mg/L	0.00556	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:47	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.0321**	mg/L	0.0111	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:47	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**17.7**	mg/L	0.0556	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:47	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND	mg/L	0.00556	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:47	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**578**	mg/L	0.556	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:47	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND	mg/L	0.0111	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:47	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0562**	mg/L	0.0278	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:47	CW
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes: PRES **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	ND		mg/L	0.0556	1	EPA 6010D	01/26/2023 11:41	01/26/2023 15:08	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.170**		mg/L	0.0278	1	EPA 6010D	01/26/2023 11:41	01/26/2023 15:08	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**170**		mg/L	0.0556	1	EPA 6010D	01/26/2023 11:41	01/26/2023 15:08	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	01/26/2023 11:41	01/26/2023 15:08	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/26/2023 11:41	01/26/2023 15:08	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/26/2023 11:41	01/26/2023 15:08	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A1188-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 1:30 pm	01/25/2023

Metals, Target Analyte, ICP Dissolved

Log-in Notes: PRES **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
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:08	CW
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:08	CW
7439-95-4	**Magnesium**	**31.9**		mg/L	0.0556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:08	CW
7439-96-5	**Manganese**	**0.459**		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:08	CW
7440-02-0	**Nickel**	**0.0310**		mg/L	0.0111	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:08	CW
7440-09-7	**Potassium**	**17.7**	B	mg/L	0.0556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:08	CW
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:08	CW
7440-23-5	**Sodium**	**522**		mg/L	0.556	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:08	CW
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:08	CW
7440-66-6	**Zinc**	**0.0517**		mg/L	0.0278	1	EPA 6010D Certifications:	01/26/2023 11:41 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 15:08	CW

Metals, Target Analyte, ICPMS

Log-in Notes: PRES **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	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 18:57	AJL
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 18:57	AJL
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 18:57	AJL
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 18:57	AJL
7782-49-2	**Selenium**	**1.57**		ug/L	1.11	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 18:57	AJL
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 18:57	AJL

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: PRES **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	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications:	02/02/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:46	AJL

Sample Information

Client Sample ID: MW-6 **York Sample ID:** 23A1188-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 1:30 pm	01/25/2023

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: PRES **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
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications:	02/02/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:46	AJL
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications:	02/02/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:46	AJL
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications:	02/02/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:46	AJL
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications:	02/02/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:46	AJL
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications:	02/02/2023 08:21 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:46	AJL

Mercury by 7470/7471

Log-in Notes: PRES **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:	01/31/2023 19:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/31/2023 19:27	AD

Mercury, Dissolved

Log-in Notes: PRES **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:	02/01/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 18:42	AD

Chromium, Hexavalent

Log-in Notes: PRES **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
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A Certifications:	01/25/2023 19:58 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/25/2023 20:40	NJO

Chromium, Trivalent

Log-in Notes: PRES **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
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation Certifications:	02/02/2023 08:46	02/02/2023 08:47	VR

Sample Information

Client Sample ID: FB012523 **York Sample ID:** 23A1188-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:00 am	01/25/2023

VOA, 8260 LOW MASTER

Log-in Notes: PRES **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	0.216	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C	01/30/2023 09:00	01/30/2023 15:34	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: FB012523 **York Sample ID:** 23A1188-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:00 am	01/25/2023

VOA, 8260 LOW MASTER

Log-in Notes: PRES **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	0.365	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	**Chloroform**	**0.260**	J	ug/L	0.243	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: FB012523 **York Sample ID:** 23A1188-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:00 am	01/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** PRES **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00	01/30/2023 15:34 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD

Sample Information

Client Sample ID: FB012523 **York Sample ID:** 23A1188-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:00 am	01/25/2023

VOA, 8260 LOW MASTER

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/30/2023 15:34	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	01/30/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	01/30/2023 15:34	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes: PRES **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	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
95-48-7	2-Methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH

Sample Information

Client Sample ID: FB012523 **York Sample ID:** 23A1188-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:00 am	01/25/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** PRES **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
88-75-5	2-Nitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.71	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
98-86-2	Acetophenone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
100-52-7	Benzaldehyde	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.14	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
105-60-2	Caprolactam	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
86-74-8	Carbazole	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
132-64-9	Dibenzofuran	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH

Sample Information

Client Sample ID: FB012523 **York Sample ID:** 23A1188-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:00 am	01/25/2023

SVOA, 8270 LOW MASTER

Log-in Notes: PRES **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
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.71	11.4	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
78-59-1	Isophorone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
108-95-2	Phenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH
2312-35-8	* Propargite	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47	01/27/2023 12:50	KH
110-86-1	Pyridine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:50	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*43.8 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*27.7 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*90.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*81.5 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.0 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*91.8 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: PRES **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	0.0571	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 14:41	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 14:41	KH
120-12-7	Anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 14:41	KH
1912-24-9	Atrazine	ND		ug/L	0.571	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 14:41	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 14:41	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 14:41	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 14:41	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications:	01/26/2023 10:47 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 14:41	KH

Sample Information

Client Sample ID: FB012523 **York Sample ID:** 23A1188-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:00 am	01/25/2023

SVOA, 8270 SIM MASTER

Log-in Notes: PRES **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
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:41	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.846**		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 14:41	KH
218-01-9	Chrysene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:41	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:41	KH
206-44-0	Fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:41	KH
86-73-7	**Fluorene**	**0.320**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:41	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0229	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 14:41	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 14:41	KH
67-72-1	Hexachloroethane	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 14:41	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:41	KH
91-20-3	Naphthalene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:41	KH
98-95-3	Nitrobenzene	ND		ug/L	0.286	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 14:41	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 14:41	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.286	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/26/2023 10:47	01/27/2023 14:41	KH
85-01-8	Phenanthrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:41	KH
129-00-0	Pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/26/2023 10:47	01/27/2023 14:41	KH

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

Log-in Notes: PRES **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	01/26/2023 09:09	01/27/2023 12:08	RB

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*54.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

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

Sample Information

Client Sample ID: **FB012523** **York Sample ID:** **23A1188-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:00 am	01/25/2023

Sample Prepared by Method: EPA 1633 Prep

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	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	7.28	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	14.6	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	14.6	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	14.6	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	7.28	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	7.28	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ

Sample Information

Client Sample ID: FB012523 **York Sample ID:** 23A1188-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:00 am	01/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** PRES **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	7.28	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	7.28	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	14.6	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	14.6	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	14.6	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	14.6	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
919005-14-4	* ADONA	ND		ng/L	14.6	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	9.10	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	45.5	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	45.5	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	36.4	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	3.64	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	36.4	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ
4151-50-2	* **N-EtFOSA**	**0.591**	B	ng/L	0.364	1	EPA 1633 Draft 2 Certifications:	01/25/2023 16:15	01/28/2023 06:56	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*85.5 %*	*25-150*
Surrogate: M5PFHxA	*103 %*	*25-150*
Surrogate: M4PFHpA	*95.7 %*	*25-150*
Surrogate: M3PFHxS	*105 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*91.5 %*	*25-150*
Surrogate: M6PFDA	*96.4 %*	*25-150*
Surrogate: M7PFUdA	*86.2 %*	*25-150*

Sample Information

Client Sample ID: FB012523 **York Sample ID:** 23A1188-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:00 am	01/25/2023

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*87.7 %*		*25-150*						
	Surrogate: M2PFTeDA	*68.3 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*96.7 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*102 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*107 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*24.8 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*101 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*97.3 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*111 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*97.1 %*		*25-200*						
	Surrogate: M9PFNA	*96.6 %*		*25-150*						
	Surrogate: M2-4:2 FTS	*101 %*		*25-150*						
	Surrogate: d-N-MeFOSA	*25.7 %*		*25-150*						
	Surrogate: d-N-EtFOSA	*48.0 %*		*25-150*						
	Surrogate: M3HFPO-DA	*85.6 %*		*25-150*						
	Surrogate: d9-N-EtFOSE	*28.2 %*		*25-150*						
	Surrogate: d7-N-MeFOSE	*22.0 %*		*25-150*						

PEST, 8081 MASTER

Log-in Notes: PRES **Sample Notes:** HT-01

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	0.00410	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ

Sample Information

Client Sample ID: FB012523 **York Sample ID:** 23A1188-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:00 am	01/25/2023

PEST, 8081 MASTER

Log-in Notes: PRES **Sample Notes:** HT-01

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
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B Certifications:	02/02/2023 17:00 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 23:51	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.205	1	EPA 8081B Certifications:	02/02/2023 17:00	02/03/2023 23:51	BJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0103	1	EPA 8081B Certifications:	02/02/2023 17:00	02/03/2023 23:51	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*105 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: PRES **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	0.0513	1	EPA 8082A Certifications:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:45	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A Certifications:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:45	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A Certifications:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:45	BJ

Sample Information

Client Sample ID: FB012523 **York Sample ID:** 23A1188-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:00 am	01/25/2023

PCB, 8082 MASTER

Log-in Notes: PRES **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
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A Certifications:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:45	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A Certifications:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:45	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A Certifications:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:45	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A Certifications:	01/26/2023 08:39 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/27/2023 22:45	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A Certifications:	01/26/2023 08:39	01/27/2023 22:45	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*118 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.0 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes: PRES **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	ND		mg/L	0.0556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:56	CW
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:56	CW
7440-70-2	**Calcium**	**0.0923**		mg/L	0.0556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:56	CW
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:56	CW
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:56	CW
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:56	CW
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:56	CW
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:56	CW
7439-95-4	**Magnesium**	**0.128**		mg/L	0.0556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:56	CW
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:56	CW
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:56	CW
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:56	CW
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/26/2023 08:07 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 12:56	CW

Sample Information

Client Sample ID: FB012523 **York Sample ID:** 23A1188-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:00 am	01/25/2023

Metals, Target Analyte, ICP

Log-in Notes: PRES **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
7440-23-5	**Sodium**	**1.04**		mg/L	0.556	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/26/2023 08:07	01/27/2023 12:56	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes: PRES **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	M-CCV 1	ug/L	1.11	1	EPA 6020B	01/30/2023 10:14	02/01/2023 19:01	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B	01/30/2023 10:14	02/01/2023 19:01	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/30/2023 10:14	02/01/2023 19:01	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	01/30/2023 10:14	02/01/2023 19:01	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B	01/30/2023 10:14	02/01/2023 19:01	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/30/2023 10:14	02/01/2023 19:01	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes: PRES **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	01/31/2023 19:27	01/31/2023 19:27	AD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes: PRES **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
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	01/25/2023 19:58	01/25/2023 20:40	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Chromium, Trivalent

Log-in Notes: PRES **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
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	02/02/2023 08:46	02/02/2023 08:47	VR
							Certifications:			

Sample Information

Client Sample ID: FB012523 **York Sample ID:** 23A1188-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 11:00 am	01/25/2023

Sample Information

Client Sample ID: TB **York Sample ID:** 23A1188-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 1:45 pm	01/25/2023

VOA, 8260 LOW MASTER **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	0.216	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/01/2023 13:13	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/01/2023 13:13	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/01/2023 13:13	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD

Sample Information

Client Sample ID: TB

York Sample ID: 23A1188-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 1:45 pm	01/25/2023

VOA, 8260 LOW MASTER

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
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/01/2023 13:13	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	02/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/01/2023 13:13	PD
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
67-64-1	Acetone	ND	CCVE	ug/L	1.34	2.00	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/01/2023 13:13	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/01/2023 13:13	PD

Sample Information

Client Sample ID: TB

York Sample ID: 23A1188-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 1:45 pm	01/25/2023

VOA, 8260 LOW MASTER

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	0.146	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND	QL-02	ug/L	0.399	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND	CCVE, QL-02	ug/L	0.341	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13	PD
99-87-6	p-Isopropyltoluene	ND	QL-02	ug/L	0.377	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00	02/01/2023 13:13 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	PD

Sample Information

Client Sample ID: TB

York Sample ID: 23A1188-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1188	315 Grand Concourse, Bronx, New York	Water	January 25, 2023 1:45 pm	01/25/2023

VOA, 8260 LOW MASTER

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
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
75-69-4	Trichlorofluoromethane	ND	CAL-E, QL-02	ug/L	0.337	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:13	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	02/01/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/01/2023 13:13	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

Analytical Batch Summary

Batch ID: BA31333 **Preparation Method:** EPA 1633 Prep **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
23A1188-01	MW-5	01/25/23
23A1188-02	MW-7	01/25/23
23A1188-03	MW-4	01/25/23
23A1188-04	MW-6	01/25/23
23A1188-05	FB012523	01/25/23
BA31333-BLK1	Blank	01/25/23
BA31333-BS1	LCS	01/25/23
BA31333-BS2	LCS	01/25/23
BA31333-DUP1	Duplicate	01/25/23

Batch ID: BA31347 **Preparation Method:** Analysis Preparation **Prepared By:** NJO

YORK Sample ID	Client Sample ID	Preparation Date
23A1188-01	MW-5	01/25/23
23A1188-02	MW-7	01/25/23
23A1188-03	MW-4	01/25/23
23A1188-04	MW-6	01/25/23
23A1188-05	FB012523	01/25/23
BA31347-BLK1	Blank	01/25/23
BA31347-BS1	LCS	01/25/23
BA31347-DUP1	Duplicate	01/25/23
BA31347-MS1	Matrix Spike	01/25/23

Batch ID: BA31356 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23A1188-01	MW-5	01/26/23
23A1188-02	MW-7	01/26/23
23A1188-03	MW-4	01/26/23
23A1188-04	MW-6	01/26/23
23A1188-05	FB012523	01/26/23
BA31356-BLK1	Blank	01/26/23
BA31356-BS1	LCS	01/26/23
BA31356-DUP1	Duplicate	01/26/23
BA31356-MS1	Matrix Spike	01/26/23
BA31356-PS1	Post Spike	01/26/23

Batch ID: BA31372 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** CCH

YORK Sample ID	Client Sample ID	Preparation Date
23A1188-02	MW-7	01/26/23
23A1188-03	MW-4	01/26/23
23A1188-04	MW-6	01/26/23
23A1188-05	FB012523	01/26/23

BA31372-BLK2	Blank	01/26/23
BA31372-BS2	LCS	01/26/23
BA31372-MS1	Matrix Spike	01/26/23
BA31372-MSD1	Matrix Spike Dup	01/26/23

Batch ID: BA31373 **Preparation Method:** EPA 3510C **Prepared By:** RST

YORK Sample ID	Client Sample ID	Preparation Date
23A1188-01	MW-5	01/26/23
23A1188-02	MW-7	01/26/23
23A1188-03	MW-4	01/26/23
23A1188-04	MW-6	01/26/23
23A1188-05	FB012523	01/26/23
BA31373-BLK1	Blank	01/26/23
BA31373-BLK2	Blank	01/26/23
BA31373-BS1	LCS	01/26/23
BA31373-BS2	LCS	01/26/23
BA31373-MS1	Matrix Spike	01/26/23
BA31373-MSD1	Matrix Spike Dup	01/26/23

Batch ID: BA31379 **Preparation Method:** EPA 3535A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23A1188-01	MW-5	01/26/23
23A1188-02	MW-7	01/26/23
23A1188-03	MW-4	01/26/23
23A1188-04	MW-6	01/26/23
23A1188-05	FB012523	01/26/23
BA31379-BLK1	Blank	01/26/23
BA31379-BS1	LCS	01/26/23
BA31379-MS1	Matrix Spike	01/26/23
BA31379-MSD1	Matrix Spike Dup	01/26/23

Batch ID: BA31394 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23A1188-01	MW-5	01/26/23
23A1188-02	MW-7	01/26/23
23A1188-03	MW-4	01/26/23
23A1188-04	MW-6	01/26/23
BA31394-BLK1	Blank	01/26/23
BA31394-BS1	LCS	01/26/23
BA31394-DUP1	Duplicate	01/26/23
BA31394-MS1	Matrix Spike	01/26/23
BA31394-PS1	Post Spike	01/26/23

Batch ID: BA31445 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** CCH

YORK Sample ID	Client Sample ID	Preparation Date

23A1188-01	MW-5	01/27/23
BA31445-BLK2	Blank	01/27/23
BA31445-BS2	LCS	01/27/23
BA31445-MS2	Matrix Spike	01/27/23
BA31445-MSD2	Matrix Spike Dup	01/27/23

Batch ID: BA31566 **Preparation Method:** EPA 5030B **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
23A1188-01	MW-5	01/30/23
BA31566-BLK1	Blank	01/30/23
BA31566-BS1	LCS	01/30/23
BA31566-BSD1	LCS Dup	01/30/23
BA31566-MS1	Matrix Spike	01/30/23
BA31566-MSD1	Matrix Spike Dup	01/30/23

Batch ID: BA31567 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23A1188-02	MW-7	01/30/23
23A1188-03	MW-4	01/30/23
23A1188-04	MW-6	01/30/23
23A1188-05	FB012523	01/30/23
BA31567-BLK1	Blank	01/30/23
BA31567-BS1	LCS	01/30/23

Batch ID: BA31579 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23A1188-01	MW-5	01/30/23
23A1188-02	MW-7	01/30/23
23A1188-03	MW-4	01/30/23
23A1188-04	MW-6	01/30/23
23A1188-05	FB012523	01/30/23
BA31579-BLK1	Blank	01/30/23
BA31579-BS1	LCS	01/30/23
BA31579-DUP1	Duplicate	01/30/23
BA31579-MS1	Matrix Spike	01/30/23

Batch ID: BA31692 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
23A1188-01	MW-5	01/31/23
23A1188-02	MW-7	01/31/23
23A1188-03	MW-4	01/31/23
23A1188-04	MW-6	01/31/23
23A1188-05	FB012523	01/31/23
BA31692-BLK1	Blank	01/31/23
BA31692-BS1	LCS	01/31/23

BA31692-DUP1	Duplicate	01/31/23
BA31692-MS1	Matrix Spike	01/31/23

Batch ID: BB30035 **Preparation Method:** EPA 5030B **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23A1188-06	TB	02/01/23
BB30035-BLK1	Blank	02/01/23
BB30035-BS1	LCS	02/01/23
BB30035-BSD1	LCS Dup	02/01/23

Batch ID: BB30077 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
23A1188-01	MW-5	02/01/23
23A1188-02	MW-7	02/01/23
23A1188-03	MW-4	02/01/23
23A1188-04	MW-6	02/01/23
BB30077-BLK1	Blank	02/01/23
BB30077-BS1	LCS	02/01/23
BB30077-DUP1	Duplicate	02/01/23
BB30077-MS1	Matrix Spike	02/01/23

Batch ID: BB30093 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23A1188-01	MW-5	02/02/23
23A1188-02	MW-7	02/02/23
23A1188-03	MW-4	02/02/23
23A1188-04	MW-6	02/02/23
BB30093-BLK1	Blank	02/02/23
BB30093-BS1	LCS	02/02/23
BB30093-DUP1	Duplicate	02/02/23
BB30093-MS1	Matrix Spike	02/02/23

Batch ID: BB30100 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** RST

YORK Sample ID	Client Sample ID	Preparation Date
23A1188-01	MW-5	02/02/23
23A1188-02	MW-7	02/02/23
23A1188-03	MW-4	02/02/23
23A1188-04	MW-6	02/02/23
23A1188-05	FB012523	02/02/23
BB30100-BLK1	Blank	02/02/23
BB30100-BS1	LCS	02/02/23
BB30100-MS1	Matrix Spike	02/02/23
BB30100-MSD1	Matrix Spike Dup	02/02/23

Batch ID: BB30101 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
23A1188-01	MW-5	02/02/23
23A1188-02	MW-7	02/02/23
23A1188-03	MW-4	02/02/23
23A1188-04	MW-6	02/02/23
23A1188-05	FB012523	02/02/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31566 - EPA 5030B											
Blank (BA31566-BLK1)											Prepared & Analyzed: 01/30/2023
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31566 - EPA 5030B											
Blank (BA31566-BLK1)								Prepared & Analyzed: 01/30/2023			
Methylcyclohexane	ND	0.500	ug/L								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.86*		*"*	*10.0*		*98.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.63*		*"*	*10.0*		*96.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				
LCS (BA31566-BS1)								Prepared & Analyzed: 01/30/2023			
1,1,1,2-Tetrachloroethane	9.66		ug/L	10.0		96.6	82-126				
1,1,1-Trichloroethane	11.0		"	10.0		110	78-136				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9		"	10.0		119	54-165				
1,1,2-Trichloroethane	9.74		"	10.0		97.4	82-123				
1,1-Dichloroethane	10.1		"	10.0		101	82-129				
1,1-Dichloroethylene	11.5		"	10.0		115	68-138				
1,2,3-Trichlorobenzene	7.54		"	10.0		75.4	76-136	Low Bias			
1,2,3-Trichloropropane	9.98		"	10.0		99.8	77-128				
1,2,4-Trichlorobenzene	7.68		"	10.0		76.8	76-137				
1,2,4-Trimethylbenzene	9.11		"	10.0		91.1	82-132				
1,2-Dibromo-3-chloropropane	9.68		"	10.0		96.8	45-147				
1,2-Dibromoethane	9.79		"	10.0		97.9	83-124				
1,2-Dichlorobenzene	9.27		"	10.0		92.7	79-123				
1,2-Dichloroethane	10.3		"	10.0		103	73-132				
1,2-Dichloropropane	9.92		"	10.0		99.2	78-126				
1,3,5-Trimethylbenzene	8.86		"	10.0		88.6	80-131				
1,3-Dichlorobenzene	9.09		"	10.0		90.9	86-122				
1,3-Dichloropropane	9.56		"	10.0		95.6	81-125				
1,4-Dichlorobenzene	9.23		"	10.0		92.3	85-124				
1,4-Dioxane	197		"	210		93.7	10-349				
2-Butanone	7.05		"	10.0		70.5	49-152				
2-Hexanone	7.56		"	10.0		75.6	51-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31566 - EPA 5030B											
LCS (BA31566-BS1)								Prepared & Analyzed: 01/30/2023			
4-Methyl-2-pentanone	9.19		ug/L	10.0		91.9	57-145				
Acetone	4.13		"	10.0		41.3	14-150				
Acrolein	6.88		"	10.0		68.8	10-153				
Acrylonitrile	10.1		"	10.0		101	51-150				
Benzene	10.6		"	10.0		106	85-126				
Bromochloromethane	10.6		"	10.0		106	77-128				
Bromodichloromethane	9.85		"	10.0		98.5	79-128				
Bromoform	9.89		"	10.0		98.9	78-133				
Bromomethane	7.20		"	10.0		72.0	43-168				
Carbon disulfide	12.0		"	10.0		120	68-146				
Carbon tetrachloride	11.4		"	10.0		114	77-141				
Chlorobenzene	10.2		"	10.0		102	88-120				
Chloroethane	11.2		"	10.0		112	65-136				
Chloroform	10.3		"	10.0		103	82-128				
Chloromethane	9.83		"	10.0		98.3	43-155				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129				
cis-1,3-Dichloropropylene	9.82		"	10.0		98.2	80-131				
Cyclohexane	10.4		"	10.0		104	63-149				
Dibromochloromethane	9.85		"	10.0		98.5	80-130				
Dibromomethane	9.78		"	10.0		97.8	72-134				
Dichlorodifluoromethane	13.2		"	10.0		132	44-144				
Ethyl Benzene	9.66		"	10.0		96.6	80-131				
Hexachlorobutadiene	6.15		"	10.0		61.5	67-146	Low Bias			
Isopropylbenzene	9.69		"	10.0		96.9	76-140				
Methyl acetate	9.10		"	10.0		91.0	51-139				
Methyl tert-butyl ether (MTBE)	9.92		"	10.0		99.2	76-135				
Methylcyclohexane	9.16		"	10.0		91.6	72-143				
Methylene chloride	10.1		"	10.0		101	55-137				
Naphthalene	8.27		"	10.0		82.7	70-147				
n-Butylbenzene	6.22		"	10.0		62.2	79-132	Low Bias			
n-Propylbenzene	9.28		"	10.0		92.8	78-133				
o-Xylene	9.50		"	10.0		95.0	78-130				
p- & m- Xylenes	19.8		"	20.0		99.0	77-133				
p-Diethylbenzene	7.76		"	10.0		77.6	84-134	Low Bias			
p-Ethyltoluene	9.26		"	10.0		92.6	88-129				
p-Isopropyltoluene	7.98		"	10.0		79.8	81-136	Low Bias			
sec-Butylbenzene	8.22		"	10.0		82.2	79-137				
Styrene	9.82		"	10.0		98.2	67-132				
tert-Butyl alcohol (TBA)	47.4		"	50.0		94.8	25-162				
tert-Butylbenzene	8.62		"	10.0		86.2	77-138				
Tetrachloroethylene	6.22		"	10.0		62.2	82-131	Low Bias			
Toluene	9.92		"	10.0		99.2	80-127				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-132				
trans-1,3-Dichloropropylene	9.77		"	10.0		97.7	78-131				
Trichloroethylene	9.97		"	10.0		99.7	82-128				
Trichlorofluoromethane	11.4		"	20.0		57.0	67-139	Low Bias			
Vinyl Chloride	11.7		"	10.0		117	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.54*		*"*	*10.0*		*95.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.70*		*"*	*10.0*		*97.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31566 - EPA 5030B											
LCS Dup (BA31566-BSD1)								Prepared & Analyzed: 01/30/2023			
1,1,1,2-Tetrachloroethane	9.57		ug/L	10.0		95.7	82-126		0.936	30	
1,1,1-Trichloroethane	10.6		"	10.0		106	78-136		3.97	30	
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	76-129		0.489	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	54-165		6.66	30	
1,1,2-Trichloroethane	9.50		"	10.0		95.0	82-123		2.49	30	
1,1-Dichloroethane	9.77		"	10.0		97.7	82-129		3.42	30	
1,1-Dichloroethylene	10.8		"	10.0		108	68-138		6.35	30	
1,2,3-Trichlorobenzene	7.59		"	10.0		75.9	76-136	Low Bias	0.661	30	
1,2,3-Trichloropropane	9.96		"	10.0		99.6	77-128		0.201	30	
1,2,4-Trichlorobenzene	7.79		"	10.0		77.9	76-137		1.42	30	
1,2,4-Trimethylbenzene	9.09		"	10.0		90.9	82-132		0.220	30	
1,2-Dibromo-3-chloropropane	9.53		"	10.0		95.3	45-147		1.56	30	
1,2-Dibromoethane	9.76		"	10.0		97.6	83-124		0.307	30	
1,2-Dichlorobenzene	9.27		"	10.0		92.7	79-123		0.00	30	
1,2-Dichloroethane	10.1		"	10.0		101	73-132		1.97	30	
1,2-Dichloropropane	9.73		"	10.0		97.3	78-126		1.93	30	
1,3,5-Trimethylbenzene	8.90		"	10.0		89.0	80-131		0.450	30	
1,3-Dichlorobenzene	9.10		"	10.0		91.0	86-122		0.110	30	
1,3-Dichloropropane	9.50		"	10.0		95.0	81-125		0.630	30	
1,4-Dichlorobenzene	9.18		"	10.0		91.8	85-124		0.543	30	
1,4-Dioxane	204		"	210		97.2	10-349		3.65	30	
2-Butanone	7.05		"	10.0		70.5	49-152		0.00	30	
2-Hexanone	7.60		"	10.0		76.0	51-146		0.528	30	
4-Methyl-2-pentanone	9.21		"	10.0		92.1	57-145		0.217	30	
Acetone	4.10		"	10.0		41.0	14-150		0.729	30	
Acrolein	6.65		"	10.0		66.5	10-153		3.40	30	
Acrylonitrile	10.1		"	10.0		101	51-150		0.496	30	
Benzene	10.3		"	10.0		103	85-126		2.88	30	
Bromochloromethane	10.3		"	10.0		103	77-128		2.69	30	
Bromodichloromethane	9.63		"	10.0		96.3	79-128		2.26	30	
Bromoform	9.98		"	10.0		99.8	78-133		0.906	30	
Bromomethane	7.60		"	10.0		76.0	43-168		5.41	30	
Carbon disulfide	11.3		"	10.0		113	68-146		6.52	30	
Carbon tetrachloride	10.7		"	10.0		107	77-141		6.26	30	
Chlorobenzene	9.97		"	10.0		99.7	88-120		1.79	30	
Chloroethane	11.0		"	10.0		110	65-136		1.35	30	
Chloroform	10.1		"	10.0		101	82-128		1.76	30	
Chloromethane	9.58		"	10.0		95.8	43-155		2.58	30	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129		3.54	30	
cis-1,3-Dichloropropylene	9.69		"	10.0		96.9	80-131		1.33	30	
Cyclohexane	9.75		"	10.0		97.5	63-149		6.36	30	
Dibromochloromethane	9.71		"	10.0		97.1	80-130		1.43	30	
Dibromomethane	9.65		"	10.0		96.5	72-134		1.34	30	
Dichlorodifluoromethane	12.2		"	10.0		122	44-144		7.32	30	
Ethyl Benzene	9.51		"	10.0		95.1	80-131		1.56	30	
Hexachlorobutadiene	6.01		"	10.0		60.1	67-146	Low Bias	2.30	30	
Isopropylbenzene	9.71		"	10.0		97.1	76-140		0.206	30	
Methyl acetate	9.08		"	10.0		90.8	51-139		0.220	30	
Methyl tert-butyl ether (MTBE)	9.91		"	10.0		99.1	76-135		0.101	30	
Methylcyclohexane	8.82		"	10.0		88.2	72-143		3.78	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31566 - EPA 5030B											
LCS Dup (BA31566-BSD1)								Prepared & Analyzed: 01/30/2023			
Methylene chloride	9.98		ug/L	10.0		99.8	55-137		1.10	30	
Naphthalene	8.55		"	10.0		85.5	70-147		3.33	30	
n-Butylbenzene	7.86		"	10.0		78.6	79-132	Low Bias	23.3	30	
n-Propylbenzene	9.26		"	10.0		92.6	78-133		0.216	30	
o-Xylene	9.41		"	10.0		94.1	78-130		0.952	30	
p- & m- Xylenes	19.5		"	20.0		97.4	77-133		1.68	30	
p-Diethylbenzene	7.75		"	10.0		77.5	84-134	Low Bias	0.129	30	
p-Ethyltoluene	9.19		"	10.0		91.9	88-129		0.759	30	
p-Isopropyltoluene	8.11		"	10.0		81.1	81-136		1.62	30	
sec-Butylbenzene	8.34		"	10.0		83.4	79-137		1.45	30	
Styrene	9.75		"	10.0		97.5	67-132		0.715	30	
tert-Butyl alcohol (TBA)	48.1		"	50.0		96.1	25-162		1.42	30	
tert-Butylbenzene	8.67		"	10.0		86.7	77-138		0.578	30	
Tetrachloroethylene	6.05		"	10.0		60.5	82-131	Low Bias	2.77	30	
Toluene	9.70		"	10.0		97.0	80-127		2.24	30	
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132		3.25	30	
trans-1,3-Dichloropropylene	9.62		"	10.0		96.2	78-131		1.55	30	
Trichloroethylene	9.57		"	10.0		95.7	82-128		4.09	30	
Trichlorofluoromethane	10.6		"	20.0		53.0	67-139	Low Bias	7.09	30	
Vinyl Chloride	11.0		"	10.0		110	58-145		6.00	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.72*		*"*	*10.0*		*97.2*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.71*		*"*	*10.0*		*97.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				
Matrix Spike (BA31566-MS1)	*Source sample: 23A1188-01 (MW-5)							Prepared & Analyzed: 01/30/2023			
1,1,1,2-Tetrachloroethane	12.3		ug/L	10.0	0.00	123	45-161				
1,1,1-Trichloroethane	14.6		"	10.0	0.00	146	70-146				
1,1,2,2-Tetrachloroethane	12.4		"	10.0	0.00	124	74-121	High Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14.2		"	10.0	0.00	142	21-217				
1,1,2-Trichloroethane	11.9		"	10.0	0.00	119	59-146				
1,1-Dichloroethane	13.2		"	10.0	0.00	132	54-146				
1,1-Dichloroethylene	14.9		"	10.0	0.00	149	44-165				
1,2,3-Trichlorobenzene	8.50		"	10.0	0.00	85.0	40-161				
1,2,3-Trichloropropane	12.1		"	10.0	0.00	121	74-127				
1,2,4-Trichlorobenzene	8.38		"	10.0	0.00	83.8	41-161				
1,2,4-Trimethylbenzene	10.8		"	10.0	0.00	108	72-129				
1,2-Dibromo-3-chloropropane	11.4		"	10.0	0.00	114	31-151				
1,2-Dibromoethane	12.3		"	10.0	0.00	123	75-125				
1,2-Dichlorobenzene	11.0		"	10.0	0.00	110	63-122				
1,2-Dichloroethane	13.2		"	10.0	0.00	132	68-131	High Bias			
1,2-Dichloropropane	12.5		"	10.0	0.00	125	77-121	High Bias			
1,3,5-Trimethylbenzene	10.7		"	10.0	0.00	107	69-126				
1,3-Dichlorobenzene	10.7		"	10.0	0.00	107	74-119				
1,3-Dichloropropane	11.9		"	10.0	0.00	119	77-119				
1,4-Dichlorobenzene	10.7		"	10.0	0.00	107	70-124				
1,4-Dioxane	257		"	210	0.00	122	10-310				
2-Butanone	8.97		"	10.0	0.00	89.7	10-193				
2-Hexanone	9.26		"	10.0	0.00	92.6	53-133				
4-Methyl-2-pentanone	11.3		"	10.0	0.00	113	38-150				
Acetone	5.66		"	10.0	0.400	52.6	13-149				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31566 - EPA 5030B											
Matrix Spike (BA31566-MS1)	*Source sample: 23A1188-01 (MW-5)							Prepared & Analyzed: 01/30/2023			
Acrolein	7.69		ug/L	10.0	0.00	76.9	10-195				
Acrylonitrile	11.8		"	10.0	0.00	118	37-165				
Benzene	13.8		"	10.0	0.00	138	38-155				
Bromochloromethane	13.1		"	10.0	0.00	131	75-121	High Bias			
Bromodichloromethane	12.5		"	10.0	0.00	125	70-129				
Bromoform	12.3		"	10.0	0.00	123	66-136				
Bromomethane	3.52		"	10.0	0.00	35.2	30-158				
Carbon disulfide	15.0		"	10.0	0.00	150	10-138	High Bias			
Carbon tetrachloride	14.8		"	10.0	0.00	148	71-146	High Bias			
Chlorobenzene	12.8		"	10.0	0.00	128	81-117	High Bias			
Chloroethane	14.7		"	10.0	0.00	147	51-145	High Bias			
Chloroform	15.0		"	10.0	1.44	136	80-124	High Bias			
Chloromethane	11.6		"	10.0	0.00	116	16-163				
cis-1,2-Dichloroethylene	13.2		"	10.0	0.00	132	76-125	High Bias			
cis-1,3-Dichloropropylene	11.7		"	10.0	0.00	117	58-131				
Cyclohexane	13.1		"	10.0	0.00	131	70-130	High Bias			
Dibromochloromethane	12.2		"	10.0	0.00	122	71-129				
Dibromomethane	12.1		"	10.0	0.00	121	76-120	High Bias			
Dichlorodifluoromethane	16.1		"	10.0	0.00	161	30-147	High Bias			
Ethyl Benzene	12.2		"	10.0	0.00	122	72-128				
Hexachlorobutadiene	6.56		"	10.0	0.00	65.6	34-166				
Isopropylbenzene	12.1		"	10.0	0.00	121	66-139				
Methyl acetate	10.5		"	10.0	0.00	105	10-200				
Methyl tert-butyl ether (MTBE)	13.0		"	10.0	0.230	128	75-128				
Methylcyclohexane	10.7		"	10.0	0.00	107	70-130				
Methylene chloride	12.4		"	10.0	0.00	124	57-128				
Naphthalene	9.73		"	10.0	0.00	97.3	39-158				
n-Butylbenzene	7.73		"	10.0	0.00	77.3	61-138				
n-Propylbenzene	11.2		"	10.0	0.00	112	66-134				
o-Xylene	12.0		"	10.0	0.00	120	69-126				
p- & m- Xylenes	24.9		"	20.0	0.00	125	67-130				
p-Diethylbenzene	8.82		"	10.0	0.00	88.2	52-150				
p-Ethyltoluene	11.0		"	10.0	0.00	110	76-127				
p-Isopropyltoluene	9.55		"	10.0	0.00	95.5	64-137				
sec-Butylbenzene	10.1		"	10.0	0.00	101	53-155				
Styrene	12.2		"	10.0	0.00	122	69-125				
tert-Butyl alcohol (TBA)	60.3		"	50.0	0.00	121	10-130				
tert-Butylbenzene	10.8		"	10.0	0.00	108	65-139				
Tetrachloroethylene	7.64		"	10.0	0.00	76.4	64-139				
Toluene	12.6		"	10.0	0.00	126	76-123	High Bias			
trans-1,2-Dichloroethylene	14.0		"	10.0	0.00	140	79-131	High Bias			
trans-1,3-Dichloropropylene	11.5		"	10.0	0.00	115	55-130				
Trichloroethylene	12.4		"	10.0	0.00	124	53-145				
Trichlorofluoromethane	14.7		"	20.0	0.00	73.6	61-142				
Vinyl Chloride	14.7		"	10.0	0.00	147	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.74*		*"*	*10.0*		*97.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.64*		*"*	*10.0*		*96.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31566 - EPA 5030B											
Matrix Spike Dup (BA31566-MSD1)	*Source sample: 23A1188-01 (MW-5)								Prepared & Analyzed: 01/30/2023		
1,1,1,2-Tetrachloroethane	11.8		ug/L	10.0	0.00	118	45-161		3.98	30	
1,1,1-Trichloroethane	13.8		"	10.0	0.00	138	70-146		5.41	30	
1,1,2,2-Tetrachloroethane	11.9		"	10.0	0.00	119	74-121		4.13	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14.2		"	10.0	0.00	142	21-217		0.423	30	
1,1,2-Trichloroethane	11.5		"	10.0	0.00	115	59-146		3.34	30	
1,1-Dichloroethane	12.4		"	10.0	0.00	124	54-146		6.31	30	
1,1-Dichloroethylene	14.1		"	10.0	0.00	141	44-165		5.38	30	
1,2,3-Trichlorobenzene	9.21		"	10.0	0.00	92.1	40-161		8.02	30	
1,2,3-Trichloropropane	11.6		"	10.0	0.00	116	74-127		4.21	30	
1,2,4-Trichlorobenzene	9.05		"	10.0	0.00	90.5	41-161		7.69	30	
1,2,4-Trimethylbenzene	10.8		"	10.0	0.00	108	72-129		0.371	30	
1,2-Dibromo-3-chloropropane	11.0		"	10.0	0.00	110	31-151		3.40	30	
1,2-Dibromoethane	11.7		"	10.0	0.00	117	75-125		4.76	30	
1,2-Dichlorobenzene	10.9		"	10.0	0.00	109	63-122		0.819	30	
1,2-Dichloroethane	12.5		"	10.0	0.00	125	68-131		5.30	30	
1,2-Dichloropropane	11.8		"	10.0	0.00	118	77-121		5.61	30	
1,3,5-Trimethylbenzene	10.7		"	10.0	0.00	107	69-126		0.00	30	
1,3-Dichlorobenzene	10.8		"	10.0	0.00	108	74-119		1.21	30	
1,3-Dichloropropane	11.5		"	10.0	0.00	115	77-119		3.93	30	
1,4-Dichlorobenzene	10.8		"	10.0	0.00	108	70-124		0.373	30	
1,4-Dioxane	243		"	210	0.00	116	10-310		5.49	30	
2-Butanone	8.70		"	10.0	0.00	87.0	10-193		3.06	30	
2-Hexanone	9.02		"	10.0	0.00	90.2	53-133		2.63	30	
4-Methyl-2-pentanone	11.0		"	10.0	0.00	110	38-150		2.43	30	
Acetone	5.59		"	10.0	0.400	51.9	13-149		1.24	30	
Acrolein	7.60		"	10.0	0.00	76.0	10-195		1.18	30	
Acrylonitrile	12.0		"	10.0	0.00	120	37-165		1.68	30	
Benzene	13.0		"	10.0	0.00	130	38-155		6.02	30	
Bromochloromethane	12.4		"	10.0	0.00	124	75-121	High Bias	5.42	30	
Bromodichloromethane	11.9		"	10.0	0.00	119	70-129		4.51	30	
Bromoform	11.8		"	10.0	0.00	118	66-136		3.82	30	
Bromomethane	5.21		"	10.0	0.00	52.1	30-158		38.7	30	Non-dir.
Carbon disulfide	14.8		"	10.0	0.00	148	10-138	High Bias	1.81	30	
Carbon tetrachloride	14.1		"	10.0	0.00	141	71-146		4.99	30	
Chlorobenzene	12.4		"	10.0	0.00	124	81-117	High Bias	3.10	30	
Chloroethane	13.9		"	10.0	0.00	139	51-145		5.87	30	
Chloroform	14.2		"	10.0	1.44	128	80-124	High Bias	5.06	30	
Chloromethane	11.1		"	10.0	0.00	111	16-163		4.93	30	
cis-1,2-Dichloroethylene	12.4		"	10.0	0.00	124	76-125		6.19	30	
cis-1,3-Dichloropropylene	11.2		"	10.0	0.00	112	58-131		4.35	30	
Cyclohexane	12.7		"	10.0	0.00	127	70-130		2.71	30	
Dibromochloromethane	11.8		"	10.0	0.00	118	71-129		3.66	30	
Dibromomethane	11.4		"	10.0	0.00	114	76-120		5.44	30	
Dichlorodifluoromethane	15.9		"	10.0	0.00	159	30-147	High Bias	1.50	30	
Ethyl Benzene	11.8		"	10.0	0.00	118	72-128		3.07	30	
Hexachlorobutadiene	7.25		"	10.0	0.00	72.5	34-166		9.99	30	
Isopropylbenzene	11.8		"	10.0	0.00	118	66-139		2.09	30	
Methyl acetate	9.99		"	10.0	0.00	99.9	10-200		4.98	30	
Methyl tert-butyl ether (MTBE)	12.4		"	10.0	0.230	121	75-128		4.81	30	
Methylcyclohexane	11.0		"	10.0	0.00	110	70-130		2.78	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31566 - EPA 5030B											
Matrix Spike Dup (BA31566-MSD1)	*Source sample: 23A1188-01 (MW-5)								Prepared & Analyzed: 01/30/2023		
Methylene chloride	11.8		ug/L	10.0	0.00	118	57-128		5.37	30	
Naphthalene	10.1		"	10.0	0.00	101	39-158		3.63	30	
n-Butylbenzene	8.39		"	10.0	0.00	83.9	61-138		8.19	30	
n-Propylbenzene	11.1		"	10.0	0.00	111	66-134		0.629	30	
o-Xylene	11.7		"	10.0	0.00	117	69-126		3.03	30	
p- & m- Xylenes	24.4		"	20.0	0.00	122	67-130		2.23	30	
p-Diethylbenzene	9.20		"	10.0	0.00	92.0	52-150		4.22	30	
p-Ethyltoluene	11.1		"	10.0	0.00	111	76-127		0.453	30	
p-Isopropyltoluene	9.80		"	10.0	0.00	98.0	64-137		2.58	30	
sec-Butylbenzene	10.3		"	10.0	0.00	103	53-155		1.28	30	
Styrene	11.9		"	10.0	0.00	119	69-125		3.07	30	
tert-Butyl alcohol (TBA)	60.8		"	50.0	0.00	122	10-130		0.777	30	
tert-Butylbenzene	10.8		"	10.0	0.00	108	65-139		0.647	30	
Tetrachloroethylene	7.60		"	10.0	0.00	76.0	64-139		0.525	30	
Toluene	12.1		"	10.0	0.00	121	76-123		4.44	30	
trans-1,2-Dichloroethylene	13.5		"	10.0	0.00	135	79-131	High Bias	4.15	30	
trans-1,3-Dichloropropylene	11.1		"	10.0	0.00	111	55-130		3.98	30	
Trichloroethylene	12.0		"	10.0	0.00	120	53-145		3.10	30	
Trichlorofluoromethane	14.2		"	20.0	0.00	70.8	61-142		3.81	30	
Vinyl Chloride	14.1		"	10.0	0.00	141	31-165		4.11	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.71*		*"*	*10.0*		*97.1*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.64*		*"*	*10.0*		*96.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				
Batch BA31567 - EPA 5030B											
Blank (BA31567-BLK1)									Prepared & Analyzed: 01/30/2023		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31567 - EPA 5030B											
Blank (BA31567-BLK1)									Prepared & Analyzed: 01/30/2023		
Acetone	ND	2.00	ug/L								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
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-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.99*		*"*	*10.0*		*99.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.94*		*"*	*10.0*		*99.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31567 - EPA 5030B											
LCS (BA31567-BS1)							Prepared & Analyzed: 01/30/2023				
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126				
1,1,1-Trichloroethane	11.4		"	10.0		114	78-136				
1,1,2,2-Tetrachloroethane	11.4		"	10.0		114	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0		120	54-165				
1,1,2-Trichloroethane	10.1		"	10.0		101	82-123				
1,1-Dichloroethane	10.4		"	10.0		104	82-129				
1,1-Dichloroethylene	11.7		"	10.0		117	68-138				
1,2,3-Trichlorobenzene	10.5		"	10.0		105	76-136				
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128				
1,2,4-Trichlorobenzene	9.97		"	10.0		99.7	76-137				
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132				
1,2-Dibromo-3-chloropropane	9.22		"	10.0		92.2	45-147				
1,2-Dibromoethane	10.2		"	10.0		102	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	10.2		"	10.0		102	73-132				
1,2-Dichloropropane	10.9		"	10.0		109	78-126				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131				
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122				
1,3-Dichloropropane	10.5		"	10.0		105	81-125				
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124				
1,4-Dioxane	247		"	210		118	10-349				
2-Butanone	9.06		"	10.0		90.6	49-152				
2-Hexanone	6.84		"	10.0		68.4	51-146				
4-Methyl-2-pentanone	7.83		"	10.0		78.3	57-145				
Acetone	4.92		"	10.0		49.2	14-150				
Acrolein	10.4		"	10.0		104	10-153				
Acrylonitrile	10.7		"	10.0		107	51-150				
Benzene	10.7		"	10.0		107	85-126				
Bromochloromethane	10.5		"	10.0		105	77-128				
Bromodichloromethane	10.7		"	10.0		107	79-128				
Bromoform	10.5		"	10.0		105	78-133				
Bromomethane	7.96		"	10.0		79.6	43-168				
Carbon disulfide	12.2		"	10.0		122	68-146				
Carbon tetrachloride	11.4		"	10.0		114	77-141				
Chlorobenzene	11.2		"	10.0		112	88-120				
Chloroethane	12.0		"	10.0		120	65-136				
Chloroform	10.6		"	10.0		106	82-128				
Chloromethane	10.9		"	10.0		109	43-155				
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129				
cis-1,3-Dichloropropylene	10.8		"	10.0		108	80-131				
Cyclohexane	11.4		"	10.0		114	63-149				
Dibromochloromethane	10.4		"	10.0		104	80-130				
Dibromomethane	10.4		"	10.0		104	72-134				
Dichlorodifluoromethane	13.5		"	10.0		135	44-144				
Ethyl Benzene	10.8		"	10.0		108	80-131				
Hexachlorobutadiene	10.7		"	10.0		107	67-146				
Isopropylbenzene	11.3		"	10.0		113	76-140				
Methyl acetate	9.39		"	10.0		93.9	51-139				
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	76-135				
Methylcyclohexane	10.9		"	10.0		109	72-143				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31567 - EPA 5030B											
LCS (BA31567-BS1)								Prepared & Analyzed: 01/30/2023			
Methylene chloride	10.6		ug/L	10.0		106	55-137				
Naphthalene	9.19		"	10.0		91.9	70-147				
n-Butylbenzene	10.8		"	10.0		108	79-132				
n-Propylbenzene	11.2		"	10.0		112	78-133				
o-Xylene	10.8		"	10.0		108	78-130				
p- & m- Xylenes	21.6		"	20.0		108	77-133				
p-Diethylbenzene	10.9		"	10.0		109	84-134				
p-Ethyltoluene	11.2		"	10.0		112	88-129				
p-Isopropyltoluene	10.8		"	10.0		108	81-136				
sec-Butylbenzene	11.0		"	10.0		110	79-137				
Styrene	11.1		"	10.0		111	67-132				
tert-Butyl alcohol (TBA)	48.3		"	50.0		96.6	25-162				
tert-Butylbenzene	10.8		"	10.0		108	77-138				
Tetrachloroethylene	6.14		"	10.0		61.4	82-131	Low Bias			
Toluene	10.8		"	10.0		108	80-127				
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	10.9		"	10.0		109	78-131				
Trichloroethylene	10.5		"	10.0		105	82-128				
Trichlorofluoromethane	12.2		"	20.0		60.8	67-139	Low Bias			
Vinyl Chloride	12.4		"	10.0		124	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.85*		*"*	*10.0*		*98.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				
Batch BB30035 - EPA 5030B											
Blank (BB30035-BLK1)								Prepared & Analyzed: 02/01/2023			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30035 - EPA 5030B											
Blank (BB30035-BLK1)											Prepared & Analyzed: 02/01/2023
Acetone	ND	2.00	ug/L								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	0.480	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.92*		*"*	*10.0*		*99.2*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.45*		*"*	*10.0*		*94.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30035 - EPA 5030B											
LCS (BB30035-BS1)								Prepared & Analyzed: 02/01/2023			
1,1,1,2-Tetrachloroethane	9.52		ug/L	10.0		95.2	82-126				
1,1,1-Trichloroethane	11.0		"	10.0		110	78-136				
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	54-165				
1,1,2-Trichloroethane	9.61		"	10.0		96.1	82-123				
1,1-Dichloroethane	10.0		"	10.0		100	82-129				
1,1-Dichloroethylene	11.1		"	10.0		111	68-138				
1,2,3-Trichlorobenzene	7.79		"	10.0		77.9	76-136				
1,2,3-Trichloropropane	9.88		"	10.0		98.8	77-128				
1,2,4-Trichlorobenzene	7.68		"	10.0		76.8	76-137				
1,2,4-Trimethylbenzene	8.79		"	10.0		87.9	82-132				
1,2-Dibromo-3-chloropropane	9.51		"	10.0		95.1	45-147				
1,2-Dibromoethane	9.96		"	10.0		99.6	83-124				
1,2-Dichlorobenzene	9.14		"	10.0		91.4	79-123				
1,2-Dichloroethane	10.7		"	10.0		107	73-132				
1,2-Dichloropropane	9.48		"	10.0		94.8	78-126				
1,3,5-Trimethylbenzene	8.53		"	10.0		85.3	80-131				
1,3-Dichlorobenzene	8.85		"	10.0		88.5	86-122				
1,3-Dichloropropane	9.57		"	10.0		95.7	81-125				
1,4-Dichlorobenzene	8.94		"	10.0		89.4	85-124				
1,4-Dioxane	215		"	210		102	10-349				
2-Butanone	7.57		"	10.0		75.7	49-152				
2-Hexanone	7.64		"	10.0		76.4	51-146				
4-Methyl-2-pentanone	9.31		"	10.0		93.1	57-145				
Acetone	4.41		"	10.0		44.1	14-150				
Acrolein	6.87		"	10.0		68.7	10-153				
Acrylonitrile	10.8		"	10.0		108	51-150				
Benzene	10.6		"	10.0		106	85-126				
Bromochloromethane	10.6		"	10.0		106	77-128				
Bromodichloromethane	9.58		"	10.0		95.8	79-128				
Bromoform	10.1		"	10.0		101	78-133				
Bromomethane	5.27		"	10.0		52.7	43-168				
Carbon disulfide	11.4		"	10.0		114	68-146				
Carbon tetrachloride	11.1		"	10.0		111	77-141				
Chlorobenzene	9.91		"	10.0		99.1	88-120				
Chloroethane	10.8		"	10.0		108	65-136				
Chloroform	10.5		"	10.0		105	82-128				
Chloromethane	8.55		"	10.0		85.5	43-155				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	83-129				
cis-1,3-Dichloropropylene	9.61		"	10.0		96.1	80-131				
Cyclohexane	10.1		"	10.0		101	63-149				
Dibromochloromethane	9.83		"	10.0		98.3	80-130				
Dibromomethane	9.82		"	10.0		98.2	72-134				
Dichlorodifluoromethane	11.3		"	10.0		113	44-144				
Ethyl Benzene	9.38		"	10.0		93.8	80-131				
Hexachlorobutadiene	6.08		"	10.0		60.8	67-146	Low Bias			
Isopropylbenzene	9.24		"	10.0		92.4	76-140				
Methyl acetate	9.46		"	10.0		94.6	51-139				
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	76-135				
Methylcyclohexane	8.66		"	10.0		86.6	72-143				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30035 - EPA 5030B											
LCS (BB30035-BS1)								Prepared & Analyzed: 02/01/2023			
Methylene chloride	10.8		ug/L	10.0		108	55-137				
Naphthalene	8.49		"	10.0		84.9	70-147				
n-Butylbenzene	7.58		"	10.0		75.8	79-132	Low Bias			
n-Propylbenzene	8.82		"	10.0		88.2	78-133				
o-Xylene	9.40		"	10.0		94.0	78-130				
p- & m- Xylenes	19.4		"	20.0		96.9	77-133				
p-Diethylbenzene	7.50		"	10.0		75.0	84-134	Low Bias			
p-Ethyltoluene	8.88		"	10.0		88.8	88-129				
p-Isopropyltoluene	7.82		"	10.0		78.2	81-136	Low Bias			
sec-Butylbenzene	7.99		"	10.0		79.9	79-137				
Styrene	9.76		"	10.0		97.6	67-132				
tert-Butyl alcohol (TBA)	51.6		"	50.0		103	25-162				
tert-Butylbenzene	8.33		"	10.0		83.3	77-138				
Tetrachloroethylene	5.96		"	10.0		59.6	82-131	Low Bias			
Toluene	9.58		"	10.0		95.8	80-127				
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132				
trans-1,3-Dichloropropylene	9.61		"	10.0		96.1	78-131				
Trichloroethylene	9.52		"	10.0		95.2	82-128				
Trichlorofluoromethane	10.8		"	20.0		54.1	67-139	Low Bias			
Vinyl Chloride	10.7		"	10.0		107	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.48*		*"*	*10.0*		*94.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				
LCS Dup (BB30035-BSD1)								Prepared & Analyzed: 02/01/2023			
1,1,1,2-Tetrachloroethane	9.50		ug/L	10.0		95.0	82-126		0.210	30	
1,1,1-Trichloroethane	10.9		"	10.0		109	78-136		0.822	30	
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	76-129		0.0997	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	54-165		0.259	30	
1,1,2-Trichloroethane	9.49		"	10.0		94.9	82-123		1.26	30	
1,1-Dichloroethane	9.86		"	10.0		98.6	82-129		1.61	30	
1,1-Dichloroethylene	11.0		"	10.0		110	68-138		0.997	30	
1,2,3-Trichlorobenzene	7.81		"	10.0		78.1	76-136		0.256	30	
1,2,3-Trichloropropane	9.75		"	10.0		97.5	77-128		1.32	30	
1,2,4-Trichlorobenzene	7.78		"	10.0		77.8	76-137		1.29	30	
1,2,4-Trimethylbenzene	8.93		"	10.0		89.3	82-132		1.58	30	
1,2-Dibromo-3-chloropropane	9.40		"	10.0		94.0	45-147		1.16	30	
1,2-Dibromoethane	9.85		"	10.0		98.5	83-124		1.11	30	
1,2-Dichlorobenzene	9.18		"	10.0		91.8	79-123		0.437	30	
1,2-Dichloroethane	10.5		"	10.0		105	73-132		1.80	30	
1,2-Dichloropropane	9.55		"	10.0		95.5	78-126		0.736	30	
1,3,5-Trimethylbenzene	8.70		"	10.0		87.0	80-131		1.97	30	
1,3-Dichlorobenzene	8.93		"	10.0		89.3	86-122		0.900	30	
1,3-Dichloropropane	9.53		"	10.0		95.3	81-125		0.419	30	
1,4-Dichlorobenzene	8.97		"	10.0		89.7	85-124		0.335	30	
1,4-Dioxane	214		"	210		102	10-349		0.247	30	
2-Butanone	7.32		"	10.0		73.2	49-152		3.36	30	
2-Hexanone	7.66		"	10.0		76.6	51-146		0.261	30	
4-Methyl-2-pentanone	9.25		"	10.0		92.5	57-145		0.647	30	
Acetone	4.38		"	10.0		43.8	14-150		0.683	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30035 - EPA 5030B											
LCS Dup (BB30035-BSD1)								Prepared & Analyzed: 02/01/2023			
Acrolein	6.89		ug/L	10.0		68.9	10-153		0.291	30	
Acrylonitrile	9.89		"	10.0		98.9	51-150		9.26	30	
Benzene	10.5		"	10.0		105	85-126		1.04	30	
Bromochloromethane	10.3		"	10.0		103	77-128		2.40	30	
Bromodichloromethane	9.61		"	10.0		96.1	79-128		0.313	30	
Bromoform	10.0		"	10.0		100	78-133		0.995	30	
Bromomethane	5.73		"	10.0		57.3	43-168		8.36	30	
Carbon disulfide	11.2		"	10.0		112	68-146		2.48	30	
Carbon tetrachloride	11.2		"	10.0		112	77-141		0.628	30	
Chlorobenzene	9.97		"	10.0		99.7	88-120		0.604	30	
Chloroethane	10.6		"	10.0		106	65-136		2.15	30	
Chloroform	10.3		"	10.0		103	82-128		1.35	30	
Chloromethane	8.46		"	10.0		84.6	43-155		1.06	30	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129		1.44	30	
cis-1,3-Dichloropropylene	9.53		"	10.0		95.3	80-131		0.836	30	
Cyclohexane	10.0		"	10.0		100	63-149		0.199	30	
Dibromochloromethane	9.79		"	10.0		97.9	80-130		0.408	30	
Dibromomethane	9.67		"	10.0		96.7	72-134		1.54	30	
Dichlorodifluoromethane	10.9		"	10.0		109	44-144		3.50	30	
Ethyl Benzene	9.46		"	10.0		94.6	80-131		0.849	30	
Hexachlorobutadiene	6.18		"	10.0		61.8	67-146	Low Bias	1.63	30	
Isopropylbenzene	9.41		"	10.0		94.1	76-140		1.82	30	
Methyl acetate	9.25		"	10.0		92.5	51-139		2.24	30	
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	76-135		1.74	30	
Methylcyclohexane	8.85		"	10.0		88.5	72-143		2.17	30	
Methylene chloride	10.7		"	10.0		107	55-137		0.466	30	
Naphthalene	8.62		"	10.0		86.2	70-147		1.52	30	
n-Butylbenzene	7.86		"	10.0		78.6	79-132	Low Bias	3.63	30	
n-Propylbenzene	9.02		"	10.0		90.2	78-133		2.24	30	
o-Xylene	9.40		"	10.0		94.0	78-130		0.00	30	
p- & m- Xylenes	19.4		"	20.0		97.2	77-133		0.309	30	
p-Diethylbenzene	7.75		"	10.0		77.5	84-134	Low Bias	3.28	30	
p-Ethyltoluene	8.99		"	10.0		89.9	88-129		1.23	30	
p-Isopropyltoluene	8.06		"	10.0		80.6	81-136	Low Bias	3.02	30	
sec-Butylbenzene	8.30		"	10.0		83.0	79-137		3.81	30	
Styrene	9.75		"	10.0		97.5	67-132		0.103	30	
tert-Butyl alcohol (TBA)	50.6		"	50.0		101	25-162		1.94	30	
tert-Butylbenzene	8.55		"	10.0		85.5	77-138		2.61	30	
Tetrachloroethylene	6.05		"	10.0		60.5	82-131	Low Bias	1.50	30	
Toluene	9.62		"	10.0		96.2	80-127		0.417	30	
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132		1.12	30	
trans-1,3-Dichloropropylene	9.49		"	10.0		94.9	78-131		1.26	30	
Trichloroethylene	9.48		"	10.0		94.8	82-128		0.421	30	
Trichlorofluoromethane	10.8		"	20.0		53.8	67-139	Low Bias	0.556	30	
Vinyl Chloride	10.6		"	10.0		106	58-145		1.51	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.84*		*"*	*10.0*		*98.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.47*		*"*	*10.0*		*94.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31373 - EPA 3510C											
Blank (BA31373-BLK1)											
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	*14.2*		*"*	*50.0*		*28.4*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*8.88*		*"*	*50.0*		*17.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.4*		*"*	*25.0*		*65.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.3*		*"*	*25.0*		*57.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*32.1*		*"*	*50.0*		*64.2*	*39.3-151*				

Prepared: 01/26/2023 Analyzed: 01/27/2023

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31373 - EPA 3510C											
Blank (BA31373-BLK1)									Prepared: 01/26/2023 Analyzed: 01/27/2023		
Surrogate: SURR: Terphenyl-d14	*16.7*		*ug/L*	*25.0*		*66.8*	*30.7-106*				
Blank (BA31373-BLK2)									Prepared: 01/26/2023 Analyzed: 01/27/2023		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
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	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31373 - EPA 3510C											
LCS (BA31373-BS1)									Prepared: 01/26/2023 Analyzed: 01/27/2023		
1,1-Biphenyl	17.1	5.00	ug/L	25.0		68.6	33-95				
1,2,4,5-Tetrachlorobenzene	13.4	5.00	"	25.0		53.5	26-120				
2,3,4,6-Tetrachlorophenol	15.7	5.00	"	25.0		62.8	30-130				
2,4,5-Trichlorophenol	13.7	5.00	"	25.0		54.8	32-114				
2,4,6-Trichlorophenol	13.9	5.00	"	25.0		55.4	35-118				
2,4-Dichlorophenol	14.0	5.00	"	25.0		56.2	25-116				
2,4-Dimethylphenol	14.5	5.00	"	25.0		57.8	15-116				
2,4-Dinitrophenol	19.4	5.00	"	25.0		77.4	10-170				
2,4-Dinitrotoluene	16.8	5.00	"	25.0		67.0	41-128				
2,6-Dinitrotoluene	16.6	5.00	"	25.0		66.4	45-116				
2-Chloronaphthalene	13.2	5.00	"	25.0		52.9	33-112				
2-Chlorophenol	11.9	5.00	"	25.0		47.7	15-120				
2-Methylnaphthalene	14.1	5.00	"	25.0		56.4	24-118				
2-Methylphenol	10.5	5.00	"	25.0		42.0	10-110				
2-Nitroaniline	15.8	5.00	"	25.0		63.2	34-129				
2-Nitrophenol	15.7	5.00	"	25.0		62.7	28-118				
3- & 4-Methylphenols	8.33	5.00	"	25.0		33.3	10-107				
3,3-Dichlorobenzidine	11.9	5.00	"	25.0		47.7	15-187				
3-Nitroaniline	12.9	5.00	"	25.0		51.6	24-134				
4,6-Dinitro-2-methylphenol	22.1	5.00	"	25.0		88.4	10-153				
4-Bromophenyl phenyl ether	13.4	5.00	"	25.0		53.8	34-120				
4-Chloro-3-methylphenol	14.2	5.00	"	25.0		56.6	20-120				
4-Chloroaniline	10.3	5.00	"	25.0		41.0	10-147				
4-Chlorophenyl phenyl ether	13.1	5.00	"	25.0		52.5	27-121				
4-Nitroaniline	13.7	5.00	"	25.0		54.8	13-134				
4-Nitrophenol	6.28	5.00	"	25.0		25.1	10-131				
Acetophenone	15.5	5.00	"	25.0		62.0	25-110				
Benzaldehyde	14.5	5.00	"	25.0		58.2	29-117				
Benzyl butyl phthalate	14.8	5.00	"	25.0		59.2	29-133				
Bis(2-chloroethoxy)methane	14.1	5.00	"	25.0		56.4	10-154				
Bis(2-chloroethyl)ether	12.6	5.00	"	25.0		50.4	17-125				
Bis(2-chloroisopropyl)ether	12.9	5.00	"	25.0		51.6	10-139				
Caprolactam	3.28	5.00	"	25.0		13.1	10-137				
Carbazole	15.3	5.00	"	25.0		61.3	42-126				
Dibenzofuran	13.4	5.00	"	25.0		53.4	36-113				
Diethyl phthalate	14.1	5.00	"	25.0		56.6	38-115				
Dimethyl phthalate	13.9	5.00	"	25.0		55.7	38-129				
Di-n-butyl phthalate	14.5	5.00	"	25.0		58.1	31-120				
Di-n-octyl phthalate	15.0	5.00	"	25.0		60.2	21-149				
Hexachlorocyclopentadiene	8.69	10.0	"	25.0		34.8	10-130				
Isophorone	14.9	5.00	"	25.0		59.5	25-127				
N-nitroso-di-n-propylamine	12.9	5.00	"	25.0		51.7	26-122				
N-Nitrosodiphenylamine	16.8	5.00	"	25.0		67.2	23-149				
Phenol	4.65	5.00	"	25.0		18.6	10-110				
Pyridine	5.50	5.00	"	25.5		21.6	10-90				
Surrogate: SURR: 2-Fluorophenol	*16.0*		*"*	*50.0*		*32.1*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*10.3*		*"*	*50.0*		*20.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*17.9*		*"*	*25.0*		*71.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.9*		*"*	*25.0*		*63.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*36.1*		*"*	*50.0*		*72.3*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.3*		*"*	*25.0*		*73.4*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31373 - EPA 3510C											
LCS (BA31373-BS2)								Prepared: 01/26/2023 Analyzed: 01/27/2023			
Acenaphthene	0.500	0.0500	ug/L	1.00		50.0	25-116				
Acenaphthylene	0.500	0.0500	"	1.00		50.0	26-116				
Anthracene	0.440	0.0500	"	1.00		44.0	25-123				
Benzo(a)anthracene	0.600	0.0500	"	1.00		60.0	33-125				
Benzo(a)pyrene	0.430	0.0500	"	1.00		43.0	32-132				
Benzo(b)fluoranthene	0.650	0.0500	"	1.00		65.0	22-137				
Benzo(g,h,i)perylene	0.770	0.0500	"	1.00		77.0	10-138				
Benzo(k)fluoranthene	0.620	0.0500	"	1.00		62.0	20-137				
Bis(2-ethylhexyl)phthalate	1.32	0.500	"	1.00		132	10-189				
Chrysene	0.660	0.0500	"	1.00		66.0	32-124				
Dibenzo(a,h)anthracene	0.750	0.0500	"	1.00		75.0	16-133				
Fluoranthene	0.730	0.0500	"	1.00		73.0	32-121				
Fluorene	0.600	0.0500	"	1.00		60.0	28-118				
Hexachlorobenzene	0.660	0.0200	"	1.00		66.0	23-124				
Hexachlorobutadiene	0.530	0.500	"	1.00		53.0	15-123				
Hexachloroethane	2.51	0.500	"	1.00		251	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.750	0.0500	"	1.00		75.0	15-135				
Naphthalene	0.520	0.0500	"	1.00		52.0	18-120				
Nitrobenzene	0.640	0.250	"	1.00		64.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.500	0.250	"	1.00		50.0	10-156				
Phenanthrene	0.590	0.0500	"	1.00		59.0	24-127				
Pyrene	0.550	0.0500	"	1.00		55.0	31-132				
Matrix Spike (BA31373-MS1)	*Source sample: 23A1188-01 (MW-5)							Prepared: 01/26/2023 Analyzed: 01/27/2023			
1,1-Biphenyl	19.5	5.56	ug/L	27.8	ND	70.1	26-79				
1,2,4,5-Tetrachlorobenzene	18.9	5.56	"	27.8	ND	68.2	33-90				
2,3,4,6-Tetrachlorophenol	22.7	5.56	"	27.8	ND	81.6	30-130				
2,4,5-Trichlorophenol	18.7	5.56	"	27.8	ND	67.3	43-96				
2,4,6-Trichlorophenol	20.7	5.56	"	27.8	ND	74.5	46-94				
2,4-Dichlorophenol	19.6	5.56	"	27.8	ND	70.7	26-101				
2,4-Dimethylphenol	18.9	5.56	"	27.8	ND	68.2	10-104				
2,4-Dinitrophenol	48.0	5.56	"	27.8	ND	173	10-146	High Bias			
2,4-Dinitrotoluene	24.5	5.56	"	27.8	ND	88.3	30-108				
2,6-Dinitrotoluene	25.0	5.56	"	27.8	ND	89.9	38-98				
2-Chloronaphthalene	17.8	5.56	"	27.8	ND	64.0	30-89				
2-Chlorophenol	16.4	5.56	"	27.8	ND	59.2	24-98				
2-Methylnaphthalene	18.7	5.56	"	27.8	ND	67.4	10-112				
2-Methylphenol	15.0	5.56	"	27.8	ND	54.0	10-134				
2-Nitroaniline	21.7	5.56	"	27.8	ND	78.0	25-110				
2-Nitrophenol	23.0	5.56	"	27.8	ND	82.8	10-139				
3- & 4-Methylphenols	12.1	5.56	"	27.8	ND	43.7	10-91				
3,3-Dichlorobenzidine	ND	5.56	"	27.8	ND		10-140	Low Bias			
3-Nitroaniline	11.1	5.56	"	27.8	ND	40.1	22-111				
4,6-Dinitro-2-methylphenol	44.5	5.56	"	27.8	ND	160	10-140	High Bias			
4-Bromophenyl phenyl ether	19.6	5.56	"	27.8	ND	70.6	30-108				
4-Chloro-3-methylphenol	18.1	5.56	"	27.8	ND	65.0	11-109				
4-Chloroaniline	10.6	5.56	"	27.8	ND	38.2	10-116				
4-Chlorophenyl phenyl ether	18.4	5.56	"	27.8	ND	66.3	39-85				
4-Nitroaniline	12.6	5.56	"	27.8	ND	45.4	11-132				
4-Nitrophenol	10.2	5.56	"	27.8	ND	36.7	10-82				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31373 - EPA 3510C											
Matrix Spike (BA31373-MS1)	*Source sample: 23A1188-01 (MW-5)								Prepared: 01/26/2023 Analyzed: 01/27/2023		
Acetophenone	19.7	5.56	ug/L	27.8	ND	70.8	14-102				
Benzaldehyde	18.7	5.56	"	27.8	ND	67.4	13-87				
Benzyl butyl phthalate	19.7	5.56	"	27.8	ND	71.0	10-133				
Bis(2-chloroethoxy)methane	18.4	5.56	"	27.8	ND	66.2	18-105				
Bis(2-chloroethyl)ether	16.6	5.56	"	27.8	ND	59.9	10-108				
Bis(2-chloroisopropyl)ether	17.9	5.56	"	27.8	ND	64.3	13-116				
Caprolactam	3.52	5.56	"	27.8	ND	12.7	10-75				
Carbazole	20.6	5.56	"	27.8	ND	74.1	36-108				
Dibenzofuran	18.2	5.56	"	27.8	ND	65.7	34-92				
Diethyl phthalate	17.8	5.56	"	27.8	ND	64.0	33-98				
Dimethyl phthalate	17.4	5.56	"	27.8	ND	62.5	18-116				
Di-n-butyl phthalate	18.0	5.56	"	27.8	ND	64.9	25-97				
Di-n-octyl phthalate	19.4	5.56	"	27.8	ND	70.0	10-137				
Hexachlorocyclopentadiene	15.9	11.1	"	27.8	ND	57.2	10-79				
Isophorone	19.1	5.56	"	27.8	ND	68.7	25-103				
N-nitroso-di-n-propylamine	18.3	5.56	"	27.8	ND	65.8	19-115				
N-Nitrosodiphenylamine	20.7	5.56	"	27.8	ND	74.5	31-112				
Phenol	7.89	5.56	"	27.8	ND	28.4	10-61				
Pyridine	6.33	5.56	"	28.3	ND	22.4	10-78				
Surrogate: SURR: 2-Fluorophenol	*20.8*		*"*	*55.6*		*37.4*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*14.1*		*"*	*55.6*		*25.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*19.8*		*"*	*27.8*		*71.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.6*		*"*	*27.8*		*66.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*51.9*		*"*	*55.6*		*93.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*21.7*		*"*	*27.8*		*78.3*	*30.7-106*				
Matrix Spike Dup (BA31373-MSD1)	*Source sample: 23A1188-01 (MW-5)								Prepared: 01/26/2023 Analyzed: 01/27/2023		
1,1-Biphenyl	18.5	5.41	ug/L	27.0	ND	68.5	26-79		5.11	25	
1,2,4,5-Tetrachlorobenzene	17.6	5.41	"	27.0	ND	65.2	33-90		7.17	25	
2,3,4,6-Tetrachlorophenol	22.0	5.41	"	27.0	ND	81.4	30-130		2.99	25	
2,4,5-Trichlorophenol	19.0	5.41	"	27.0	ND	70.1	43-96		1.34	25	
2,4,6-Trichlorophenol	18.8	5.41	"	27.0	ND	69.7	46-94		9.39	25	
2,4-Dichlorophenol	16.9	5.41	"	27.0	ND	62.6	26-101		14.9	25	
2,4-Dimethylphenol	16.1	5.41	"	27.0	ND	59.5	10-104		16.3	25	
2,4-Dinitrophenol	46.5	5.41	"	27.0	ND	172	10-146	High Bias	3.23	25	
2,4-Dinitrotoluene	24.5	5.41	"	27.0	ND	90.6	30-108		0.146	25	
2,6-Dinitrotoluene	22.3	5.41	"	27.0	ND	82.4	38-98		11.4	25	
2-Chloronaphthalene	16.2	5.41	"	27.0	ND	59.8	30-89		9.52	25	
2-Chlorophenol	15.3	5.41	"	27.0	ND	56.7	24-98		6.95	25	
2-Methylnaphthalene	16.4	5.41	"	27.0	ND	60.7	10-112		13.1	25	
2-Methylphenol	13.7	5.41	"	27.0	ND	50.8	10-134		8.84	25	
2-Nitroaniline	20.1	5.41	"	27.0	ND	74.2	25-110		7.73	25	
2-Nitrophenol	21.7	5.41	"	27.0	ND	80.4	10-139		5.73	25	
3- & 4-Methylphenols	10.4	5.41	"	27.0	ND	38.5	10-91		15.3	25	
3,3-Dichlorobenzidine	ND	5.41	"	27.0	ND		10-140	Low Bias		25	
3-Nitroaniline	10.8	5.41	"	27.0	ND	40.0	22-111		3.04	25	
4,6-Dinitro-2-methylphenol	40.6	5.41	"	27.0	ND	150	10-140	High Bias	9.13	25	
4-Bromophenyl phenyl ether	17.7	5.41	"	27.0	ND	65.4	30-108		10.4	25	
4-Chloro-3-methylphenol	16.4	5.41	"	27.0	ND	60.6	11-109		9.74	25	
4-Chloroaniline	10.9	5.41	"	27.0	ND	40.3	10-116		2.56	25	
4-Chlorophenyl phenyl ether	16.5	5.41	"	27.0	ND	61.1	39-85		10.9	25	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31373 - EPA 3510C											
Matrix Spike Dup (BA31373-MSD1)	*Source sample: 23A1188-01 (MW-5)								Prepared: 01/26/2023 Analyzed: 01/27/2023		
4-Nitroaniline	9.69	5.41	ug/L	27.0	ND	35.8	11-132		26.2	25	Non-dir.
4-Nitrophenol	9.75	5.41	"	27.0	ND	36.1	10-82		4.39	25	
Acetophenone	16.4	5.41	"	27.0	ND	60.6	14-102		18.3	25	
Benzaldehyde	15.2	5.41	"	27.0	ND	56.4	13-87		20.6	25	
Benzyl butyl phthalate	16.8	5.41	"	27.0	ND	62.3	10-133		15.8	25	
Bis(2-chloroethoxy)methane	15.7	5.41	"	27.0	ND	58.2	18-105		15.6	25	
Bis(2-chloroethyl)ether	14.9	5.41	"	27.0	ND	55.2	10-108		10.8	25	
Bis(2-chloroisopropyl)ether	15.5	5.41	"	27.0	ND	57.3	13-116		14.2	25	
Caprolactam	3.31	5.41	"	27.0	ND	12.2	10-75		6.27	25	
Carbazole	18.9	5.41	"	27.0	ND	70.0	36-108		8.40	25	
Dibenzofuran	16.6	5.41	"	27.0	ND	61.2	34-92		9.73	25	
Diethyl phthalate	17.1	5.41	"	27.0	ND	63.3	33-98		3.75	25	
Dimethyl phthalate	17.0	5.41	"	27.0	ND	62.9	18-116		2.17	25	
Di-n-butyl phthalate	17.9	5.41	"	27.0	ND	66.2	25-97		0.665	25	
Di-n-octyl phthalate	17.2	5.41	"	27.0	ND	63.8	10-137		12.0	25	
Hexachlorocyclopentadiene	13.9	10.8	"	27.0	ND	51.3	10-79		13.6	25	
Isophorone	16.7	5.41	"	27.0	ND	61.8	25-103		13.3	25	
N-nitroso-di-n-propylamine	15.5	5.41	"	27.0	ND	57.3	19-115		16.6	25	
N-Nitrosodiphenylamine	18.8	5.41	"	27.0	ND	69.5	31-112		9.74	25	
Phenol	6.80	5.41	"	27.0	ND	25.2	10-61		14.8	25	
Pyridine	5.96	5.41	"	27.6	ND	21.6	10-78		6.13	25	
Surrogate: SURR: 2-Fluorophenol	*17.4*		*"*	*54.1*		*32.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*11.3*		*"*	*54.1*		*21.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*17.8*		*"*	*27.0*		*65.9*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.6*		*"*	*27.0*		*61.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*44.7*		*"*	*54.1*		*82.7*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.6*		*"*	*27.0*		*68.7*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31379 - EPA 3535A											
Blank (BA31379-BLK1)									Prepared: 01/26/2023 Analyzed: 01/27/2023		
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*2.20*		*"*	*4.00*		*54.9*	*36.6-118*				
LCS (BA31379-BS1)									Prepared: 01/26/2023 Analyzed: 01/27/2023		
1,4-Dioxane	4.11	0.300	ug/L	4.00		103	50-130				
Surrogate: 1,4-Dioxane-d8	*3.06*		*"*	*4.00*		*76.4*	*36.6-118*				
Matrix Spike (BA31379-MS1)	*Source sample: 23A1188-01 (MW-5)								Prepared: 01/26/2023 Analyzed: 01/27/2023		
1,4-Dioxane	3.94	0.300	ug/L	4.00	ND	98.4	50-130				
Surrogate: 1,4-Dioxane-d8	*3.36*		*"*	*4.00*		*83.9*	*50-130*				
Matrix Spike Dup (BA31379-MSD1)	*Source sample: 23A1188-01 (MW-5)								Prepared: 01/26/2023 Analyzed: 01/27/2023		
1,4-Dioxane	3.14	0.300	ug/L	4.00	ND	78.4	50-130		22.6	30	
Surrogate: 1,4-Dioxane-d8	*4.18*		*"*	*4.00*		*105*	*50-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31333 - EPA 1633 Prep											
Blank (BA31333-BLK1)											Prepared: 01/25/2023 Analyzed: 01/28/2023
Perfluorobutanesulfonic acid (PFBS)	ND	0.400	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	0.400	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.400	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.400	"								
Perfluorooctanoic acid (PFOA)	ND	0.400	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.400	"								
Perfluorononanoic acid (PFNA)	ND	0.400	"								
Perfluorodecanoic acid (PFDA)	ND	0.400	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.400	"								
Perfluorododecanoic acid (PFDoA)	ND	0.400	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.400	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.400	"								
N-MeFOSAA	ND	0.400	"								
N-EtFOSAA	ND	0.400	"								
Perfluoropentanoic acid (PFPeA)	ND	0.800	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.400	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.400	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.400	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	1.60	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	1.60	"								
Perfluoro-n-butanoic acid (PFBA)	ND	1.60	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.800	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.800	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.800	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.800	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.400	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	1.60	"								
HFPO-DA (Gen-X)	ND	1.60	"								
11CL-PF3OUdS	ND	1.60	"								
9CL-PF3ONS	ND	1.60	"								
ADONA	ND	1.60	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.400	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.400	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.00	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.00	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.00	"								
N-MeFOSE	ND	4.00	"								
N-MeFOSA	ND	0.400	"								
N-EtFOSE	ND	4.00	"								
N-EtFOSA	0.136	0.0400	"								
Surrogate: M3PFBS	*4.74*		*"*	*4.66*		*102*	*25-150*				
Surrogate: M5PFHxA	*5.67*		*"*	*5.00*		*113*	*25-150*				
Surrogate: M4PFHpA	*5.42*		*"*	*5.00*		*108*	*25-150*				
Surrogate: M3PFHxS	*5.83*		*"*	*4.74*		*123*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*5.39*		*"*	*5.00*		*108*	*25-150*				
Surrogate: M6PFDA	*2.67*		*"*	*2.50*		*107*	*25-150*				
Surrogate: M7PFUdA	*2.07*		*"*	*2.50*		*82.8*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31333 - EPA 1633 Prep											
Blank (BA31333-BLK1)											
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.86*		*ng/L*	*2.50*		*74.2*	*25-150*				
Surrogate: M2PFTeDA	*1.68*		*"*	*2.50*		*67.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*21.2*		*"*	*20.0*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*5.60*		*"*	*4.79*		*117*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*11.6*		*"*	*10.0*		*116*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.914*		*"*	*5.00*		*18.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*12.5*		*"*	*10.0*		*125*	*25-150*				
Surrogate: d5-N-EtFOSAA	*15.1*		*"*	*10.0*		*151*	*25-150*				
Surrogate: M2-6:2 FTS	*13.5*		*"*	*9.51*		*142*	*25-200*				
Surrogate: M2-8:2 FTS	*16.1*		*"*	*9.60*		*168*	*25-200*				
Surrogate: M9PFNA	*2.39*		*"*	*2.50*		*95.7*	*25-150*				
Surrogate: M2-4:2 FTS	*9.26*		*"*	*9.38*		*98.8*	*25-150*				
Surrogate: d-N-MeFOSA	*1.20*		*"*	*5.00*		*24.0*	*25-150*				
Surrogate: d-N-EtFOSA	*2.07*		*"*	*5.00*		*41.5*	*25-150*				
Surrogate: M3HFPO-DA	*21.0*		*"*	*20.0*		*105*	*25-150*				
Surrogate: d9-N-EtFOSE	*13.4*		*"*	*50.0*		*26.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.5*		*"*	*50.0*		*21.0*	*25-150*				
LCS (BA31333-BS1)											
Perfluorobutanesulfonic acid (PFBS)	68.6	4.00	ng/L	70.8		96.9	50-150				
Perfluorohexanoic acid (PFHxA)	77.2	4.00	"	80.0		96.5	50-150				
Perfluoroheptanoic acid (PFHpA)	77.6	4.00	"	80.0		97.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	88.3	4.00	"	73.2		121	50-150				
Perfluorooctanoic acid (PFOA)	79.0	4.00	"	80.0		98.8	50-150				
Perfluorooctanesulfonic acid (PFOS)	70.7	4.00	"	74.4		95.0	50-150				
Perfluorononanoic acid (PFNA)	69.1	4.00	"	80.0		86.4	50-150				
Perfluorodecanoic acid (PFDA)	76.5	4.00	"	80.0		95.6	50-150				
Perfluoroundecanoic acid (PFUnA)	73.9	4.00	"	80.0		92.4	50-150				
Perfluorododecanoic acid (PFDoA)	72.5	4.00	"	80.0		90.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	78.9	4.00	"	80.0		98.6	50-150				
Perfluorotetradecanoic acid (PFTA)	77.7	4.00	"	80.0		97.2	50-150				
N-MeFOSAA	73.7	4.00	"	80.0		92.1	50-150				
N-EtFOSAA	75.7	4.00	"	80.0		94.7	50-150				
Perfluoropentanoic acid (PFPeA)	154	8.00	"	160		96.3	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	61.0	4.00	"	80.0		76.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	81.8	4.00	"	76.4		107	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	73.1	4.00	"	77.2		94.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	292	16.0	"	304		96.1	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	308	16.0	"	307		100	50-150				
Perfluoro-n-butanoic acid (PFBA)	301	16.0	"	320		94.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	152	8.00	"	142		107	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	93.9	8.00	"	160		58.7	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	178	8.00	"	160		111	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	162	8.00	"	160		101	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	71.0	4.00	"	75.2		94.4	50-150				

Prepared: 01/25/2023 Analyzed: 01/28/2023

Prepared: 01/25/2023 Analyzed: 01/28/2023

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31333 - EPA 1633 Prep											
LCS (BA31333-BS1)								Prepared: 01/25/2023 Analyzed: 01/28/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	282	16.0	ng/L	300		94.1	50-150				
HFPO-DA (Gen-X)	174	16.0	"	160		109	50-150				
11CL-PF3OUdS	160	16.0	"	151		106	50-150				
9CL-PF3ONS	180	16.0	"	150		120	50-150				
ADONA	190	16.0	"	151		125	50-150				
Perfluorododecanesulfonic acid (PFDoS)	68.4	4.00	"	77.6		88.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	83.3	4.00	"	76.8		109	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	419	10.0	"	320		131	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	2210	50.0	"	1600		138	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	1980	50.0	"	1600		124	50-150				
N-MeFOSE	762	40.0	"	800		95.3	50-150				
N-MeFOSA	74.5	4.00	"	80.0		93.1	50-150				
N-EtFOSE	790	40.0	"	800		98.7	50-150				
N-EtFOSA	76.7	0.400	"	80.0		95.8	50-150				
Surrogate: M3PFBS	*45.7*		"	*46.6*		*98.2*	*25-150*				
Surrogate: M5PFHxA	*56.4*		"	*50.0*		*113*	*25-150*				
Surrogate: M4PFHpA	*51.7*		"	*50.0*		*103*	*25-150*				
Surrogate: M3PFHxS	*52.4*		"	*47.4*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*51.7*		"	*50.0*		*103*	*25-150*				
Surrogate: M6PFDA	*26.8*		"	*25.0*		*107*	*25-150*				
Surrogate: M7PFUdA	*23.8*		"	*25.0*		*95.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*22.9*		"	*25.0*		*91.4*	*25-150*				
Surrogate: M2PFTeDA	*19.1*		"	*25.0*		*76.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*216*		"	*200*		*108*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*53.6*		"	*47.9*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*115*		"	*100*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*7.67*		"	*50.0*		*15.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*103*		"	*100*		*103*	*25-150*				
Surrogate: d5-N-EtFOSAA	*108*		"	*100*		*108*	*25-150*				
Surrogate: M2-6:2 FTS	*117*		"	*95.1*		*123*	*25-200*				
Surrogate: M2-8:2 FTS	*102*		"	*96.0*		*106*	*25-200*				
Surrogate: M9PFNA	*25.6*		"	*25.0*		*102*	*25-150*				
Surrogate: M2-4:2 FTS	*87.0*		"	*93.8*		*92.7*	*25-150*				
Surrogate: d-N-MeFOSA	*11.1*		"	*50.0*		*22.3*	*25-150*				
Surrogate: d-N-EtFOSA	*17.9*		"	*50.0*		*35.9*	*25-150*				
Surrogate: M3HFPO-DA	*196*		"	*200*		*97.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*108*		"	*500*		*21.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*90.9*		"	*500*		*18.2*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31333 - EPA 1633 Prep											
LCS (BA31333-BS2)								Prepared: 01/25/2023 Analyzed: 01/28/2023			
Perfluorobutanesulfonic acid (PFBS)	7.98	4.00	ng/L	7.08		113	50-150				
Perfluorohexanoic acid (PFHxA)	8.53	4.00	"	8.00		107	50-150				
Perfluoroheptanoic acid (PFHpA)	8.80	4.00	"	8.00		110	50-150				
Perfluorohexanesulfonic acid (PFHxS)	10.2	4.00	"	7.32		140	50-150				
Perfluorooctanoic acid (PFOA)	8.95	4.00	"	8.00		112	50-150				
Perfluorooctanesulfonic acid (PFOS)	8.16	4.00	"	7.44		110	50-150				
Perfluorononanoic acid (PFNA)	8.20	4.00	"	8.00		103	50-150				
Perfluorodecanoic acid (PFDA)	9.35	4.00	"	8.00		117	50-150				
Perfluoroundecanoic acid (PFUnA)	8.09	4.00	"	8.00		101	50-150				
Perfluorododecanoic acid (PFDoA)	8.20	4.00	"	8.00		103	50-150				
Perfluorotridecanoic acid (PFTrDA)	9.75	4.00	"	8.00		122	50-150				
Perfluorotetradecanoic acid (PFTA)	9.67	4.00	"	8.00		121	50-150				
N-MeFOSAA	8.15	4.00	"	8.00		102	50-150				
N-EtFOSAA	7.64	4.00	"	8.00		95.5	50-150				
Perfluoropentanoic acid (PFPeA)	17.5	8.00	"	16.0		109	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	8.60	4.00	"	8.00		108	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	8.68	4.00	"	7.64		114	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	8.48	4.00	"	7.72		110	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	33.9	16.0	"	30.4		112	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	35.9	16.0	"	30.7		117	50-150				
Perfluoro-n-butanoic acid (PFBA)	33.4	16.0	"	32.0		104	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	17.9	8.00	"	14.2		126	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	12.4	8.00	"	16.0		77.6	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	19.7	8.00	"	16.0		123	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	18.2	8.00	"	16.0		114	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	8.04	4.00	"	7.52		107	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	35.6	16.0	"	30.0		119	50-150				
HFPO-DA (Gen-X)	16.8	16.0	"	16.0		105	50-150				
11CL-PF3OUdS	14.9	16.0	"	15.1		98.5	50-150				
9CL-PF3ONS	20.1	16.0	"	15.0		134	50-150				
ADONA	20.2	16.0	"	15.1		134	50-150				
Perfluorododecanesulfonic acid (PFDoS)	4.88	4.00	"	7.76		62.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	8.41	4.00	"	7.68		110	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	41.5	10.0	"	32.0		130	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	252	50.0	"	160		157	50-150	High Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	229	50.0	"	160		143	50-150				
N-MeFOSE	84.1	40.0	"	80.0		105	50-150				
N-MeFOSA	10.6	4.00	"	8.00		132	50-150				
N-EtFOSE	97.2	40.0	"	80.0		122	50-150				
N-EtFOSA	9.87	0.400	"	8.00		123	50-150				
Surrogate: M3PFBS	*44.3*		"	*46.6*		*95.1*	*25-150*				
Surrogate: M5PFHxA	*51.2*		"	*50.0*		*102*	*25-150*				
Surrogate: M4PFHpA	*50.8*		"	*50.0*		*102*	*25-150*				
Surrogate: M3PFHxS	*52.5*		"	*47.4*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*47.9*		"	*50.0*		*95.7*	*25-150*				
Surrogate: M6PFDA	*24.9*		"	*25.0*		*99.6*	*25-150*				
Surrogate: M7PFUdA	*22.5*		"	*25.0*		*89.9*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31333 - EPA 1633 Prep											
LCS (BA31333-BS2)											
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*19.1*		*ng/L*	*25.0*		*76.4*	*25-150*				
Surrogate: M2PFTeDA	*14.3*		*"*	*25.0*		*57.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*209*		*"*	*200*		*104*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*53.4*		*"*	*47.9*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*111*		*"*	*100*		*111*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*10.5*		*"*	*50.0*		*21.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*96.2*		*"*	*100*		*96.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*100*		*"*	*100*		*100*	*25-150*				
Surrogate: M2-6:2 FTS	*113*		*"*	*95.1*		*119*	*25-200*				
Surrogate: M2-8:2 FTS	*92.2*		*"*	*96.0*		*96.1*	*25-200*				
Surrogate: M9PFNA	*26.1*		*"*	*25.0*		*104*	*25-150*				
Surrogate: M2-4:2 FTS	*79.7*		*"*	*93.8*		*85.0*	*25-150*				
Surrogate: d-N-MeFOSA	*14.5*		*"*	*50.0*		*28.9*	*25-150*				
Surrogate: d-N-EtFOSA	*16.0*		*"*	*50.0*		*32.1*	*25-150*				
Surrogate: M3HFPO-DA	*188*		*"*	*200*		*94.0*	*25-150*				
Surrogate: d9-N-EtFOSE	*156*		*"*	*500*		*31.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*151*		*"*	*500*		*30.2*	*25-150*				
Duplicate (BA31333-DUP1)	*Source sample: 23A1188-01 (MW-5)										
Perfluorobutanesulfonic acid (PFBS)	9.83	3.81	ng/L		13.8				33.5	30	Non-dir.
Perfluorohexanoic acid (PFHxA)	40.5	3.81	"		42.6				4.95	30	
Perfluoroheptanoic acid (PFHpA)	37.7	3.81	"		40.0				5.77	30	
Perfluorohexanesulfonic acid (PFHxS)	5.40	3.81	"		5.18				4.24	30	
Perfluorooctanoic acid (PFOA)	50.5	3.81	"		49.8				1.36	30	
Perfluorooctanesulfonic acid (PFOS)	72.5	3.81	"		82.5				13.0	30	
Perfluorononanoic acid (PFNA)	10.8	3.81	"		14.0				25.6	30	
Perfluorodecanoic acid (PFDA)	4.21	3.81	"		4.30				2.04	30	
Perfluoroundecanoic acid (PFUnA)	ND	3.81	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	3.81	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	3.81	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	3.81	"		ND					30	
N-MeFOSAA	ND	3.81	"		ND					30	
N-EtFOSAA	ND	3.81	"		ND					30	
Perfluoropentanoic acid (PFPeA)	45.2	7.63	"		48.2				6.40	30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	3.81	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	3.81	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	3.81	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	15.3	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	15.3	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	21.6	15.3	"		21.8				0.669	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	7.63	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	7.63	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	7.63	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	7.63	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	3.81	"		ND					30	

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31333 - EPA 1633 Prep											
Duplicate (BA31333-DUP1)	*Source sample: 23A1188-01 (MW-5)								Prepared: 01/25/2023 Analyzed: 01/28/2023		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	15.3	ng/L		ND					30	
HFPO-DA (Gen-X)	ND	15.3	"		ND					30	
11CL-PF3OUdS	ND	15.3	"		ND					30	
9CL-PF3ONS	ND	15.3	"		ND					30	
ADONA	ND	15.3	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	3.81	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	3.81	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	5.38	9.54	"		9.08				51.3	30	Non-dir.
3-Perfluoropentyl propanoic acid (FPePA)	ND	47.7	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	47.7	"		ND					30	
N-MeFOSE	ND	38.1	"		ND					30	
N-MeFOSA	ND	3.81	"		ND					30	
N-EtFOSE	ND	38.1	"		ND					30	
N-EtFOSA	ND	0.381	"		ND					30	
Surrogate: M3PFBS	*50.1*		"	*44.4*		*113*	*25-150*				
Surrogate: M5PFHxA	*55.8*		"	*47.7*		*117*	*25-150*				
Surrogate: M4PFHpA	*54.9*		"	*47.7*		*115*	*25-150*				
Surrogate: M3PFHxS	*60.6*		"	*45.2*		*134*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*52.3*		"	*47.7*		*110*	*25-150*				
Surrogate: M6PFDA	*23.1*		"	*23.8*		*97.0*	*25-150*				
Surrogate: M7PFUdA	*19.5*		"	*23.8*		*81.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*14.7*		"	*23.8*		*61.8*	*25-150*				
Surrogate: M2PFTeDA	*12.8*		"	*23.8*		*53.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*180*		"	*191*		*94.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*56.1*		"	*45.7*		*123*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*132*		"	*95.4*		*138*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*47.6*		"	*47.7*		*99.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*86.8*		"	*95.4*		*91.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*87.5*		"	*95.4*		*91.8*	*25-150*				
Surrogate: M2-6:2 FTS	*155*		"	*90.7*		*170*	*25-200*				
Surrogate: M2-8:2 FTS	*104*		"	*91.6*		*114*	*25-200*				
Surrogate: M9PFNA	*28.1*		"	*23.8*		*118*	*25-150*				
Surrogate: M2-4:2 FTS	*202*		"	*89.5*		*226*	*25-150*				
Surrogate: d-N-MeFOSA	*30.2*		"	*47.7*		*63.4*	*25-150*				
Surrogate: d-N-EtFOSA	*29.9*		"	*47.7*		*62.7*	*25-150*				
Surrogate: M3HFPO-DA	*189*		"	*191*		*98.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*291*		"	*477*		*61.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*236*		"	*477*		*49.6*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30100 - EPA SW846-3510C Low Level											
Blank (BB30100-BLK1)									Prepared: 02/02/2023 Analyzed: 02/03/2023		
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	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.0777*		*"*	*0.200*		*38.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.115*		*"*	*0.200*		*57.4*	*30-150*				
LCS (BB30100-BS1)									Prepared: 02/02/2023 Analyzed: 02/03/2023		
4,4'-DDD	0.0725	0.00400	ug/L	0.100		72.5	40-140			20	
4,4'-DDE	0.0697	0.00400	"	0.100		69.7	40-140			20	
4,4'-DDT	0.0710	0.00400	"	0.100		71.0	40-140			20	
Aldrin	0.0608	0.00400	"	0.100		60.8	40-140			20	
alpha-BHC	0.0599	0.00400	"	0.100		59.9	40-140			20	
alpha-Chlordane	0.0705	0.00400	"	0.100		70.5	40-140			20	
beta-BHC	0.0856	0.00400	"	0.100		85.6	40-140			20	
delta-BHC	0.0735	0.00400	"	0.100		73.5	40-140			20	
Dieldrin	0.0761	0.00200	"	0.100		76.1	40-140			20	
Endosulfan I	0.0733	0.00400	"	0.100		73.3	40-140			20	
Endosulfan II	0.0750	0.00400	"	0.100		75.0	40-140			20	
Endosulfan sulfate	0.0743	0.00400	"	0.100		74.3	40-140			20	
Endrin	0.0768	0.00400	"	0.100		76.8	40-140			20	
Endrin aldehyde	0.0881	0.0100	"	0.100		88.1	40-140			20	
Endrin ketone	0.0786	0.0100	"	0.100		78.6	40-140			20	
gamma-BHC (Lindane)	0.0657	0.00400	"	0.100		65.7	40-140			20	
gamma-Chlordane	0.0695	0.0100	"	0.100		69.5	40-140			20	
Heptachlor	0.0684	0.00400	"	0.100		68.4	40-140			20	
Heptachlor epoxide	0.0755	0.00400	"	0.100		75.5	40-140			20	
Methoxychlor	0.0784	0.00400	"	0.100		78.4	40-140			20	
Surrogate: Decachlorobiphenyl	*0.0790*		*"*	*0.200*		*39.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.137*		*"*	*0.200*		*68.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30100 - EPA SW846-3510C Low Level											
Matrix Spike (BB30100-MS1)	*Source sample: 23A1188-01 (MW-5)								Prepared: 02/02/2023 Analyzed: 02/03/2023		
4,4'-DDD	0.177	0.0100	ug/L	0.250	ND	70.8	30-150			20	
4,4'-DDE	0.161	0.0100	"	0.250	ND	64.2	30-150			20	
4,4'-DDT	0.171	0.0100	"	0.250	ND	68.3	30-150			20	
Aldrin	0.126	0.0100	"	0.250	ND	50.3	30-150			20	
alpha-BHC	0.134	0.0100	"	0.250	ND	53.7	30-150			20	
alpha-Chlordane	0.161	0.0100	"	0.250	ND	64.3	30-150			20	
beta-BHC	0.209	0.0100	"	0.250	ND	83.5	30-150			20	
delta-BHC	0.150	0.0100	"	0.250	ND	60.2	30-150			20	
Dieldrin	0.174	0.00500	"	0.250	ND	69.4	30-150			20	
Endosulfan I	0.166	0.0100	"	0.250	ND	66.6	30-150			20	
Endosulfan II	0.176	0.0100	"	0.250	ND	70.3	30-150			20	
Endosulfan sulfate	0.178	0.0100	"	0.250	ND	71.1	30-150			20	
Endrin	0.176	0.0100	"	0.250	ND	70.5	30-150			20	
Endrin aldehyde	0.196	0.0250	"	0.250	ND	78.2	30-150			20	
Endrin ketone	0.181	0.0250	"	0.250	ND	72.5	30-150			20	
gamma-BHC (Lindane)	0.147	0.0100	"	0.250	ND	58.7	30-150			20	
gamma-Chlordane	0.161	0.0250	"	0.250	ND	64.4	30-150			20	
Heptachlor	0.145	0.0100	"	0.250	ND	58.1	30-150			20	
Heptachlor epoxide	0.172	0.0100	"	0.250	ND	68.8	30-150			20	
Methoxychlor	0.185	0.0100	"	0.250	ND	73.8	30-150			20	
Surrogate: Decachlorobiphenyl	*0.436*		*"*	*0.500*		*87.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.453*		*"*	*0.500*		*90.6*	*30-150*				
Matrix Spike Dup (BB30100-MSD1)	*Source sample: 23A1188-01 (MW-5)								Prepared: 02/02/2023 Analyzed: 02/03/2023		
4,4'-DDD	0.213	0.0100	ug/L	0.250	ND	85.1	30-150		18.4	20	
4,4'-DDE	0.192	0.0100	"	0.250	ND	76.9	30-150		18.0	20	
4,4'-DDT	0.206	0.0100	"	0.250	ND	82.3	30-150		18.5	20	
Aldrin	0.155	0.0100	"	0.250	ND	62.0	30-150		20.9	20	Non-dir.
alpha-BHC	0.171	0.0100	"	0.250	ND	68.2	30-150		23.8	20	Non-dir.
alpha-Chlordane	0.196	0.0100	"	0.250	ND	78.5	30-150		20.0	20	
beta-BHC	0.250	0.0100	"	0.250	ND	100	30-150		17.9	20	
delta-BHC	0.185	0.0100	"	0.250	ND	74.2	30-150		20.9	20	Non-dir.
Dieldrin	0.216	0.00500	"	0.250	ND	86.6	30-150		22.0	20	Non-dir.
Endosulfan I	0.204	0.0100	"	0.250	ND	81.4	30-150		20.0	20	
Endosulfan II	0.210	0.0100	"	0.250	ND	84.0	30-150		17.7	20	
Endosulfan sulfate	0.220	0.0100	"	0.250	ND	88.0	30-150		21.3	20	Non-dir.
Endrin	0.217	0.0100	"	0.250	ND	86.9	30-150		20.8	20	Non-dir.
Endrin aldehyde	0.299	0.0250	"	0.250	ND	120	30-150		41.9	20	Non-dir.
Endrin ketone	0.226	0.0250	"	0.250	ND	90.5	30-150		22.1	20	Non-dir.
gamma-BHC (Lindane)	0.180	0.0100	"	0.250	ND	71.9	30-150		20.2	20	Non-dir.
gamma-Chlordane	0.195	0.0250	"	0.250	ND	78.2	30-150		19.4	20	
Heptachlor	0.181	0.0100	"	0.250	ND	72.4	30-150		21.8	20	Non-dir.
Heptachlor epoxide	0.209	0.0100	"	0.250	ND	83.5	30-150		19.3	20	
Methoxychlor	0.233	0.0100	"	0.250	ND	93.2	30-150		23.2	20	Non-dir.
Surrogate: Decachlorobiphenyl	*0.444*		*"*	*0.500*		*88.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.506*		*"*	*0.500*		*101*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31372 - EPA SW846-3510C Low Level											
Blank (BA31372-BLK2)									Prepared: 01/26/2023 Analyzed: 01/27/2023		
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	*0.210*		"	*0.200*		*105*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.174*		"	*0.200*		*87.0*	*30-150*				
LCS (BA31372-BS2)									Prepared: 01/26/2023 Analyzed: 01/27/2023		
Aroclor 1016	0.620	0.0500	ug/L	1.00		62.0	40-120			20	
Aroclor 1260	0.683	0.0500	"	1.00		68.3	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.165*		"	*0.200*		*82.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.150*		"	*0.200*		*75.0*	*30-150*				
Matrix Spike (BA31372-MS1)	*Source sample: 23A1172-03 (Matrix Spike)								Prepared: 01/26/2023 Analyzed: 01/27/2023		
Aroclor 1016	0.641	0.167	ug/L	3.33	ND	19.2	40-140	Low Bias		20	
Aroclor 1260	1.10	0.167	"	3.33	ND	32.9	40-140	Low Bias		20	
Surrogate: Tetrachloro-m-xylene	*0.640*		"	*0.667*		*96.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.393*		"	*0.667*		*59.0*	*30-150*				
Matrix Spike Dup (BA31372-MSD1)	*Source sample: 23A1172-03 (Matrix Spike Dup)								Prepared: 01/26/2023 Analyzed: 01/27/2023		
Aroclor 1016	0.695	0.167	ug/L	3.33	ND	20.8	40-140	Low Bias	8.09	20	
Aroclor 1260	1.10	0.167	"	3.33	ND	33.0	40-140	Low Bias	0.304	20	
Surrogate: Tetrachloro-m-xylene	*0.657*		"	*0.667*		*98.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.370*		"	*0.667*		*55.5*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31445 - EPA SW846-3510C Low Level											
Blank (BA31445-BLK2)									Prepared: 01/27/2023 Analyzed: 01/31/2023		
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	*0.161*		"	*0.200*		*80.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.125*		"	*0.200*		*62.5*	*30-150*				
LCS (BA31445-BS2)									Prepared: 01/27/2023 Analyzed: 01/31/2023		
Aroclor 1016	0.958	0.0500	ug/L	1.00		95.8	40-120			20	
Aroclor 1260	0.852	0.0500	"	1.00		85.2	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.206*		"	*0.200*		*103*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.158*		"	*0.200*		*79.0*	*30-150*				
Matrix Spike (BA31445-MS2)	*Source sample: 23A1188-01 (MW-5)								Prepared: 01/27/2023 Analyzed: 01/31/2023		
Aroclor 1016	1.13	0.0645	ug/L	1.29	ND	87.7	40-140			20	
Aroclor 1260	1.13	0.0645	"	1.29	ND	87.3	40-140			20	
Surrogate: Tetrachloro-m-xylene	*0.275*		"	*0.258*		*106*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.232*		"	*0.258*		*90.0*	*30-150*				
Matrix Spike Dup (BA31445-MSD2)	*Source sample: 23A1188-01 (MW-5)								Prepared: 01/27/2023 Analyzed: 02/01/2023		
Aroclor 1016	0.926	0.0541	ug/L	1.08	ND	85.6	40-140		20.1	20	Non-dir.
Aroclor 1260	0.965	0.0541	"	1.08	ND	89.2	40-140		15.5	20	
Surrogate: Tetrachloro-m-xylene	*0.173*		"	*0.216*		*80.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.161*		"	*0.216*		*74.5*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31356 - EPA 3015A											
Blank (BA31356-BLK1)											Prepared: 01/26/2023 Analyzed: 01/27/2023
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	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	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BA31356-BS1)											Prepared: 01/26/2023 Analyzed: 01/27/2023
Aluminum	1.73		ug/mL	2.00		86.4	80-120				
Barium	2.02		"	2.00		101	80-120				
Calcium	0.940		"	1.00		94.0	80-120				
Chromium	0.194		"	0.200		97.2	80-120				
Cobalt	0.511		"	0.500		102	80-120				
Copper	0.261		"	0.250		104	80-120				
Iron	1.03		"	1.00		103	80-120				
Lead	0.519		"	0.500		104	80-120				
Magnesium	0.957		"	1.00		95.7	80-120				
Manganese	0.502		"	0.500		100	80-120				
Nickel	0.498		"	0.500		99.5	80-120				
Potassium	0.958		"	1.00		95.8	80-120				
Silver	0.0510		"	0.0500		102	80-120				
Sodium	0.655		"	1.00		65.5	80-120	Low Bias			
Vanadium	0.484		"	0.500		96.9	80-120				
Zinc	0.491		"	0.500		98.3	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31356 - EPA 3015A											
Duplicate (BA31356-DUP1)	*Source sample: 23A1188-01 (MW-5)								Prepared: 01/26/2023 Analyzed: 01/27/2023		
Aluminum	0.0635	0.0556	mg/L		0.0629				1.02	20	
Barium	0.250	0.0278	"		0.260				4.25	20	
Calcium	121	0.0556	"		126				3.89	20	
Chromium	ND	0.00556	"		ND					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	0.0263	0.0222	"		0.0271				3.12	20	
Iron	ND	0.278	"		ND					20	
Lead	ND	0.00556	"		ND					20	
Magnesium	17.6	0.0556	"		18.5				4.84	20	
Manganese	0.0429	0.00556	"		0.0441				2.74	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	13.1	0.0556	"		13.6				4.30	20	
Silver	ND	0.00556	"		ND					20	
Sodium	890	0.556	"		924				3.78	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	0.0365	0.0278	"		0.0460				23.1	20	Non-dir.
Matrix Spike (BA31356-MS1)	*Source sample: 23A1188-01 (MW-5)								Prepared: 01/26/2023 Analyzed: 01/27/2023		
Aluminum	2.21	0.0556	mg/L	2.22	0.0629	96.6	75-125				
Barium	2.34	0.0278	"	2.22	0.260	93.7	75-125				
Calcium	122	0.0556	"	1.11	126	NR	75-125	Low Bias			
Chromium	0.206	0.00556	"	0.222	ND	92.7	75-125				
Cobalt	0.516	0.00444	"	0.556	ND	92.9	75-125				
Copper	0.313	0.0222	"	0.278	0.0271	103	75-125				
Iron	1.13	0.278	"	1.11	ND	101	75-125				
Lead	0.521	0.00556	"	0.556	ND	93.7	75-125				
Magnesium	18.6	0.0556	"	1.11	18.5	6.61	75-125	Low Bias			
Manganese	0.555	0.00556	"	0.556	0.0441	91.9	75-125				
Nickel	0.543	0.0111	"	0.556	ND	97.7	75-125				
Potassium	14.0	0.0556	"	1.11	13.6	33.7	75-125	Low Bias			
Silver	0.0506	0.00556	"	0.0556	ND	91.0	75-125				
Sodium	882	0.556	"	1.11	924	NR	75-125	Low Bias			
Vanadium	0.523	0.0111	"	0.556	ND	94.1	75-125				
Zinc	0.563	0.0278	"	0.556	0.0460	93.1	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31356 - EPA 3015A											
Post Spike (BA31356-PS1)	*Source sample: 23A1188-01 (MW-5)							Prepared: 01/26/2023 Analyzed: 01/27/2023			
Aluminum	2.19		ug/mL	2.00	0.0566	107	75-125				
Barium	2.29		"	2.00	0.234	103	75-125				
Calcium	115		"	1.00	113	194	75-125	High Bias			
Chromium	0.200		"	0.200	0.00419	97.7	75-125				
Cobalt	0.505		"	0.500	0.000930	101	75-125				
Copper	0.306		"	0.250	0.0244	113	75-125				
Iron	1.09		"	1.00	0.127	96.1	75-125				
Lead	0.485		"	0.500	-0.00824	97.0	75-125				
Magnesium	17.8		"	1.00	16.6	114	75-125				
Manganese	0.544		"	0.500	0.0397	101	75-125				
Nickel	0.530		"	0.500	0.00895	104	75-125				
Potassium	13.4		"	1.00	12.3	117	75-125				
Silver	0.0444		"	0.0500	0.00152	85.7	75-125				
Sodium	851		"	1.00	832	NR	75-125	High Bias			
Vanadium	0.512		"	0.500	0.00270	102	75-125				
Zinc	0.554		"	0.500	0.0414	102	75-125				
Batch BA31394 - EPA 3015A											
Blank (BA31394-BLK1)								Prepared & Analyzed: 01/26/2023			
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	0.100	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31394 - EPA 3015A											
LCS (BA31394-BS1)							Prepared & Analyzed: 01/26/2023				
Aluminum - Dissolved	2.32		ug/mL	2.00		116	80-120				
Barium - Dissolved	2.07		"	2.00		104	80-120				
Calcium - Dissolved	0.962		"	1.00		96.2	80-120				
Chromium - Dissolved	0.203		"	0.200		102	80-120				
Cobalt - Dissolved	0.533		"	0.500		107	80-120				
Copper - Dissolved	0.266		"	0.250		106	80-120				
Iron - Dissolved	1.08		"	1.00		108	80-120				
Lead - Dissolved	0.538		"	0.500		108	80-120				
Magnesium - Dissolved	1.03		"	1.00		103	80-120				
Manganese - Dissolved	0.523		"	0.500		105	80-120				
Nickel - Dissolved	0.513		"	0.500		103	80-120				
Potassium - Dissolved	0.939		"	1.00		93.9	80-120				
Silver - Dissolved	0.0487		"	0.0500		97.4	80-120				
Sodium - Dissolved	0.532		"	1.00		53.2	80-120	Low Bias			
Vanadium - Dissolved	0.506		"	0.500		101	80-120				
Zinc - Dissolved	0.520		"	0.500		104	80-120				
Duplicate (BA31394-DUP1)	*Source sample: 23A1188-01 (MW-5)						Prepared & Analyzed: 01/26/2023				
Aluminum - Dissolved	0.109	0.0556	mg/L		0.0878				21.7	20	Non-dir.
Barium - Dissolved	0.265	0.0278	"		0.234				12.5	20	
Calcium - Dissolved	115	0.0556	"		113				2.10	20	
Chromium - Dissolved	ND	0.00556	"		ND					20	
Cobalt - Dissolved	ND	0.00444	"		ND					20	
Copper - Dissolved	0.0309	0.0222	"		0.0265				15.6	20	
Iron - Dissolved	ND	0.278	"		ND					20	
Lead - Dissolved	ND	0.00556	"		ND					20	
Magnesium - Dissolved	20.1	0.0556	"		17.5				14.0	20	
Manganese - Dissolved	0.0435	0.00556	"		0.0393				10.1	20	
Nickel - Dissolved	ND	0.0111	"		ND					20	
Potassium - Dissolved	13.4	0.0556	"		13.0				2.82	20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	849	0.556	"		796				6.43	20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	0.0299	0.0278	"		0.0290				3.16	20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31394 - EPA 3015A											
Matrix Spike (BA31394-MS1)	*Source sample: 23A1188-01 (MW-5)							Prepared & Analyzed: 01/26/2023			
Aluminum - Dissolved	2.14	0.0556	mg/L	2.22	0.0878	92.1	75-125				
Barium - Dissolved	2.28	0.0278	"	2.22	0.234	92.1	75-125				
Calcium - Dissolved	113	0.0556	"	1.11	113	NR	75-125	Low Bias			
Chromium - Dissolved	0.204	0.00556	"	0.222	ND	91.9	75-125				
Cobalt - Dissolved	0.519	0.00444	"	0.556	ND	93.3	75-125				
Copper - Dissolved	0.300	0.0222	"	0.278	0.0265	98.4	75-125				
Iron - Dissolved	1.04	0.278	"	1.11	ND	93.5	75-125				
Lead - Dissolved	0.518	0.00556	"	0.556	ND	93.2	75-125				
Magnesium - Dissolved	18.4	0.0556	"	1.11	17.5	78.8	75-125				
Manganese - Dissolved	0.546	0.00556	"	0.556	0.0393	91.1	75-125				
Nickel - Dissolved	0.537	0.0111	"	0.556	ND	96.6	75-125				
Potassium - Dissolved	14.0	0.0556	"	1.11	13.0	88.7	75-125				
Silver - Dissolved	0.0516	0.00556	"	0.0556	ND	92.8	75-125				
Sodium - Dissolved	821	0.556	"	1.11	796	NR	75-125	High Bias			
Vanadium - Dissolved	0.517	0.0111	"	0.556	ND	93.1	75-125				
Zinc - Dissolved	0.559	0.0278	"	0.556	0.0290	95.4	75-125				
Post Spike (BA31394-PS1)	*Source sample: 23A1188-01 (MW-5)							Prepared & Analyzed: 01/26/2023			
Aluminum - Dissolved	2.07		ug/mL	2.00	0.0790	99.7	75-125				
Barium - Dissolved	2.19		"	2.00	0.210	98.8	75-125				
Calcium - Dissolved	102		"	1.00	102	54.7	75-125	Low Bias			
Chromium - Dissolved	0.194		"	0.200	0.00209	95.8	75-125				
Cobalt - Dissolved	0.504		"	0.500	0.000891	101	75-125				
Copper - Dissolved	0.288		"	0.250	0.0238	106	75-125				
Iron - Dissolved	1.07		"	1.00	0.120	95.1	75-125				
Lead - Dissolved	0.478		"	0.500	-0.00482	95.5	75-125				
Magnesium - Dissolved	16.4		"	1.00	15.7	68.5	75-125	Low Bias			
Manganese - Dissolved	0.527		"	0.500	0.0354	98.3	75-125				
Nickel - Dissolved	0.522		"	0.500	0.00892	103	75-125				
Potassium - Dissolved	12.8		"	1.00	11.7	110	75-125				
Silver - Dissolved	0.0433		"	0.0500	-0.000860	86.6	75-125				
Sodium - Dissolved	734		"	1.00	717	NR	75-125	High Bias			
Vanadium - Dissolved	0.501		"	0.500	0.00235	99.6	75-125				
Zinc - Dissolved	0.545		"	0.500	0.0261	104	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31579 - EPA 3015A											
Blank (BA31579-BLK1)									Prepared: 01/30/2023 Analyzed: 02/01/2023		
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 (BA31579-BS1)									Prepared: 01/30/2023 Analyzed: 02/01/2023		
Antimony	45.1		ug/L	50.0		90.2	80-120				
Arsenic	50.1		"	50.0		100	80-120				
Beryllium	53.6		"	50.0		107	80-120				
Cadmium	46.9		"	50.0		93.8	80-120				
Selenium	54.8		"	50.0		110	80-120				
Thallium	59.7		"	50.0		119	80-120				
Duplicate (BA31579-DUP1)	*Source sample: 23A1188-01 (MW-5)								Prepared: 01/30/2023 Analyzed: 02/01/2023		
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	"		ND					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Selenium	ND	1.11	"		ND					20	
Thallium	ND	1.11	"		ND					20	
Matrix Spike (BA31579-MS1)	*Source sample: 23A1188-01 (MW-5)								Prepared: 01/30/2023 Analyzed: 02/01/2023		
Antimony	51.6		ug/L	50.0	-0.121	103	75-125				
Arsenic	54.5		"	50.0	-0.102	109	75-125				
Beryllium	40.4		"	50.0	-0.030	80.7	75-125				
Cadmium	50.3		"	50.0	-0.024	101	75-125				
Selenium	58.6		"	50.0	-0.300	117	75-125				
Thallium	70.1		"	50.0	-0.023	140	75-125	High Bias			

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30093 - EPA 3015A											
Blank (BB30093-BLK1)										Prepared: 02/02/2023 Analyzed: 02/03/2023	
Antimony - Dissolved	ND	1.11	ug/L								
Arsenic - Dissolved	ND	1.11	"								
Beryllium - Dissolved	ND	0.333	"								
Cadmium - Dissolved	ND	0.556	"								
Selenium - Dissolved	ND	1.11	"								
Thallium - Dissolved	ND	1.11	"								
LCS (BB30093-BS1)										Prepared: 02/02/2023 Analyzed: 02/03/2023	
Antimony - Dissolved	42.7		ug/L	50.0		85.4	80-120				
Arsenic - Dissolved	47.4		"	50.0		94.7	80-120				
Beryllium - Dissolved	52.8		"	50.0		106	80-120				
Cadmium - Dissolved	44.5		"	50.0		89.0	80-120				
Selenium - Dissolved	51.2		"	50.0		102	80-120				
Thallium - Dissolved	47.7		"	50.0		95.4	80-120				
Duplicate (BB30093-DUP1)	*Source sample: 23A1188-01 (MW-5)									Prepared: 02/02/2023 Analyzed: 02/03/2023	
Antimony - Dissolved	ND	1.11	ug/L		1.91					20	
Arsenic - Dissolved	ND	1.11	"		1.21					20	
Beryllium - Dissolved	ND	0.333	"		ND					20	
Cadmium - Dissolved	ND	0.556	"		ND					20	
Selenium - Dissolved	ND	1.11	"		2.17					20	
Thallium - Dissolved	ND	1.11	"		ND					20	
Matrix Spike (BB30093-MS1)	*Source sample: 23A1188-01 (MW-5)									Prepared: 02/02/2023 Analyzed: 02/03/2023	
Antimony - Dissolved	47.5		ug/L	50.0	1.72	91.5	75-125				
Arsenic - Dissolved	51.5		"	50.0	1.09	101	75-125				
Beryllium - Dissolved	42.9		"	50.0	0.007	85.8	75-125				
Cadmium - Dissolved	47.9		"	50.0	0.168	95.5	75-125				
Selenium - Dissolved	58.7		"	50.0	1.96	113	75-125				
Thallium - Dissolved	53.1		"	50.0	0.250	106	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31692 - EPA SW846-7470A											
Blank (BA31692-BLK1)								Prepared & Analyzed: 01/31/2023			
Mercury	ND	0.0002	mg/L								
LCS (BA31692-BS1)								Prepared & Analyzed: 01/31/2023			
Mercury	0.0020358	0.0002	mg/L	0.00200		102	80-120				
Duplicate (BA31692-DUP1)	*Source sample: 23A1188-01 (MW-5)							Prepared & Analyzed: 01/31/2023			
Mercury	ND	0.0002	mg/L		ND					20	
Matrix Spike (BA31692-MS1)	*Source sample: 23A1188-01 (MW-5)							Prepared & Analyzed: 01/31/2023			
Mercury	0.0020	0.0002	mg/L	0.00200	ND	98.6	75-125				
Batch BB30077 - EPA SW846-7470A											
Blank (BB30077-BLK1)								Prepared & Analyzed: 02/01/2023			
Mercury - Dissolved	ND	0.0002	mg/L								
LCS (BB30077-BS1)								Prepared & Analyzed: 02/01/2023			
Mercury - Dissolved	0.0020	0.0002	mg/L	0.00200		101	80-120				
Duplicate (BB30077-DUP1)	*Source sample: 23A1188-01 (MW-5)							Prepared & Analyzed: 02/01/2023			
Mercury - Dissolved	ND	0.0002	mg/L		ND					20	
Matrix Spike (BB30077-MS1)	*Source sample: 23A1188-01 (MW-5)							Prepared & Analyzed: 02/01/2023			
Mercury - Dissolved	0.0021	0.0002	mg/L	0.00200	ND	104	75-125				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31347 - Analysis Preparation											
Blank (BA31347-BLK1)								Prepared & Analyzed: 01/25/2023			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BA31347-BS1)								Prepared & Analyzed: 01/25/2023			
Chromium, Hexavalent	0.514	0.0100	mg/L	0.500		103	80-120				
Duplicate (BA31347-DUP1)	*Source sample: 23A1188-01 (MW-5)							Prepared & Analyzed: 01/25/2023			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BA31347-MS1)	*Source sample: 23A1188-01 (MW-5)							Prepared & Analyzed: 01/25/2023			
Chromium, Hexavalent	0.496	0.0100	mg/L	0.500	ND	99.2	75-125				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23A1188-01	MW-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A1188-02	MW-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A1188-03	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A1188-04	MW-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A1188-05	FB012523	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A1188-06	TB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) exceeded 110% of the expected value. Positive detections may be biased high.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
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.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control 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.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-PS	This Element exhibted recovery outside control limits for the Post Spike.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
PRES	Sample was received with no preservative and was preserved upon receipt at the laboratory. If for metals, the sample was allowed to sit for 18-24 hours before analysis.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
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.

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: Incorrect containers were provided to the client from the laboratory for the Total Metals analysis. A portion of the unpreserved volume was preserved w/Nitric Acid at the lab and Qualified.

YORK

Field Chain-of-Custody Record

Page 1 of 1

York Project No. 23A1188

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Vektor Consultants	SAME X	SAME X	315 Grand Concourse, Bronx, New York	RUSH-Same Day	Summary Report
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:	Purchase Order #	RUSH-Next Day	QA Report X
Phone: (347) 871-0750	Company:	Company:		RUSH-Two Day	CT RCP
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address:		RUSH-Three Day	CT RCP DQA/DUE Pkg
E-mail: ezgi@vektorconsultants.com			Samples from CT__NY X NJ__	RUSH-Four Day	NY ASP A Package
				Standard (5-7day) X	NY ASP B Package X
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS X
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (915)
					YORK Regulatory Comp Excel compared to
					OTHER

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.

Sampler Collected/Authorized By (Signature): David Klein

Name (printed)

Matrix Codes: S - soil; Other - specify; WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles: 8260 full TICs; 624 Stds Spec.; STARS list Nassau Co.; BTEX Suffolk Co.; MTBE Rockland; TCL list Other; TAGM list; CT RCP list; CT RCP list 524.2; Assess. only 502.2; Mahng only NJDEP list; App IX list SPLP w/TCLP; 8021B list

Semi Vols: 8270 or 625; STARS list; 8081 Pest; PP13 list; TAL; CT ETPH; CT 15 list; App. IX; TAGM list; Site Spec.; NJDEP list; Add; Air TO15 list; Air STARS; Air VPH; Air TICs; Methane; Ethane; TPH GRO; TPH DRO; TCL Organics; TAL Inorganics; Pest. TCL P; Full App. IX; PAC 8081 Pesticides; PAC 8082 PCBs; Dissolved; SPLP w/TCLP; SYSTEM Cations; SYSTEM Anions; TPH 504

Metals (1): B,CRAH; PP13 list; TAL; CT ETPH; NY 310-13; App. IX; TAGM list; Site Spec.; NJDEP list; Add; Air TO15 list; Air STARS; Air VPH; Air TICs; Methane; Ethane; 8081 Pest; TCLP Herb; SPLP w/TCLP; Add Pest; 8082 PCB

Misc. Org.: TPH GRO; TPH DRO; TCL Organics; TAL Inorganics; TPH 310-4; Air TO15 list; PAC 8081 Pesticides; PAC 8082 PCBs; Air STARS; Air VPH; Air TICs; SYSTEM Cations; SYSTEM Anions; TPH 504; Methane; Ethane

Full Libs: Pest. Full; TCL Organics; TAL Inorganics; Full App. IX; PAC 8081 Pesticides; PAC 8082 PCBs; Pest 8081 Dissolved; Pest 8081 SPLP w/TCLP; SYSTEM Cations; SYSTEM Anions

Sample Identification	Date-Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW-5	11/25/23 0915	GW	TCL VOCs, TCL SVOCs, PCBs, Pesticides, TAL Metals (filtered and unfiltered), hexavalent chromium, trivalent chromium, PFAS, and 1,4-dioxane	3x- 1L Ambers, 1- 500 ml amber, 2-250ml plastics, 1-250 ml plastic w/ HNO3, 3-40 ml VOAs w/ HCL, 2-250 ml plastics-PFAS
MW-MS	11/25/23 0920	GW	same as above	same as above
MW-MSD	11/25/23 0925	GW	"	"
MW-7	11/25/23 1125	GW	"	"
MW-4	11/25/23 1150	GW	"	"
MW-6	11/25/23 1330	GW	"	"
FB 01252323	11/25/23 1100	FB	TCL VOCs, TCL SVOCs, PCBs, Pesticides, TAL Metals (filtered and unfiltered), hexavalent chromium, trivalent chromium, PFAS, and 1,4-dioxane	4- 1L Ambers, 1- 500 ml amber, 2-250ml plastics, 1-250 ml plastic w/ HNO3, 3 4 ml VOAs w/ HCL, 2-250 ml
TB	-	TB	TCL VOCs	2-40 ml VOAs w/ HCL

Comments: MW-MS/MSD from MW-5

Preservation (check if applicable): ____ Ice; ____ Frozen; ____ HCl; ____ MeOH; ____ HNO_3; ____ H_2SO_4; ____ NaOH; ____ ZnAc; ____ Ascorbic Acid; ____ Other

Special Instructions: Field Filtered - Cations X

Samples Relinquished By: [signature] 11/25/23 1405; Samples Relinquished By: Neal Mahar 11/25/23 1405; Samples Received By: [signature] Date/Time 11/25/23 1500; Samples Received in LAB by: [signature] Date/Time 11/25/23 1925

Rec'd Victor D. York 11/25/24 15:00

Rec'd Neal Mahar 11/25/24 1925

Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 02/09/2023
Client Project ID: 315 Grand Concourse Bronx New York
York Project (SDG) No.: 23A1239

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: 02/09/2023
Client Project ID: 315 Grand Concourse Bronx New York
York Project (SDG) No.: 23A1239

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

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 January 26, 2023 and listed below. The project was identified as your project: **315 Grand Concourse Bronx 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
23A1239-01	MW-1	Water	01/26/2023	01/26/2023
23A1239-02	MW-3	Water	01/26/2023	01/26/2023
23A1239-03	MW-2	Water	01/26/2023	01/26/2023
23A1239-04	FB012623	Water	01/26/2023	01/26/2023
23A1239-05	Trip Blank	Water	01/25/2023	01/26/2023

General Notes for York Project (SDG) No.: 23A1239

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:** 02/09/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A1239-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 11:00 am	01/26/2023

VOA, 8260 LOW MASTER **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	0.216	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	ug/L	0.222	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND	QL-02	ug/L	0.138	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.460**	J	ug/L	0.310	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**19.4**		ug/L	0.421	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A1239-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 11:00 am	01/26/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	**2-Hexanone**	**1.63**		ug/L	0.320	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
108-10-1	**4-Methyl-2-pentanone**	**1.96**		ug/L	0.365	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
67-64-1	**Acetone**	**62.4**		ug/L	1.34	2.00	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	**Benzene**	**0.630**		ug/L	0.279	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	**Chloroform**	**7.33**		ug/L	0.243	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND	QL-02	ug/L	0.491	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND	QL-02	ug/L	0.146	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:48	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A1239-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 11:00 am	01/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.380**	J	ug/L	0.244	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
91-20-3	**Naphthalene**	**0.420**	J	ug/L	0.212	2.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND	QL-02	ug/L	0.341	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**37.2**	CCVE	ug/L	0.608	1.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-06-6	tert-Butylbenzene	ND	QL-02	ug/L	0.367	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
127-18-4	**Tetrachloroethylene**	**0.480**	J	ug/L	0.239	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
108-88-3	**Toluene**	**0.360**	J	ug/L	0.346	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:48 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A1239-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 11:00 am	01/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 12:48	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 12:48	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/01/2023 12:48	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*87.5 %*	*79-122*

SVOA, 8270 LOW MASTER

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:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A1239-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 11:00 am	01/26/2023

SVOA, 8270 LOW MASTER

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
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.26	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.05	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A1239-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 11:00 am	01/26/2023

SVOA, 8270 LOW MASTER

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
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.26	10.5	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH
2312-35-8	* Propargite	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09	01/30/2023 17:47	KH
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:47	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*32.0 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*21.9 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.3 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*84.4 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.9 %*	*30.7-106*

SVOA, 8270 SIM MASTER

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**	**1.31**		ug/L	0.0526	1	EPA 8270D SIM Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:04	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:04	KH
120-12-7	Anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:04	KH
1912-24-9	Atrazine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/30/2023 18:04	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:04	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:04	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:04	KH

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A1239-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 11:00 am	01/26/2023

SVOA, 8270 SIM MASTER

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
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 18:04	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 18:04	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.684**		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 18:04	KH
218-01-9	Chrysene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 18:04	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 18:04	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 18:04	KH
86-73-7	**Fluorene**	**0.0526**		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 18:04	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 18:04	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 18:04	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 18:04	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 18:04	KH
91-20-3	**Naphthalene**	**0.232**		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 18:04	KH
98-95-3	Nitrobenzene	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 18:04	KH
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 18:04	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 18:04	KH
85-01-8	**Phenanthrene**	**0.116**		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 18:04	KH
129-00-0	Pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 18:04	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**	**0.320**		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	01/31/2023 09:39	02/01/2023 11:36	RB

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*86.0 %*	*36.6-118*

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A1239-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 11:00 am	01/26/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**5.00**		ng/L	0.857	3.23	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**21.5**		ng/L	0.638	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**15.9**		ng/L	1.30	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**8.13**		ng/L	1.24	3.34	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**47.4**		ng/L	0.766	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**66.3**		ng/L	1.50	3.39	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
375-95-1	*** Perfluorononanoic acid (PFNA)**	**6.75**		ng/L	0.949	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
335-76-2	*** Perfluorodecanoic acid (PFDA)**	**5.15**		ng/L	1.37	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.06	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.61	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.35	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.26	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	1.44	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	1.88	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**17.7**		ng/L	0.420	7.30	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.61	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.66	3.48	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.41	3.52	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.93	13.9	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	3.74	14.0	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**20.7**		ng/L	0.602	14.6	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.912	6.49	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **23A1239-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 11:00 am	01/26/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.90	7.30	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.456	7.30	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.675	7.30	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
2706-91-4	*** Perfluoro-1-pentanesulfonate (PFPeS)**	**2.23**	J	ng/L	1.39	3.43	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	3.27	13.7	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	5.89	14.6	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	2.52	13.8	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	1.28	13.6	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
919005-14-4	* ADONA	ND		ng/L	0.967	13.8	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.70	3.54	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.57	3.50	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
356-02-5	*** 3-Perfluoropropyl propanoic acid (FPrPA)**	**17.1**		ng/L	3.70	9.12	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	13.4	45.6	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	17.3	45.6	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	7.28	36.5	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	2.88	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	7.28	36.5	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	3.28	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 14:49	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*104 %*	*25-150*
Surrogate: M5PFHxA	*117 %*	*25-150*
Surrogate: M4PFHpA	*109 %*	*25-150*
Surrogate: M3PFHxS	*116 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*108 %*	*25-150*
Surrogate: M6PFDA	*103 %*	*25-150*

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A1239-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 11:00 am	01/26/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M7PFUdA	*116 %*			*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*97.2 %*			*25-150*						
	Surrogate: M2PFTeDA	*87.0 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*82.9 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*121 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*131 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*102 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*97.0 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*106 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*144 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*95.7 %*			*25-200*						
	Surrogate: M9PFNA	*114 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*177 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*81.6 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*72.4 %*			*25-150*						
	Surrogate: M3HFPO-DA	*121 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*58.4 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*68.4 %*			*25-150*						

PEST, 8081 MASTER

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:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A1239-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 11:00 am	01/26/2023

PEST, 8081 MASTER

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
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:56	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	01/27/2023 08:02	02/03/2023 13:56	BJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/27/2023 08:02	02/03/2023 13:56	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.9 %*	*30-150*

PCB, 8082 MASTER

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:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 22:20	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 22:20	BJ

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A1239-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 11:00 am	01/26/2023

PCB, 8082 MASTER

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
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 22:20	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 22:20	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 22:20	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 22:20	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 22:20	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02	01/31/2023 22:20	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.0 %*	*30-150*

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**	**0.927**	B	mg/L	0.0556	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:11	CW
7440-39-3	**Barium**	**0.486**		mg/L	0.0278	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:11	CW
7440-70-2	**Calcium**	**154**	B	mg/L	0.0556	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:11	CW
7440-47-3	**Chromium**	**3.83**		mg/L	0.00556	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:11	CW
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:11	CW
7440-50-8	**Copper**	**0.0474**		mg/L	0.0222	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:11	CW
7439-89-6	**Iron**	**1.01**	B	mg/L	0.278	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:11	CW
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:11	CW
7439-95-4	**Magnesium**	**0.569**		mg/L	0.0556	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:11	CW
7439-96-5	**Manganese**	**0.0100**		mg/L	0.00556	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:11	CW
7440-02-0	**Nickel**	**0.200**		mg/L	0.0111	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:11	CW
7440-09-7	**Potassium**	**549**		mg/L	0.278	5	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/31/2023 11:39	CW

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A1239-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 11:00 am	01/26/2023

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
7440-22-4	**Silver**	**0.0630**		mg/L	0.00556	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:11	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**354**		mg/L	0.556	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:11	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:11	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:11	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

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**	**0.749**	B	mg/L	0.0556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:04	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.466**		mg/L	0.0278	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:04	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**160**		mg/L	0.0556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:04	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**3.74**		mg/L	0.00556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:04	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:04	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.0545**		mg/L	0.0222	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:04	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.768**		mg/L	0.278	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:04	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:04	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**0.456**		mg/L	0.0556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:04	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.00759**		mg/L	0.00556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:04	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.192**		mg/L	0.0111	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:04	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**538**		mg/L	0.278	5	EPA 6010D	02/01/2023 08:44	02/03/2023 17:33	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	**Silver**	**0.0631**		mg/L	0.00556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:04	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**364**		mg/L	0.556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:04	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:04	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:04	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A1239-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 11:00 am	01/26/2023

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	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 19:04	AJL
7440-38-2	**Arsenic**	**1.45**		ug/L	1.11	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 19:04	AJL
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 19:04	AJL
7440-43-9	**Cadmium**	**0.941**	M-CCV 1	ug/L	0.556	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 19:04	AJL
7782-49-2	**Selenium**	**9.99**		ug/L	1.11	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 19:04	AJL
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 19:04	AJL

Metals, Target Analyte, ICPMS Dissolved

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	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications:	02/02/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:22	AJL
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications:	02/02/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:22	AJL
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications:	02/02/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:22	AJL
7440-43-9	**Cadmium**	**0.784**		ug/L	0.556	1	EPA 6020B Certifications:	02/02/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:22	AJL
7782-49-2	**Selenium**	**13.5**	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications:	02/02/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:22	AJL
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications:	02/02/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:22	AJL

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:	01/31/2023 19:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/31/2023 19:27	AD

Mercury, Dissolved

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:	02/01/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 18:42	AD

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23A1239-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 11:00 am	01/26/2023

Chromium, Hexavalent

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
18540-29-9	**Chromium, Hexavalent**	**3.57**		mg/L	0.100	10	EPA 7196A	01/26/2023 19:33	01/26/2023 21:48	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Chromium, Trivalent

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
16065-83-1	*** Chromium, Trivalent**	**0.260**		mg/L	0.0100	1	Calculation	02/03/2023 07:27	02/03/2023 17:15	PAM
							Certifications:			

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A1239-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:40 am	01/26/2023

VOA, 8260 LOW MASTER

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	0.216	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 13:44	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 13:44	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 13:44	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 13:44	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 13:44	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 13:44	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 13:44	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	ug/L	0.222	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 13:44	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 13:44	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND	QL-02	ug/L	0.138	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 13:44	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.350**	J	ug/L	0.310	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 13:44	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A1239-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:40 am	01/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	**2-Butanone**	**2.74**		ug/L	0.421	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
591-78-6	**2-Hexanone**	**0.960**		ug/L	0.320	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
108-10-1	**4-Methyl-2-pentanone**	**0.570**		ug/L	0.365	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
67-64-1	**Acetone**	**32.2**		ug/L	1.34	2.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A1239-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:40 am	01/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
67-66-3	**Chloroform**	**4.12**		ug/L	0.243	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	JTG
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
110-82-7	Cyclohexane	ND	QL-02	ug/L	0.491	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
124-48-1	Dibromochloromethane	ND	QL-02	ug/L	0.146	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
91-20-3	**Naphthalene**	**0.400**	J	ug/L	0.212	2.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND	QL-02	ug/L	0.341	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A1239-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:40 am	01/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 13:44	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:44	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:44	JTG
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:44	JTG
75-65-0	**tert-Butyl alcohol (TBA)**	**12.7**	CCVE	ug/L	0.608	1.00	1	EPA 8260C Certifications:	02/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/01/2023 13:44	JTG
98-06-6	tert-Butylbenzene	ND	QL-02	ug/L	0.367	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:44	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:44	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:44	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:44	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:44	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:44	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:44	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 13:44	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/01/2023 13:44	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*88.0 %*	*79-122*

SVOA, 8270 LOW MASTER

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:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A1239-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:40 am	01/26/2023

SVOA, 8270 LOW MASTER

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
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.41	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A1239-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:40 am	01/26/2023

SVOA, 8270 LOW MASTER

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
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.08	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.41	10.8	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH
2312-35-8	* Propargite	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09	01/30/2023 18:17	KH
110-86-1	Pyridine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:17	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*28.6 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*18.2 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.7 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.4 %*	*39.9-105*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A1239-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:40 am	01/26/2023

SVOA, 8270 LOW MASTER

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
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*71.8 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.8 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

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**	**0.0649**		ug/L	0.0541	1	EPA 8270D SIM	01/27/2023 08:09	01/30/2023 18:36	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0541	1	EPA 8270D SIM	01/27/2023 08:09	01/30/2023 18:36	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	01/27/2023 08:09	01/30/2023 18:36	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.541	1	EPA 8270D SIM	01/27/2023 08:09	01/30/2023 18:36	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	01/27/2023 08:09	01/30/2023 18:36	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	01/27/2023 08:09	01/30/2023 18:36	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	01/27/2023 08:09	01/30/2023 18:36	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	1	EPA 8270D SIM	01/27/2023 08:09	01/30/2023 18:36	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	01/27/2023 08:09	01/30/2023 18:36	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.541	1	EPA 8270D SIM	01/27/2023 08:09	01/30/2023 18:36	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0541	1	EPA 8270D SIM	01/27/2023 08:09	01/30/2023 18:36	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	01/27/2023 08:09	01/30/2023 18:36	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	01/27/2023 08:09	01/30/2023 18:36	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.0757**		ug/L	0.0541	1	EPA 8270D SIM	01/27/2023 08:09	01/30/2023 18:36	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	1	EPA 8270D SIM	01/27/2023 08:09	01/30/2023 18:36	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	1	EPA 8270D SIM	01/27/2023 08:09	01/30/2023 18:36	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.541	1	EPA 8270D SIM	01/27/2023 08:09	01/30/2023 18:36	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	01/27/2023 08:09	01/30/2023 18:36	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.227**		ug/L	0.0541	1	EPA 8270D SIM	01/27/2023 08:09	01/30/2023 18:36	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A1239-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:40 am	01/26/2023

SVOA, 8270 SIM MASTER

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
98-95-3	Nitrobenzene	ND		ug/L	0.270	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 18:36	KH
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 18:36	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 18:36	KH
85-01-8	**Phenanthrene**	**0.119**		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 18:36	KH
129-00-0	Pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 18:36	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	01/31/2023 09:39	02/01/2023 11:53	RB

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*91.6 %*	*36.6-118*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**16.1**		ng/L	0.859	3.23	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**19.7**		ng/L	0.639	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**19.3**		ng/L	1.30	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**8.80**		ng/L	1.24	3.34	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**27.8**		ng/L	0.767	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**60.7**		ng/L	1.50	3.40	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
375-95-1	*** Perfluorononanoic acid (PFNA)**	**9.01**		ng/L	0.950	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
335-76-2	*** Perfluorodecanoic acid (PFDA)**	**7.63**		ng/L	1.37	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.06	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **23A1239-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:40 am	01/26/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.61	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.35	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.26	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	1.44	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	1.88	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.420	7.31	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.61	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.66	3.49	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.41	3.53	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.94	13.9	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	3.75	14.0	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
375-22-4	* **Perfluoro-n-butanoic acid (PFBA)**	**9.87**	J	ng/L	0.603	14.6	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.913	6.50	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.91	7.31	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.457	7.31	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.676	7.31	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	1.39	3.43	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	3.27	13.7	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	5.90	14.6	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	2.52	13.8	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	1.28	13.7	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
919005-14-4	* ADONA	ND		ng/L	0.968	13.8	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **23A1239-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:40 am	01/26/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.70	3.54	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.57	3.51	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	3.71	9.13	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
914637-49-3	*** 3-Perfluoropentyl propanoic acid (FPePA)**	**77.9**		ng/L	13.4	45.7	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
812-70-4	*** 3-Perfluoroheptyl propanoic acid (FHpPA)**	**118**		ng/L	17.3	45.7	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	7.29	36.5	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	2.89	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	7.29	36.5	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	3.29	3.65	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:21	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*0.769 %*	*25-150*
Surrogate: M5PFHxA	*1.10 %*	*25-150*
Surrogate: M4PFHpA	*2.07 %*	*25-150*
Surrogate: M3PFHxS	*4.60 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.06 %*	*25-150*
Surrogate: M6PFDA	*9.98 %*	*25-150*
Surrogate: M7PFUdA	*21.1 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*38.3 %*	*25-150*
Surrogate: M2PFTeDA	*79.1 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.750 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*11.3 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.289 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*4.29 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*24.6 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*32.3 %*	*25-150*
Surrogate: M2-6:2 FTS	*3.25 %*	*25-200*
Surrogate: M2-8:2 FTS	*10.5 %*	*25-200*
Surrogate: M9PFNA	*6.21 %*	*25-150*
Surrogate: M2-4:2 FTS	*0.693 %*	*25-150*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A1239-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:40 am	01/26/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d-N-MeFOSA	*6.54 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*19.6 %*			*25-150*						
	Surrogate: M3HFPO-DA	*1.44 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*25.9 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*23.4 %*			*25-150*						

PEST, 8081 MASTER

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:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A1239-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:40 am	01/26/2023

PEST, 8081 MASTER

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
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:14	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	01/27/2023 08:02	02/03/2023 14:14	BJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/27/2023 08:02	02/03/2023 14:14	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.5 %*	*30-150*

PCB, 8082 MASTER

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:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 22:34	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 22:34	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 22:34	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 22:34	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 22:34	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 22:34	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 22:34	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02	01/31/2023 22:34	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*36.5 %*	*30-150*

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-3 **York Sample ID:** 23A1239-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:40 am	01/26/2023

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1.47**	B	mg/L	0.0556	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0614**		mg/L	0.0278	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**33.4**	B	mg/L	0.0556	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.432**		mg/L	0.00556	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.578**	B	mg/L	0.278	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1.61**		mg/L	0.0556	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.00851**		mg/L	0.00556	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.0140**		mg/L	0.0111	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**32.2**		mg/L	0.0556	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	**Silver**	**0.00654**		mg/L	0.00556	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**107**		mg/L	0.556	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**0.0305**		mg/L	0.0111	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:13	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

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**	**0.802**	B	mg/L	0.0556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.0517**		mg/L	0.0278	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**34.4**		mg/L	0.0556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.370**		mg/L	0.00556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23A1239-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:40 am	01/26/2023

Metals, Target Analyte, ICP Dissolved

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
7439-89-6	**Iron**	**0.361**		mg/L	0.278	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1.35**		mg/L	0.0556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.00575**		mg/L	0.00556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.0184**		mg/L	0.0111	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**33.6**		mg/L	0.0556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	**Silver**	**0.00660**		mg/L	0.00556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**108**		mg/L	0.556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**0.0254**		mg/L	0.0111	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:07	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:07	CW
							Certifications:	CTDOH-PH-0723,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	M-CCV 1	ug/L	1.11	1	EPA 6020B	01/30/2023 10:14	02/01/2023 19:08	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**5.78**		ug/L	1.11	1	EPA 6020B	01/30/2023 10:14	02/01/2023 19:08	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	01/30/2023 10:14	02/01/2023 19:08	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B	01/30/2023 10:14	02/01/2023 19:08	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.63**		ug/L	1.11	1	EPA 6020B	01/30/2023 10:14	02/01/2023 19:08	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	01/30/2023 10:14	02/01/2023 19:08	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

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	M-CCV 1	ug/L	1.11	1	EPA 6020B	02/02/2023 15:24	02/03/2023 13:33	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **23A1239-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:40 am	01/26/2023

Metals, Target Analyte, ICPMS Dissolved

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
7440-38-2	**Arsenic**	**4.97**		ug/L	1.11	1	EPA 6020B	02/02/2023 15:24	02/03/2023 13:33	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	02/02/2023 15:24	02/03/2023 13:33	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	02/02/2023 15:24	02/03/2023 13:33	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**1.86**	M-CCV 1	ug/L	1.11	1	EPA 6020B	02/02/2023 15:24	02/03/2023 13:33	AJL
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	02/02/2023 15:24	02/03/2023 13:33	AJL
							Certifications:	CTDOH-PH-0723,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	01/31/2023 19:27	01/31/2023 19:27	AD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury, Dissolved

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	02/01/2023 18:42	02/01/2023 18:42	AD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

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
18540-29-9	**Chromium, Hexavalent**	**0.370**		mg/L	0.0100	1	EPA 7196A	01/26/2023 19:33	01/26/2023 21:48	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Chromium, Trivalent

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
16065-83-1	* **Chromium, Trivalent**	**0.0620**		mg/L	0.0100	1	Calculation	02/03/2023 07:27	02/03/2023 17:15	PAM
							Certifications:			

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **23A1239-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 12:00 pm	01/26/2023

VOA, 8260 LOW MASTER

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	0.216	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	ug/L	0.222	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND	QL-02	ug/L	0.138	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.400**	J	ug/L	0.310	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**14.8**		ug/L	0.421	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
591-78-6	**2-Hexanone**	**1.39**		ug/L	0.320	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 23A1239-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 12:00 pm	01/26/2023

VOA, 8260 LOW MASTER

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**	**1.36**		ug/L	0.365	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
67-64-1	**Acetone**	**54.7**		ug/L	1.34	2.00	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	**Benzene**	**0.370**	J	ug/L	0.279	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	**Chloroform**	**4.20**		ug/L	0.243	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND	QL-02	ug/L	0.491	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND	QL-02	ug/L	0.146	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 14:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 23A1239-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 12:00 pm	01/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	**Methyl acetate**	**3.28**		ug/L	0.442	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	**Naphthalene**	**0.460**	J	ug/L	0.212	2.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND	QL-02	ug/L	0.341	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	**tert-Butyl alcohol (TBA)**	**35.6**	CCVE	ug/L	0.608	1.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND	QL-02	ug/L	0.367	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	**Tetrachloroethylene**	**0.350**	J	ug/L	0.239	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 14:11	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 23A1239-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 12:00 pm	01/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 14:11	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/01/2023 14:11	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*89.4 %*	*79-122*

SVOA, 8270 LOW MASTER

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	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 23A1239-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 12:00 pm	01/26/2023

SVOA, 8270 LOW MASTER

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
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 23A1239-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 12:00 pm	01/26/2023

SVOA, 8270 LOW MASTER

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
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09	01/30/2023 18:47	KH
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 18:47	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*25.6 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*16.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.0 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.0 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.2 %*	*30.7-106*

SVOA, 8270 SIM MASTER

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**	**0.500**		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:08	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:08	KH
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:08	KH
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/30/2023 19:08	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:08	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:08	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:08	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:08	KH

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 23A1239-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 12:00 pm	01/26/2023

SVOA, 8270 SIM MASTER

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
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:08	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 19:08	KH
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:08	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:08	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:08	KH
86-73-7	**Fluorene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:08	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 19:08	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 19:08	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 19:08	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:08	KH
91-20-3	**Naphthalene**	**0.170**		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:08	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 19:08	KH
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 19:08	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 19:08	KH
85-01-8	**Phenanthrene**	**0.110**		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:08	KH
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:08	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	01/31/2023 09:39	02/01/2023 12:10	RB

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.8 %*	*36.6-118*

PFAS, EPA 1633 Target List

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

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **23A1239-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 12:00 pm	01/26/2023

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**4.51**		ng/L	0.860	3.24	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**12.8**		ng/L	0.640	3.66	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**13.4**		ng/L	1.30	3.66	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
355-46-4	*** Perfluorohexanesulfonic acid (PFHxS)**	**7.27**		ng/L	1.24	3.35	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**36.1**		ng/L	0.768	3.66	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**53.2**		ng/L	1.50	3.40	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
375-95-1	*** Perfluorononanoic acid (PFNA)**	**5.80**		ng/L	0.951	3.66	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
335-76-2	*** Perfluorodecanoic acid (PFDA)**	**3.84**		ng/L	1.37	3.66	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.07	3.66	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.61	3.66	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.35	3.66	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.26	3.66	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	1.45	3.66	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	1.88	3.66	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**15.0**		ng/L	0.421	7.32	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.61	3.66	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.66	3.49	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.41	3.53	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.94	13.9	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	3.75	14.0	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**17.0**		ng/L	0.604	14.6	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.915	6.51	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.91	7.32	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 23A1239-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 12:00 pm	01/26/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.457	7.32	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.677	7.32	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	1.39	3.44	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	3.27	13.7	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	5.91	14.6	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	2.52	13.8	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ng/L	1.28	13.7	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
919005-14-4	* ADONA	ND		ng/L	0.969	13.8	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.70	3.55	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.57	3.51	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
356-02-5	*** 3-Perfluoropropyl propanoic acid (FPrPA)**	**12.6**		ng/L	3.71	9.15	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	13.4	45.7	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	17.3	45.7	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	7.30	36.6	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	2.89	3.66	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	7.30	36.6	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	3.29	3.66	1	EPA 1633 Draft 2 Certifications:	02/07/2023 12:30	02/09/2023 15:37	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*108 %*	*25-150*
Surrogate: M5PFHxA	*124 %*	*25-150*
Surrogate: M4PFHpA	*114 %*	*25-150*
Surrogate: M3PFHxS	*130 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*124 %*	*25-150*
Surrogate: M6PFDA	*118 %*	*25-150*
Surrogate: M7PFUdA	*126 %*	*25-150*

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 23A1239-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 12:00 pm	01/26/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*108 %*			*25-150*						
	Surrogate: M2PFTeDA	*113 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*109 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*127 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*124 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*10.3 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*108 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*125 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*123 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*103 %*			*25-200*						
	Surrogate: M9PFNA	*117 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*140 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*17.5 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*26.5 %*			*25-150*						
	Surrogate: M3HFPO-DA	*123 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*19.7 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*14.0 %*			*25-150*						

PEST, 8081 MASTER

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:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 23A1239-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 12:00 pm	01/26/2023

PEST, 8081 MASTER

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
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ
76-44-8	**Heptachlor**	**0.00500**		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:32	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	01/27/2023 08:02	02/03/2023 14:32	BJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/27/2023 08:02	02/03/2023 14:32	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.2 %*	*30-150*

PCB, 8082 MASTER

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:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 22:48	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 22:48	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 22:48	BJ

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 23A1239-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 12:00 pm	01/26/2023

PCB, 8082 MASTER

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
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02	01/31/2023 22:48 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02	01/31/2023 22:48 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02	01/31/2023 22:48 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02	01/31/2023 22:48 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02	01/31/2023 22:48	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.0 %*	*30-150*

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**	**3.02**	B	mg/L	0.0556	1	EPA 6010D Certifications:	01/30/2023 08:25	01/30/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	CW
7440-39-3	**Barium**	**0.359**		mg/L	0.0278	1	EPA 6010D Certifications:	01/30/2023 08:25	01/30/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	CW
7440-70-2	**Calcium**	**182**	B	mg/L	0.0556	1	EPA 6010D Certifications:	01/30/2023 08:25	01/30/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	CW
7440-47-3	**Chromium**	**1.90**		mg/L	0.00556	1	EPA 6010D Certifications:	01/30/2023 08:25	01/30/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	CW
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications:	01/30/2023 08:25	01/30/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	CW
7440-50-8	**Copper**	**0.0448**		mg/L	0.0222	1	EPA 6010D Certifications:	01/30/2023 08:25	01/30/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	CW
7439-89-6	**Iron**	**2.08**	B	mg/L	0.278	1	EPA 6010D Certifications:	01/30/2023 08:25	01/30/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	CW
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/30/2023 08:25	01/30/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	CW
7439-95-4	**Magnesium**	**0.176**		mg/L	0.0556	1	EPA 6010D Certifications:	01/30/2023 08:25	01/30/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	CW
7439-96-5	**Manganese**	**0.0139**		mg/L	0.00556	1	EPA 6010D Certifications:	01/30/2023 08:25	01/30/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	CW
7440-02-0	**Nickel**	**0.0976**		mg/L	0.0111	1	EPA 6010D Certifications:	01/30/2023 08:25	01/30/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	CW
7440-09-7	**Potassium**	**377**		mg/L	0.278	5	EPA 6010D Certifications:	01/30/2023 08:25	01/31/2023 11:49 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	CW
7440-22-4	**Silver**	**0.0292**		mg/L	0.00556	1	EPA 6010D Certifications:	01/30/2023 08:25	01/30/2023 17:22 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	CW

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 23A1239-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 12:00 pm	01/26/2023

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
7440-23-5	**Sodium**	**266**		mg/L	0.556	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:22	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:22	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	01/30/2023 08:25	01/30/2023 17:22	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

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**	**2.24**	B	mg/L	0.0556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.336**		mg/L	0.0278	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**182**		mg/L	0.0556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**1.81**		mg/L	0.00556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.0938**		mg/L	0.0222	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**1.66**		mg/L	0.278	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**0.155**		mg/L	0.0556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.0118**		mg/L	0.00556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.0949**		mg/L	0.0111	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**386**		mg/L	0.278	5	EPA 6010D	02/01/2023 08:44	02/03/2023 17:36	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	**Silver**	**0.0288**		mg/L	0.00556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**264**		mg/L	0.556	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	02/01/2023 08:44	02/03/2023 15:10	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 23A1239-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 12:00 pm	01/26/2023

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	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 19:18	AJL
7440-38-2	**Arsenic**	**4.96**		ug/L	1.11	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 19:18	AJL
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 19:18	AJL
7440-43-9	**Cadmium**	**0.858**	M-CCV 1	ug/L	0.556	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 19:18	AJL
7782-49-2	**Selenium**	**6.98**		ug/L	1.11	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 19:18	AJL
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 19:18	AJL

Metals, Target Analyte, ICPMS Dissolved

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	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications:	02/02/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:36	AJL
7440-38-2	**Arsenic**	**3.12**		ug/L	1.11	1	EPA 6020B Certifications:	02/02/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:36	AJL
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications:	02/02/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:36	AJL
7440-43-9	**Cadmium**	**0.704**		ug/L	0.556	1	EPA 6020B Certifications:	02/02/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:36	AJL
7782-49-2	**Selenium**	**8.26**	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications:	02/02/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:36	AJL
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications:	02/02/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:36	AJL

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:	01/31/2023 19:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/31/2023 19:27	AD

Mercury, Dissolved

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:	02/01/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 18:42	AD

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 23A1239-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 12:00 pm	01/26/2023

Chromium, Hexavalent

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
18540-29-9	**Chromium, Hexavalent**	**0.0950**	HT-01R	mg/L	0.0100	1	EPA 7196A	01/26/2023 19:33	01/26/2023 21:48	NJO
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Chromium, Trivalent

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
16065-83-1	* **Chromium, Trivalent**	**1.80**		mg/L	0.0100	1	Calculation	02/03/2023 07:27	02/03/2023 17:15	PAM
							Certifications:			

Sample Information

Client Sample ID: FB012623 **York Sample ID:** 23A1239-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:00 am	01/26/2023

VOA, 8260 LOW MASTER

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	0.216	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	ug/L	0.222	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:22	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:22	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND	QL-02	ug/L	0.138	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:22	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	02/01/2023 06:25	02/01/2023 12:22	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: FB012623 **York Sample ID:** 23A1239-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:00 am	01/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: FB012623 **York Sample ID:** 23A1239-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:00 am	01/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND	QL-02	ug/L	0.491	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND	QL-02	ug/L	0.146	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
105-05-5	* p-Diethylbenzene	ND	QL-02	ug/L	0.341	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG

Sample Information

Client Sample ID: FB012623 **York Sample ID:** 23A1239-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:00 am	01/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 12:22	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 12:22	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 12:22	JTG
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 12:22	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	02/01/2023 06:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/01/2023 12:22	JTG
98-06-6	tert-Butylbenzene	ND	QL-02	ug/L	0.367	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 12:22	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 12:22	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 12:22	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 12:22	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 12:22	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 12:22	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 12:22	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 12:22	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/01/2023 12:22	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*79-122*

SVOA, 8270 LOW MASTER

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	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH

Sample Information

Client Sample ID: FB012623 **York Sample ID:** 23A1239-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:00 am	01/26/2023

SVOA, 8270 LOW MASTER

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
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.56	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH

Sample Information

Client Sample ID: FB012623 **York Sample ID:** 23A1239-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:00 am	01/26/2023

SVOA, 8270 LOW MASTER

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
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.56	11.1	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH
2312-35-8	* Propargite	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09	01/30/2023 19:17	KH
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	01/27/2023 08:09 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 19:17	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*32.9 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*20.5 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.4 %*	*39.9-105*

Sample Information

Client Sample ID: FB012623 **York Sample ID:** 23A1239-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:00 am	01/26/2023

SVOA, 8270 LOW MASTER

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
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*69.4 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.0 %*			*30.7-106*						

SVOA, 8270 SIM MASTER

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	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:40	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:40	KH
120-12-7	Anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:40	KH
1912-24-9	Atrazine	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 19:40	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:40	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:40	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:40	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:40	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:40	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.789**		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 19:40	KH
218-01-9	Chrysene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:40	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:40	KH
206-44-0	Fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:40	KH
86-73-7	Fluorene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:40	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 19:40	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 19:40	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 19:40	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:40	KH
91-20-3	Naphthalene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:40	KH

Sample Information

Client Sample ID: FB012623 **York Sample ID:** 23A1239-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:00 am	01/26/2023

SVOA, 8270 SIM MASTER

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
98-95-3	Nitrobenzene	ND		ug/L	0.278	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 19:40	KH
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 19:40	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	01/27/2023 08:09	01/30/2023 19:40	KH
85-01-8	Phenanthrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:40	KH
129-00-0	Pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/27/2023 08:09	01/30/2023 19:40	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	01/31/2023 09:39	02/01/2023 12:27	RB

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*99.9 %*	*36.6-118*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.857	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.638	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.29	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.24	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	0.766	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.49	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	0.948	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.37	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	2.06	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.60	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL

Sample Information

Client Sample ID: **FB012623** **York Sample ID:** **23A1239-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:00 am	01/26/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.35	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.26	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.44	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.88	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.419	7.29	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.60	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.66	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	2.41	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.93	14.6	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	3.74	14.6	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.601	14.6	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.911	7.29	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	3.90	7.29	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.456	7.29	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.674	7.29	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	1.39	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	3.26	14.6	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
13252-13-6	* HFPO-DA (Gen-X)	ND		ng/L	5.89	14.6	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
763051-92-9	* 11CL-PF3OUdS	ND		ng/L	2.52	14.6	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
756426-58-1	* 9CL-PF3ONS	ND		ng/L	1.28	14.6	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
919005-14-4	* ADONA	ND		ng/L	0.966	14.6	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	1.70	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL

Sample Information

Client Sample ID: FB012623 **York Sample ID:** 23A1239-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:00 am	01/26/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	1.57	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	3.70	9.11	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	13.4	45.6	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	17.3	45.6	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
24448-09-7	* N-MeFOSE	ND		ng/L	7.27	36.5	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
31506-32-8	* N-MeFOSA	ND		ng/L	2.88	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
1691-99-2	* N-EtFOSE	ND		ng/L	7.27	36.5	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL
4151-50-2	* N-EtFOSA	ND		ng/L	3.28	3.65	1	EPA 1633 Draft 2 Certifications:	01/31/2023 10:14	02/06/2023 20:00	WEL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*102 %*	*25-150*
Surrogate: M5PFHxA	*117 %*	*25-150*
Surrogate: M4PFHpA	*107 %*	*25-150*
Surrogate: M3PFHxS	*113 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*110 %*	*25-150*
Surrogate: M6PFDA	*99.3 %*	*25-150*
Surrogate: M7PFUdA	*78.0 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*63.0 %*	*25-150*
Surrogate: M2PFTeDA	*55.7 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*109 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*126 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*114 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*16.7 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*99.8 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*113 %*	*25-150*
Surrogate: M2-6:2 FTS	*114 %*	*25-200*
Surrogate: M2-8:2 FTS	*110 %*	*25-200*
Surrogate: M9PFNA	*120 %*	*25-150*
Surrogate: M2-4:2 FTS	*102 %*	*25-150*
Surrogate: d-N-MeFOSA	*18.6 %*	*25-150*
Surrogate: d-N-EtFOSA	*22.0 %*	*25-150*

Sample Information

Client Sample ID: FB012623 **York Sample ID:** 23A1239-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:00 am	01/26/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3HFPO-DA	*103 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*16.0 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*14.5 %*			*25-150*						

PEST, 8081 MASTER

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:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ

Sample Information

Client Sample ID: FB012623 **York Sample ID:** 23A1239-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:00 am	01/26/2023

PEST, 8081 MASTER

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
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications:	01/27/2023 08:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 14:50	BJ
12789-03-6	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	01/27/2023 08:02	02/03/2023 14:50	BJ
57-74-9	* Chlordane, total (alpha, gamma)	ND		ug/L	0.0100	1	EPA 8081B Certifications:	01/27/2023 08:02	02/03/2023 14:50	BJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.3 %*	*30-150*

PCB, 8082 MASTER

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:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 23:01	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 23:01	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 23:01	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 23:01	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 23:01	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 23:01	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/31/2023 23:01	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	01/27/2023 08:02	01/31/2023 23:01	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.5 %*	*30-150*

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	ND		mg/L	0.0556	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:25	CW

Sample Information

Client Sample ID: FB012623 **York Sample ID:** 23A1239-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:00 am	01/26/2023

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
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:25	CW
7440-70-2	**Calcium**	**0.0588**	B	mg/L	0.0556	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:25	CW
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:25	CW
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:25	CW
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:25	CW
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:25	CW
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:25	CW
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:25	CW
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:25	CW
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:25	CW
7440-09-7	**Potassium**	**0.294**		mg/L	0.0556	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:25	CW
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:25	CW
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:25	CW
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:25	CW
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications:	01/30/2023 08:25 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/30/2023 17:25	CW

Metals, Target Analyte, ICP Dissolved

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	ND		mg/L	0.0714	1	EPA 6010D Certifications:	02/01/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 15:13	CW
7440-39-3	Barium	ND		mg/L	0.0357	1	EPA 6010D Certifications:	02/01/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 15:13	CW
7440-70-2	Calcium	ND		mg/L	0.0714	1	EPA 6010D Certifications:	02/01/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 15:13	CW
7440-47-3	Chromium	ND		mg/L	0.00714	1	EPA 6010D Certifications:	02/01/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 15:13	CW
7440-48-4	Cobalt	ND		mg/L	0.00571	1	EPA 6010D Certifications:	02/01/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 15:13	CW
7440-50-8	Copper	ND		mg/L	0.0286	1	EPA 6010D Certifications:	02/01/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 15:13	CW

Sample Information

Client Sample ID: FB012623 **York Sample ID:** 23A1239-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:00 am	01/26/2023

Metals, Target Analyte, ICP Dissolved

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
7439-89-6	Iron	ND		mg/L	0.357	1	EPA 6010D Certifications:	02/01/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 15:13	CW
7439-92-1	Lead	ND		mg/L	0.00714	1	EPA 6010D Certifications:	02/01/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 15:13	CW
7439-95-4	Magnesium	ND		mg/L	0.0714	1	EPA 6010D Certifications:	02/01/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 15:13	CW
7439-96-5	Manganese	ND		mg/L	0.00714	1	EPA 6010D Certifications:	02/01/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 15:13	CW
7440-02-0	Nickel	ND		mg/L	0.0143	1	EPA 6010D Certifications:	02/01/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 15:13	CW
7440-09-7	**Potassium**	**0.640**		mg/L	0.0714	1	EPA 6010D Certifications:	02/01/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 15:13	CW
7440-22-4	Silver	ND		mg/L	0.00714	1	EPA 6010D Certifications:	02/01/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 15:13	CW
7440-23-5	Sodium	ND		mg/L	0.714	1	EPA 6010D Certifications:	02/01/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 15:13	CW
7440-62-2	Vanadium	ND		mg/L	0.0143	1	EPA 6010D Certifications:	02/01/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 15:13	CW
7440-66-6	Zinc	ND		mg/L	0.0357	1	EPA 6010D Certifications:	02/01/2023 08:44 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 15:13	CW

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	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 19:21	AJL
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 19:21	AJL
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 19:21	AJL
7440-43-9	Cadmium	ND	M-CCV 1	ug/L	0.556	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 19:21	AJL
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 19:21	AJL
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications:	01/30/2023 10:14 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 19:21	AJL

Metals, Target Analyte, ICPMS Dissolved

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	M-CCV 1	ug/L	1.11	1	EPA 6020B Certifications:	02/02/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:45	AJL
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications:	02/02/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:45	AJL

Sample Information

Client Sample ID: FB012623 **York Sample ID:** 23A1239-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 26, 2023 9:00 am	01/26/2023

Metals, Target Analyte, ICPMS Dissolved

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
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications:	02/02/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:45	AJL
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications:	02/02/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:45	AJL
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications:	02/02/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:45	AJL
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications:	02/02/2023 15:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/03/2023 13:45	AJL

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:	01/31/2023 19:27 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	01/31/2023 19:27	AD

Mercury, Dissolved

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:	02/01/2023 18:42 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	02/01/2023 18:42	AD

Chromium, Hexavalent

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
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A Certifications:	01/26/2023 19:33 NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	01/26/2023 21:48	NJO

Chromium, Trivalent

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
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation Certifications:	02/03/2023 07:27	02/03/2023 17:15	PAM

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 23A1239-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 25, 2023 12:00 am	01/26/2023

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **23A1239-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 25, 2023 12:00 am	01/26/2023

VOA, 8260 LOW MASTER **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	0.216	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	ug/L	0.222	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
120-82-1	1,2,4-Trichlorobenzene	ND	QL-02	ug/L	0.138	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23A1239-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 25, 2023 12:00 am	01/26/2023

VOA, 8260 LOW MASTER

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	0.365	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.119	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-82-7	Cyclohexane	ND	QL-02	ug/L	0.491	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND	QL-02	ug/L	0.146	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **23A1239-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 25, 2023 12:00 am	01/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	JTG
105-05-5	* p-Diethylbenzene	ND	QL-02	ug/L	0.341	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	JTG
98-06-6	tert-Butylbenzene	ND	QL-02	ug/L	0.367	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25	02/01/2023 11:55 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	JTG

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **23A1239-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A1239	315 Grand Concourse Bronx New York	Water	January 25, 2023 12:00 am	01/26/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	02/01/2023 11:55	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	02/01/2023 06:25 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	02/01/2023 11:55	JTG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

Analytical Batch Summary

Batch ID: BA31309 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
23A1239-01	MW-1	02/01/23
23A1239-02	MW-3	02/01/23
23A1239-03	MW-2	02/01/23
23A1239-04	FB012623	02/01/23
23A1239-05	Trip Blank	02/01/23
BA31309-BLK1	Blank	02/01/23
BA31309-BS1	LCS	02/01/23
BA31309-BSD1	LCS Dup	02/01/23

Batch ID: BA31432 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
23A1239-01	MW-1	01/26/23
23A1239-02	MW-3	01/26/23
23A1239-03	MW-2	01/26/23
23A1239-04	FB012623	01/26/23
BA31432-BLK1	Blank	01/26/23
BA31432-BS1	LCS	01/26/23
BA31432-DUP1	Duplicate	01/26/23
BA31432-MS1	Matrix Spike	01/26/23

Batch ID: BA31445 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** CCH

YORK Sample ID	Client Sample ID	Preparation Date
23A1239-01	MW-1	01/27/23
23A1239-01	MW-1	01/27/23
23A1239-02	MW-3	01/27/23
23A1239-02	MW-3	01/27/23
23A1239-03	MW-2	01/27/23
23A1239-03	MW-2	01/27/23
23A1239-04	FB012623	01/27/23
23A1239-04	FB012623	01/27/23
BA31445-BLK1	Blank	01/27/23
BA31445-BLK2	Blank	01/27/23
BA31445-BS1	LCS	01/27/23
BA31445-BS2	LCS	01/27/23
BA31445-MS1	Matrix Spike	01/27/23
BA31445-MS2	Matrix Spike	01/27/23
BA31445-MSD1	Matrix Spike Dup	01/27/23
BA31445-MSD2	Matrix Spike Dup	01/27/23

Batch ID: BA31447 **Preparation Method:** EPA 3510C **Prepared By:** GMA

YORK Sample ID	Client Sample ID	Preparation Date

23A1239-01	MW-1	01/27/23
23A1239-01	MW-1	01/27/23
23A1239-02	MW-3	01/27/23
23A1239-02	MW-3	01/27/23
23A1239-03	MW-2	01/27/23
23A1239-03	MW-2	01/27/23
23A1239-04	FB012623	01/27/23
23A1239-04	FB012623	01/27/23
BA31447-BLK1	Blank	01/27/23
BA31447-BLK2	Blank	01/27/23
BA31447-BS1	LCS	01/27/23
BA31447-BS2	LCS	01/27/23
BA31447-BSD1	LCS Dup	01/27/23

Batch ID: BA31552 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23A1239-01	MW-1	01/30/23
23A1239-01RE1	MW-1	01/30/23
23A1239-02	MW-3	01/30/23
23A1239-03	MW-2	01/30/23
23A1239-03RE1	MW-2	01/30/23
23A1239-04	FB012623	01/30/23
BA31552-BLK1	Blank	01/30/23
BA31552-BS1	LCS	01/30/23
BA31552-DUP1	Duplicate	01/30/23
BA31552-MS1	Matrix Spike	01/30/23
BA31552-PS1	Post Spike	01/30/23

Batch ID: BA31579 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23A1239-01	MW-1	01/30/23
23A1239-02	MW-3	01/30/23
23A1239-03	MW-2	01/30/23
23A1239-04	FB012623	01/30/23
BA31579-BLK1	Blank	01/30/23
BA31579-BS1	LCS	01/30/23
BA31579-DUP1	Duplicate	01/30/23
BA31579-MS1	Matrix Spike	01/30/23

Batch ID: BA31636 **Preparation Method:** EPA 3535A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23A1239-01	MW-1	01/31/23
23A1239-02	MW-3	01/31/23
23A1239-03	MW-2	01/31/23
23A1239-04	FB012623	01/31/23
BA31636-BLK1	Blank	01/31/23
BA31636-BS1	LCS	01/31/23

BA31636-MS1	Matrix Spike	01/31/23
BA31636-MSD1	Matrix Spike Dup	01/31/23

Batch ID: BA31644 **Preparation Method:** EPA 1633 Prep **Prepared By:** BAMW

YORK Sample ID	Client Sample ID	Preparation Date
23A1239-01	MW-1	01/31/23
23A1239-02	MW-3	01/31/23
23A1239-03	MW-2	01/31/23
23A1239-04	FB012623	01/31/23
BA31644-BLK1	Blank	01/31/23
BA31644-BS1	LCS	01/31/23
BA31644-BS2	LCS	01/31/23
BA31644-DUP1	Duplicate	01/31/23

Batch ID: BA31692 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
23A1239-01	MW-1	01/31/23
23A1239-02	MW-3	01/31/23
23A1239-03	MW-2	01/31/23
23A1239-04	FB012623	01/31/23
BA31692-BLK1	Blank	01/31/23
BA31692-BS1	LCS	01/31/23
BA31692-DUP1	Duplicate	01/31/23
BA31692-MS1	Matrix Spike	01/31/23

Batch ID: BB30021 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23A1239-01	MW-1	02/01/23
23A1239-01RE1	MW-1	02/01/23
23A1239-02	MW-3	02/01/23
23A1239-03	MW-2	02/01/23
23A1239-03RE1	MW-2	02/01/23
23A1239-04	FB012623	02/01/23
BB30021-BLK1	Blank	02/01/23
BB30021-BS1	LCS	02/01/23
BB30021-DUP1	Duplicate	02/01/23
BB30021-MS1	Matrix Spike	02/01/23
BB30021-PS1	Post Spike	02/01/23

Batch ID: BB30077 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
23A1239-01	MW-1	02/01/23
23A1239-02	MW-3	02/01/23
23A1239-03	MW-2	02/01/23
23A1239-04	FB012623	02/01/23

BB30077-BLK1	Blank	02/01/23
BB30077-BS1	LCS	02/01/23
BB30077-DUP1	Duplicate	02/01/23
BB30077-MS1	Matrix Spike	02/01/23

Batch ID: BB30149 **Preparation Method:** EPA 3015A **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
23A1239-01	MW-1	02/02/23
23A1239-02	MW-3	02/02/23
23A1239-03	MW-2	02/02/23
23A1239-04	FB012623	02/02/23
BB30149-BLK1	Blank	02/02/23
BB30149-BS1	LCS	02/02/23
BB30149-DUP1	Duplicate	02/02/23
BB30149-MS1	Matrix Spike	02/02/23

Batch ID: BB30166 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
23A1239-01	MW-1	02/03/23
23A1239-02	MW-3	02/03/23
23A1239-03	MW-2	02/03/23
23A1239-04	FB012623	02/03/23

Batch ID: BB30383 **Preparation Method:** EPA 1633 Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
23A1239-01RE1	MW-1	02/07/23
23A1239-02RE1	MW-3	02/07/23
23A1239-03RE1	MW-2	02/07/23
BB30383-BLK1	Blank	02/07/23
BB30383-BS1	LCS	02/07/23
BB30383-BS2	LCS	02/07/23
BB30383-DUP1	Duplicate	02/07/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31309 - EPA 5030B											
Blank (BA31309-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								

Prepared & Analyzed: 02/01/2023

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31309 - EPA 5030B											
Blank (BA31309-BLK1)								Prepared & Analyzed: 02/01/2023			
Methylcyclohexane	ND	0.500	ug/L								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.59*		*"*	*10.0*		*95.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.93*		*"*	*10.0*		*99.3*	*79-122*				
LCS (BA31309-BS1)								Prepared & Analyzed: 02/01/2023			
1,1,1,2-Tetrachloroethane	9.42		ug/L	10.0		94.2	82-126				
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136				
1,1,2,2-Tetrachloroethane	9.96		"	10.0		99.6	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.61		"	10.0		96.1	54-165				
1,1,2-Trichloroethane	9.04		"	10.0		90.4	82-123				
1,1-Dichloroethane	9.29		"	10.0		92.9	82-129				
1,1-Dichloroethylene	9.43		"	10.0		94.3	68-138				
1,2,3-Trichlorobenzene	7.07		"	10.0		70.7	76-136	Low Bias			
1,2,3-Trichloropropane	9.91		"	10.0		99.1	77-128				
1,2,4-Trichlorobenzene	7.43		"	10.0		74.3	76-137	Low Bias			
1,2,4-Trimethylbenzene	9.31		"	10.0		93.1	82-132				
1,2-Dibromo-3-chloropropane	8.50		"	10.0		85.0	45-147				
1,2-Dibromoethane	9.25		"	10.0		92.5	83-124				
1,2-Dichlorobenzene	9.69		"	10.0		96.9	79-123				
1,2-Dichloroethane	9.79		"	10.0		97.9	73-132				
1,2-Dichloropropane	8.89		"	10.0		88.9	78-126				
1,3,5-Trimethylbenzene	9.39		"	10.0		93.9	80-131				
1,3-Dichlorobenzene	9.63		"	10.0		96.3	86-122				
1,3-Dichloropropane	8.95		"	10.0		89.5	81-125				
1,4-Dichlorobenzene	9.48		"	10.0		94.8	85-124				
1,4-Dioxane	245		"	210		117	10-349				
2-Butanone	10.2		"	10.0		102	49-152				
2-Hexanone	9.02		"	10.0		90.2	51-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31309 - EPA 5030B											
LCS (BA31309-BS1)								Prepared & Analyzed: 02/01/2023			
4-Methyl-2-pentanone	8.86		ug/L	10.0		88.6	57-145				
Acetone	9.07		"	10.0		90.7	14-150				
Acrolein	8.48		"	10.0		84.8	10-153				
Acrylonitrile	10.4		"	10.0		104	51-150				
Benzene	10.0		"	10.0		100	85-126				
Bromochloromethane	10.1		"	10.0		101	77-128				
Bromodichloromethane	8.76		"	10.0		87.6	79-128				
Bromoform	7.95		"	10.0		79.5	78-133				
Bromomethane	2.80		"	10.0		28.0	43-168	Low Bias			
Carbon disulfide	9.46		"	10.0		94.6	68-146				
Carbon tetrachloride	9.95		"	10.0		99.5	77-141				
Chlorobenzene	10.0		"	10.0		100	88-120				
Chloroethane	9.44		"	10.0		94.4	65-136				
Chloroform	9.89		"	10.0		98.9	82-128				
Chloromethane	8.72		"	10.0		87.2	43-155				
cis-1,2-Dichloroethylene	9.62		"	10.0		96.2	83-129				
cis-1,3-Dichloropropylene	8.83		"	10.0		88.3	80-131				
Cyclohexane	4.21		"	10.0		42.1	63-149	Low Bias			
Dibromochloromethane	7.97		"	10.0		79.7	80-130	Low Bias			
Dibromomethane	8.93		"	10.0		89.3	72-134				
Dichlorodifluoromethane	5.83		"	10.0		58.3	44-144				
Ethyl Benzene	9.53		"	10.0		95.3	80-131				
Hexachlorobutadiene	4.82		"	10.0		48.2	67-146	Low Bias			
Isopropylbenzene	9.82		"	10.0		98.2	76-140				
Methyl acetate	9.13		"	10.0		91.3	51-139				
Methyl tert-butyl ether (MTBE)	9.39		"	10.0		93.9	76-135				
Methylcyclohexane	8.21		"	10.0		82.1	72-143				
Methylene chloride	8.90		"	10.0		89.0	55-137				
Naphthalene	8.34		"	10.0		83.4	70-147				
n-Butylbenzene	8.83		"	10.0		88.3	79-132				
n-Propylbenzene	9.77		"	10.0		97.7	78-133				
o-Xylene	9.42		"	10.0		94.2	78-130				
p- & m- Xylenes	19.3		"	20.0		96.4	77-133				
p-Diethylbenzene	8.65		"	10.0		86.5	84-134				
p-Ethyltoluene	10.5		"	10.0		105	88-129				
p-Isopropyltoluene	9.49		"	10.0		94.9	81-136				
sec-Butylbenzene	9.43		"	10.0		94.3	79-137				
Styrene	9.89		"	10.0		98.9	67-132				
tert-Butyl alcohol (TBA)	56.8		"	50.0		114	25-162				
tert-Butylbenzene	8.12		"	10.0		81.2	77-138				
Tetrachloroethylene	9.00		"	10.0		90.0	82-131				
Toluene	9.27		"	10.0		92.7	80-127				
trans-1,2-Dichloroethylene	9.26		"	10.0		92.6	80-132				
trans-1,3-Dichloropropylene	9.12		"	10.0		91.2	78-131				
Trichloroethylene	8.79		"	10.0		87.9	82-128				
Trichlorofluoromethane	9.48		"	10.0		94.8	67-139				
Vinyl Chloride	10.5		"	10.0		105	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.59*		*"*	*10.0*		*95.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.46*		*"*	*10.0*		*94.6*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31309 - EPA 5030B											
LCS Dup (BA31309-BSD1)								Prepared & Analyzed: 02/01/2023			
1,1,1,2-Tetrachloroethane	9.22		ug/L	10.0		92.2	82-126		2.15	30	
1,1,1-Trichloroethane	9.50		"	10.0		95.0	78-136		5.63	30	
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129		1.49	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.90		"	10.0		89.0	54-165		7.67	30	
1,1,2-Trichloroethane	9.20		"	10.0		92.0	82-123		1.75	30	
1,1-Dichloroethane	8.91		"	10.0		89.1	82-129		4.18	30	
1,1-Dichloroethylene	8.82		"	10.0		88.2	68-138		6.68	30	
1,2,3-Trichlorobenzene	7.40		"	10.0		74.0	76-136	Low Bias	4.56	30	
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128		1.90	30	
1,2,4-Trichlorobenzene	7.64		"	10.0		76.4	76-137		2.79	30	
1,2,4-Trimethylbenzene	8.80		"	10.0		88.0	82-132		5.63	30	
1,2-Dibromo-3-chloropropane	9.87		"	10.0		98.7	45-147		14.9	30	
1,2-Dibromoethane	9.54		"	10.0		95.4	83-124		3.09	30	
1,2-Dichlorobenzene	9.47		"	10.0		94.7	79-123		2.30	30	
1,2-Dichloroethane	9.61		"	10.0		96.1	73-132		1.86	30	
1,2-Dichloropropane	8.79		"	10.0		87.9	78-126		1.13	30	
1,3,5-Trimethylbenzene	8.75		"	10.0		87.5	80-131		7.06	30	
1,3-Dichlorobenzene	9.09		"	10.0		90.9	86-122		5.77	30	
1,3-Dichloropropane	9.07		"	10.0		90.7	81-125		1.33	30	
1,4-Dichlorobenzene	9.24		"	10.0		92.4	85-124		2.56	30	
1,4-Dioxane	251		"	210		119	10-349		2.51	30	
2-Butanone	11.2		"	10.0		112	49-152		9.79	30	
2-Hexanone	9.59		"	10.0		95.9	51-146		6.13	30	
4-Methyl-2-pentanone	9.38		"	10.0		93.8	57-145		5.70	30	
Acetone	9.10		"	10.0		91.0	14-150		0.330	30	
Acrolein	8.44		"	10.0		84.4	10-153		0.473	30	
Acrylonitrile	10.7		"	10.0		107	51-150		3.51	30	
Benzene	9.63		"	10.0		96.3	85-126		3.87	30	
Bromochloromethane	9.99		"	10.0		99.9	77-128		1.10	30	
Bromodichloromethane	8.66		"	10.0		86.6	79-128		1.15	30	
Bromoform	8.30		"	10.0		83.0	78-133		4.31	30	
Bromomethane	2.41		"	10.0		24.1	43-168	Low Bias	15.0	30	
Carbon disulfide	8.77		"	10.0		87.7	68-146		7.57	30	
Carbon tetrachloride	9.34		"	10.0		93.4	77-141		6.32	30	
Chlorobenzene	9.67		"	10.0		96.7	88-120		3.56	30	
Chloroethane	9.01		"	10.0		90.1	65-136		4.66	30	
Chloroform	9.55		"	10.0		95.5	82-128		3.50	30	
Chloromethane	7.77		"	10.0		77.7	43-155		11.5	30	
cis-1,2-Dichloroethylene	9.15		"	10.0		91.5	83-129		5.01	30	
cis-1,3-Dichloropropylene	8.74		"	10.0		87.4	80-131		1.02	30	
Cyclohexane	4.05		"	10.0		40.5	63-149	Low Bias	3.87	30	
Dibromochloromethane	8.03		"	10.0		80.3	80-130		0.750	30	
Dibromomethane	8.98		"	10.0		89.8	72-134		0.558	30	
Dichlorodifluoromethane	5.31		"	10.0		53.1	44-144		9.34	30	
Ethyl Benzene	9.09		"	10.0		90.9	80-131		4.73	30	
Hexachlorobutadiene	4.90		"	10.0		49.0	67-146	Low Bias	1.65	30	
Isopropylbenzene	9.29		"	10.0		92.9	76-140		5.55	30	
Methyl acetate	9.83		"	10.0		98.3	51-139		7.38	30	
Methyl tert-butyl ether (MTBE)	9.64		"	10.0		96.4	76-135		2.63	30	
Methylcyclohexane	7.93		"	10.0		79.3	72-143		3.47	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31309 - EPA 5030B											
LCS Dup (BA31309-BSD1)								Prepared & Analyzed: 02/01/2023			
Methylene chloride	8.51		ug/L	10.0		85.1	55-137		4.48	30	
Naphthalene	8.79		"	10.0		87.9	70-147		5.25	30	
n-Butylbenzene	8.47		"	10.0		84.7	79-132		4.16	30	
n-Propylbenzene	9.14		"	10.0		91.4	78-133		6.66	30	
o-Xylene	9.20		"	10.0		92.0	78-130		2.36	30	
p- & m- Xylenes	18.6		"	20.0		92.8	77-133		3.70	30	
p-Diethylbenzene	8.30		"	10.0		83.0	84-134	Low Bias	4.13	30	
p-Ethyltoluene	9.83		"	10.0		98.3	88-129		6.69	30	
p-Isopropyltoluene	8.96		"	10.0		89.6	81-136		5.75	30	
sec-Butylbenzene	8.94		"	10.0		89.4	79-137		5.33	30	
Styrene	9.66		"	10.0		96.6	67-132		2.35	30	
tert-Butyl alcohol (TBA)	61.4		"	50.0		123	25-162		7.77	30	
tert-Butylbenzene	7.67		"	10.0		76.7	77-138	Low Bias	5.70	30	
Tetrachloroethylene	8.56		"	10.0		85.6	82-131		5.01	30	
Toluene	8.90		"	10.0		89.0	80-127		4.07	30	
trans-1,2-Dichloroethylene	8.85		"	10.0		88.5	80-132		4.53	30	
trans-1,3-Dichloropropylene	9.06		"	10.0		90.6	78-131		0.660	30	
Trichloroethylene	8.38		"	10.0		83.8	82-128		4.78	30	
Trichlorofluoromethane	8.75		"	10.0		87.5	67-139		8.01	30	
Vinyl Chloride	9.47		"	10.0		94.7	58-145		10.2	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.58*		*"*	*10.0*		*95.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.30*		*"*	*10.0*		*93.0*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

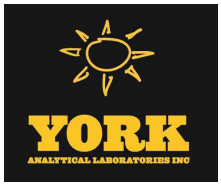
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31447 - EPA 3510C											
Blank (BA31447-BLK1)											Prepared: 01/27/2023 Analyzed: 01/30/2023
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	*16.6*		"	*50.0*		*33.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*10.5*		"	*50.0*		*20.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.7*		"	*25.0*		*74.9*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.7*		"	*25.0*		*67.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*39.8*		"	*50.0*		*79.6*	*39.3-151*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31447 - EPA 3510C											
Blank (BA31447-BLK1)										Prepared: 01/27/2023 Analyzed: 01/30/2023	
Surrogate: SURR: Terphenyl-d14	*19.3*		*ug/L*	*25.0*		*77.3*	*30.7-106*				
Blank (BA31447-BLK2)										Prepared: 01/27/2023 Analyzed: 01/30/2023	
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
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	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31447 - EPA 3510C											
LCS (BA31447-BS1)								Prepared: 01/27/2023 Analyzed: 01/30/2023			
1,1-Biphenyl	13.4	5.00	ug/L	25.0		53.7	33-95				
1,2,4,5-Tetrachlorobenzene	13.4	5.00	"	25.0		53.5	26-120				
2,3,4,6-Tetrachlorophenol	15.8	5.00	"	25.0		63.2	30-130				
2,4,5-Trichlorophenol	13.9	5.00	"	25.0		55.8	32-114				
2,4,6-Trichlorophenol	13.6	5.00	"	25.0		54.5	35-118				
2,4-Dichlorophenol	13.9	5.00	"	25.0		55.5	25-116				
2,4-Dimethylphenol	14.2	5.00	"	25.0		56.8	15-116				
2,4-Dinitrophenol	24.1	5.00	"	25.0		96.3	10-170				
2,4-Dinitrotoluene	17.4	5.00	"	25.0		69.5	41-128				
2,6-Dinitrotoluene	17.1	5.00	"	25.0		68.4	45-116				
2-Chloronaphthalene	13.2	5.00	"	25.0		53.0	33-112				
2-Chlorophenol	11.8	5.00	"	25.0		47.1	15-120				
2-Methylnaphthalene	13.8	5.00	"	25.0		55.1	24-118				
2-Methylphenol	10.6	5.00	"	25.0		42.3	10-110				
2-Nitroaniline	16.0	5.00	"	25.0		63.8	34-129				
2-Nitrophenol	15.6	5.00	"	25.0		62.5	28-118				
3- & 4-Methylphenols	8.46	5.00	"	25.0		33.8	10-107				
3,3-Dichlorobenzidine	10.5	5.00	"	25.0		42.1	15-187				
3-Nitroaniline	11.2	5.00	"	25.0		44.7	24-134				
4,6-Dinitro-2-methylphenol	24.5	5.00	"	25.0		98.0	10-153				
4-Bromophenyl phenyl ether	13.5	5.00	"	25.0		54.0	34-120				
4-Chloro-3-methylphenol	13.9	5.00	"	25.0		55.8	20-120				
4-Chloroaniline	7.42	5.00	"	25.0		29.7	10-147				
4-Chlorophenyl phenyl ether	13.1	5.00	"	25.0		52.2	27-121				
4-Nitroaniline	14.0	5.00	"	25.0		55.8	13-134				
4-Nitrophenol	6.67	5.00	"	25.0		26.7	10-131				
Acetophenone	12.9	5.00	"	25.0		51.6	25-110				
Benzaldehyde	11.6	5.00	"	25.0		46.2	29-117				
Benzyl butyl phthalate	15.0	5.00	"	25.0		59.9	29-133				
Bis(2-chloroethoxy)methane	14.0	5.00	"	25.0		55.8	10-154				
Bis(2-chloroethyl)ether	12.8	5.00	"	25.0		51.2	17-125				
Bis(2-chloroisopropyl)ether	13.0	5.00	"	25.0		52.0	10-139				
Caprolactam	2.61	5.00	"	25.0		10.4	10-137				
Carbazole	15.1	5.00	"	25.0		60.3	42-126				
Dibenzofuran	13.5	5.00	"	25.0		54.2	36-113				
Diethyl phthalate	14.0	5.00	"	25.0		56.2	38-115				
Dimethyl phthalate	13.8	5.00	"	25.0		55.3	38-129				
Di-n-butyl phthalate	14.6	5.00	"	25.0		58.5	31-120				
Di-n-octyl phthalate	15.2	5.00	"	25.0		60.6	21-149				
Hexachlorocyclopentadiene	8.82	10.0	"	25.0		35.3	10-130				
Isophorone	14.5	5.00	"	25.0		57.9	25-127				
N-nitroso-di-n-propylamine	13.2	5.00	"	25.0		52.6	26-122				
N-Nitrosodiphenylamine	16.7	5.00	"	25.0		66.9	23-149				
Phenol	4.67	5.00	"	25.0		18.7	10-110				
Pyridine	5.76	5.00	"	25.5		22.6	10-90				
Surrogate: SURR: 2-Fluorophenol	*16.5*		*"*	*50.0*		*33.1*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*10.4*		*"*	*50.0*		*20.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*17.4*		*"*	*25.0*		*69.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.7*		*"*	*25.0*		*62.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*35.5*		*"*	*50.0*		*71.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.5*		*"*	*25.0*		*69.9*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31447 - EPA 3510C											
LCS (BA31447-BS2)								Prepared: 01/27/2023 Analyzed: 01/30/2023			
Acenaphthene	0.580	0.0500	ug/L	1.00		58.0	25-116				
Acenaphthylene	0.590	0.0500	"	1.00		59.0	26-116				
Anthracene	0.530	0.0500	"	1.00		53.0	25-123				
Benzo(a)anthracene	0.710	0.0500	"	1.00		71.0	33-125				
Benzo(a)pyrene	0.500	0.0500	"	1.00		50.0	32-132				
Benzo(b)fluoranthene	0.760	0.0500	"	1.00		76.0	22-137				
Benzo(g,h,i)perylene	0.860	0.0500	"	1.00		86.0	10-138				
Benzo(k)fluoranthene	0.730	0.0500	"	1.00		73.0	20-137				
Bis(2-ethylhexyl)phthalate	1.05	0.500	"	1.00		105	10-189				
Chrysene	0.760	0.0500	"	1.00		76.0	32-124				
Dibenzo(a,h)anthracene	0.840	0.0500	"	1.00		84.0	16-133				
Fluoranthene	0.860	0.0500	"	1.00		86.0	32-121				
Fluorene	0.710	0.0500	"	1.00		71.0	28-118				
Hexachlorobenzene	0.800	0.0200	"	1.00		80.0	23-124				
Hexachlorobutadiene	0.620	0.500	"	1.00		62.0	15-123				
Hexachloroethane	2.96	0.500	"	1.00		296	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.840	0.0500	"	1.00		84.0	15-135				
Naphthalene	0.600	0.0500	"	1.00		60.0	18-120				
Nitrobenzene	0.730	0.250	"	1.00		73.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.840	0.250	"	1.00		84.0	10-156				
Phenanthrene	0.710	0.0500	"	1.00		71.0	24-127				
Pyrene	0.640	0.0500	"	1.00		64.0	31-132				
LCS Dup (BA31447-BSD1)								Prepared: 01/27/2023 Analyzed: 01/30/2023			
1,1-Biphenyl	14.4	5.00	ug/L	25.0		57.6	33-95		6.97	20	
1,2,4,5-Tetrachlorobenzene	15.3	5.00	"	25.0		61.1	26-120		13.3	20	
2,3,4,6-Tetrachlorophenol	18.4	5.00	"	25.0		73.6	30-130		15.3	20	
2,4,5-Trichlorophenol	16.6	5.00	"	25.0		66.4	32-114		17.4	20	
2,4,6-Trichlorophenol	16.2	5.00	"	25.0		64.7	35-118		17.1	20	
2,4-Dichlorophenol	16.5	5.00	"	25.0		65.9	25-116		17.1	20	
2,4-Dimethylphenol	17.0	5.00	"	25.0		68.0	15-116		17.9	20	
2,4-Dinitrophenol	30.2	5.00	"	25.0		121	10-170		22.7	20	Non-dir.
2,4-Dinitrotoluene	20.8	5.00	"	25.0		83.2	41-128		17.9	20	
2,6-Dinitrotoluene	20.7	5.00	"	25.0		82.8	45-116		19.0	20	
2-Chloronaphthalene	15.1	5.00	"	25.0		60.5	33-112		13.3	20	
2-Chlorophenol	13.9	5.00	"	25.0		55.5	15-120		16.4	20	
2-Methylnaphthalene	16.5	5.00	"	25.0		65.9	24-118		17.9	20	
2-Methylphenol	12.4	5.00	"	25.0		49.4	10-110		15.4	20	
2-Nitroaniline	19.2	5.00	"	25.0		76.6	34-129		18.2	20	
2-Nitrophenol	19.0	5.00	"	25.0		76.1	28-118		19.6	20	
3- & 4-Methylphenols	9.85	5.00	"	25.0		39.4	10-107		15.2	20	
3,3-Dichlorobenzidine	12.6	5.00	"	25.0		50.4	15-187		18.0	20	
3-Nitroaniline	11.8	5.00	"	25.0		47.4	24-134		5.82	20	
4,6-Dinitro-2-methylphenol	30.5	5.00	"	25.0		122	10-153		21.6	20	Non-dir.
4-Bromophenyl phenyl ether	15.9	5.00	"	25.0		63.5	34-120		16.1	20	
4-Chloro-3-methylphenol	16.6	5.00	"	25.0		66.6	20-120		17.7	20	
4-Chloroaniline	8.41	5.00	"	25.0		33.6	10-147		12.5	20	
4-Chlorophenyl phenyl ether	15.4	5.00	"	25.0		61.5	27-121		16.3	20	
4-Nitroaniline	16.5	5.00	"	25.0		66.0	13-134		16.7	20	
4-Nitrophenol	7.95	5.00	"	25.0		31.8	10-131		17.5	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

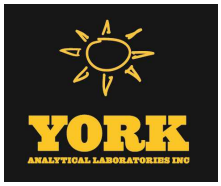
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31447 - EPA 3510C											
LCS Dup (BA31447-BSD1)									Prepared: 01/27/2023 Analyzed: 01/30/2023		
Acetophenone	13.6	5.00	ug/L	25.0		54.4	25-110		5.28	20	
Benzaldehyde	12.3	5.00	"	25.0		49.0	29-117		5.96	20	
Benzyl butyl phthalate	17.1	5.00	"	25.0		68.3	29-133		13.0	20	
Bis(2-chloroethoxy)methane	16.5	5.00	"	25.0		65.9	10-154		16.6	20	
Bis(2-chloroethyl)ether	14.7	5.00	"	25.0		58.8	17-125		13.8	20	
Bis(2-chloroisopropyl)ether	14.7	5.00	"	25.0		58.8	10-139		12.4	20	
Caprolactam	2.67	5.00	"	25.0		10.7	10-137		2.27	20	
Carbazole	17.7	5.00	"	25.0		70.8	42-126		16.0	20	
Dibenzofuran	15.6	5.00	"	25.0		62.6	36-113		14.4	20	
Diethyl phthalate	16.5	5.00	"	25.0		66.0	38-115		16.1	20	
Dimethyl phthalate	16.3	5.00	"	25.0		65.1	38-129		16.3	20	
Di-n-butyl phthalate	17.2	5.00	"	25.0		68.7	31-120		16.0	20	
Di-n-octyl phthalate	17.3	5.00	"	25.0		69.2	21-149		13.1	20	
Hexachlorocyclopentadiene	9.94	10.0	"	25.0		39.8	10-130		11.9	20	
Isophorone	17.2	5.00	"	25.0		68.6	25-127		17.0	20	
N-nitroso-di-n-propylamine	15.2	5.00	"	25.0		61.0	26-122		14.6	20	
N-Nitrosodiphenylamine	19.6	5.00	"	25.0		78.5	23-149		16.0	20	
Phenol	5.30	5.00	"	25.0		21.2	10-110		12.6	20	
Pyridine	6.82	5.00	"	25.5		26.7	10-90		16.9	20	
Surrogate: SURR: 2-Fluorophenol	*16.4*		*"*	*50.0*		*32.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*10.3*		*"*	*50.0*		*20.6*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.0*		*"*	*25.0*		*72.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.4*		*"*	*25.0*		*65.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*37.9*		*"*	*50.0*		*75.8*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.4*		*"*	*25.0*		*73.7*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31636 - EPA 3535A											
Blank (BA31636-BLK1)									Prepared: 01/31/2023 Analyzed: 02/01/2023		
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*4.12*		*"*	*4.00*		*103*	*36.6-118*				
LCS (BA31636-BS1)									Prepared: 01/31/2023 Analyzed: 02/01/2023		
1,4-Dioxane	3.92	0.300	ug/L	4.00		98.0	50-130				
Surrogate: 1,4-Dioxane-d8	*3.94*		*"*	*4.00*		*98.4*	*36.6-118*				
Matrix Spike (BA31636-MS1)	*Source sample: 23A1239-04 (FB012623)								Prepared: 01/31/2023 Analyzed: 02/01/2023		
1,4-Dioxane	3.74	0.300	ug/L	4.00	ND	93.6	50-130				
Surrogate: 1,4-Dioxane-d8	*3.58*		*"*	*4.00*		*89.6*	*50-130*				
Matrix Spike Dup (BA31636-MSD1)	*Source sample: 23A1239-04 (FB012623)								Prepared: 01/31/2023 Analyzed: 02/01/2023		
1,4-Dioxane	3.89	0.300	ug/L	4.00	ND	97.2	50-130		3.77	30	
Surrogate: 1,4-Dioxane-d8	*3.94*		*"*	*4.00*		*98.5*	*50-130*				



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31644 - EPA 1633 Prep											
Blank (BA31644-BLK1)								Prepared: 01/31/2023 Analyzed: 02/06/2023			
Perfluorobutanesulfonic acid (PFBS)	ND	4.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	4.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	4.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	4.00	"								
Perfluorooctanoic acid (PFOA)	ND	4.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	4.00	"								
Perfluorononanoic acid (PFNA)	ND	4.00	"								
Perfluorodecanoic acid (PFDA)	ND	4.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	4.00	"								
Perfluorododecanoic acid (PFDoA)	ND	4.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	4.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	4.00	"								
N-MeFOSAA	ND	4.00	"								
N-EtFOSAA	ND	4.00	"								
Perfluoropentanoic acid (PFPeA)	ND	8.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	4.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	4.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	4.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	16.0	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	16.0	"								
Perfluoro-n-butanoic acid (PFBA)	ND	16.0	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	8.00	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	8.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	8.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	8.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	4.00	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	16.0	"								
HFPO-DA (Gen-X)	ND	16.0	"								
11CL-PF3OUdS	ND	16.0	"								
9CL-PF3ONS	ND	16.0	"								
ADONA	ND	16.0	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	4.00	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	4.00	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	10.0	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	50.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	50.0	"								
N-MeFOSE	ND	40.0	"								
N-MeFOSA	ND	4.00	"								
N-EtFOSE	ND	40.0	"								
N-EtFOSA	ND	4.00	"								
Surrogate: M3PFBS	*46.3*		*"*	*46.6*		*99.3*	*25-150*				
Surrogate: M5PFHxA	*55.6*		*"*	*50.0*		*111*	*25-150*				
Surrogate: M4PFHpA	*50.8*		*"*	*50.0*		*102*	*25-150*				
Surrogate: M3PFHxS	*56.7*		*"*	*47.4*		*120*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*51.2*		*"*	*50.0*		*102*	*25-150*				
Surrogate: M6PFDA	*24.1*		*"*	*25.0*		*96.6*	*25-150*				
Surrogate: M7PFUdA	*20.2*		*"*	*25.0*		*80.9*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31644 - EPA 1633 Prep											
Blank (BA31644-BLK1)								Prepared: 01/31/2023 Analyzed: 02/06/2023			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*19.4*		*ng/L*	*25.0*		*77.7*	*25-150*				
Surrogate: M2PFTeDA	*14.8*		*"*	*25.0*		*59.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*213*		*"*	*200*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*59.2*		*"*	*47.9*		*124*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*106*		*"*	*100*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*7.14*		*"*	*50.0*		*14.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*94.9*		*"*	*100*		*94.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*91.2*		*"*	*100*		*91.2*	*25-150*				
Surrogate: M2-6:2 FTS	*122*		*"*	*95.1*		*128*	*25-200*				
Surrogate: M2-8:2 FTS	*96.2*		*"*	*96.0*		*100*	*25-200*				
Surrogate: M9PFNA	*26.8*		*"*	*25.0*		*107*	*25-150*				
Surrogate: M2-4:2 FTS	*94.3*		*"*	*93.8*		*101*	*25-150*				
Surrogate: d-N-MeFOSA	*8.82*		*"*	*50.0*		*17.6*	*25-150*				
Surrogate: d-N-EtFOSA	*15.9*		*"*	*50.0*		*31.7*	*25-150*				
Surrogate: M3HFPO-DA	*181*		*"*	*200*		*90.5*	*25-150*				
Surrogate: d9-N-EtFOSE	*95.3*		*"*	*500*		*19.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*74.2*		*"*	*500*		*14.8*	*25-150*				
LCS (BA31644-BS1)								Prepared: 01/31/2023 Analyzed: 02/06/2023			
Perfluorobutanesulfonic acid (PFBS)	61.6	4.00	ng/L	70.8		87.0	50-150				
Perfluorohexanoic acid (PFHxA)	66.3	4.00	"	80.0		82.8	50-150				
Perfluoroheptanoic acid (PFHpA)	70.7	4.00	"	80.0		88.4	50-150				
Perfluorohexanesulfonic acid (PFHxS)	78.7	4.00	"	73.2		107	50-150				
Perfluorooctanoic acid (PFOA)	65.9	4.00	"	80.0		82.3	50-150				
Perfluorooctanesulfonic acid (PFOS)	60.8	4.00	"	74.4		81.7	50-150				
Perfluorononanoic acid (PFNA)	57.7	4.00	"	80.0		72.1	50-150				
Perfluorodecanoic acid (PFDA)	71.9	4.00	"	80.0		89.9	50-150				
Perfluoroundecanoic acid (PFUnA)	65.1	4.00	"	80.0		81.4	50-150				
Perfluorododecanoic acid (PFDoA)	64.7	4.00	"	80.0		80.8	50-150				
Perfluorotridecanoic acid (PFTrDA)	77.3	4.00	"	80.0		96.7	50-150				
Perfluorotetradecanoic acid (PFTA)	69.8	4.00	"	80.0		87.2	50-150				
N-MeFOSAA	67.0	4.00	"	80.0		83.7	50-150				
N-EtFOSAA	68.2	4.00	"	80.0		85.3	50-150				
Perfluoropentanoic acid (PFPeA)	134	8.00	"	160		83.6	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	72.7	4.00	"	80.0		90.9	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	62.6	4.00	"	76.4		81.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	56.8	4.00	"	77.2		73.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	251	16.0	"	304		82.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	270	16.0	"	307		87.8	50-150				
Perfluoro-n-butanoic acid (PFBA)	263	16.0	"	320		82.3	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	135	8.00	"	142		94.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	75.3	8.00	"	160		47.1	50-150	Low Bias			
Perfluoro-4-oxapentanoic acid (PFMPA)	147	8.00	"	160		91.9	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	147	8.00	"	160		91.6	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	59.4	4.00	"	75.2		79.0	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31644 - EPA 1633 Prep											
LCS (BA31644-BS1)								Prepared: 01/31/2023 Analyzed: 02/06/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	257	16.0	ng/L	300		85.7	50-150				
HFPO-DA (Gen-X)	159	16.0	"	160		99.2	50-150				
11CL-PF3OUdS	156	16.0	"	151		103	50-150				
9CL-PF3ONS	177	16.0	"	150		119	50-150				
ADONA	173	16.0	"	151		115	50-150				
Perfluorododecanesulfonic acid (PFDoS)	50.8	4.00	"	77.6		65.4	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	69.9	4.00	"	76.8		91.0	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	312	10.0	"	320		97.6	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	1740	50.0	"	1600		108	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	1920	50.0	"	1600		120	50-150				
N-MeFOSE	727	40.0	"	800		90.9	50-150				
N-MeFOSA	69.5	4.00	"	80.0		86.9	50-150				
N-EtFOSE	694	40.0	"	800		86.7	50-150				
N-EtFOSA	98.9	4.00	"	80.0		124	50-150				
Surrogate: M3PFBS	*47.8*		"	*46.6*		*103*	*25-150*				
Surrogate: M5PFHxA	*56.0*		"	*50.0*		*112*	*25-150*				
Surrogate: M4PFHpA	*49.8*		"	*50.0*		*99.6*	*25-150*				
Surrogate: M3PFHxS	*56.0*		"	*47.4*		*118*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*51.5*		"	*50.0*		*103*	*25-150*				
Surrogate: M6PFDA	*23.9*		"	*25.0*		*95.6*	*25-150*				
Surrogate: M7PFUdA	*22.1*		"	*25.0*		*88.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*18.5*		"	*25.0*		*74.1*	*25-150*				
Surrogate: M2PFTeDA	*15.4*		"	*25.0*		*61.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*210*		"	*200*		*105*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*54.4*		"	*47.9*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*106*		"	*100*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*7.45*		"	*50.0*		*14.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*86.1*		"	*100*		*86.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*83.7*		"	*100*		*83.7*	*25-150*				
Surrogate: M2-6:2 FTS	*110*		"	*95.1*		*116*	*25-200*				
Surrogate: M2-8:2 FTS	*103*		"	*96.0*		*107*	*25-200*				
Surrogate: M9PFNA	*29.9*		"	*25.0*		*119*	*25-150*				
Surrogate: M2-4:2 FTS	*101*		"	*93.8*		*108*	*25-150*				
Surrogate: d-N-MeFOSA	*10.7*		"	*50.0*		*21.4*	*25-150*				
Surrogate: d-N-EtFOSA	*11.2*		"	*50.0*		*22.5*	*25-150*				
Surrogate: M3HFPO-DA	*187*		"	*200*		*93.5*	*25-150*				
Surrogate: d9-N-EtFOSE	*80.8*		"	*500*		*16.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*73.8*		"	*500*		*14.8*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

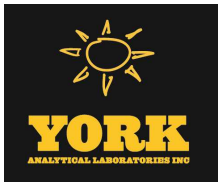
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31644 - EPA 1633 Prep											
LCS (BA31644-BS2)								Prepared: 01/31/2023 Analyzed: 02/06/2023			
Perfluorobutanesulfonic acid (PFBS)	5.99	4.00	ng/L	7.08		84.6	50-150				
Perfluorohexanoic acid (PFHxA)	6.72	4.00	"	8.00		84.1	50-150				
Perfluoroheptanoic acid (PFHpA)	6.57	4.00	"	8.00		82.1	50-150				
Perfluorohexanesulfonic acid (PFHxS)	8.13	4.00	"	7.32		111	50-150				
Perfluorooctanoic acid (PFOA)	5.83	4.00	"	8.00		72.9	50-150				
Perfluorooctanesulfonic acid (PFOS)	7.13	4.00	"	7.44		95.8	50-150				
Perfluorononanoic acid (PFNA)	6.78	4.00	"	8.00		84.8	50-150				
Perfluorodecanoic acid (PFDA)	6.21	4.00	"	8.00		77.7	50-150				
Perfluoroundecanoic acid (PFUnA)	7.96	4.00	"	8.00		99.5	50-150				
Perfluorododecanoic acid (PFDoA)	6.54	4.00	"	8.00		81.8	50-150				
Perfluorotridecanoic acid (PFTrDA)	7.46	4.00	"	8.00		93.2	50-150				
Perfluorotetradecanoic acid (PFTA)	7.15	4.00	"	8.00		89.4	50-150				
N-MeFOSAA	6.77	4.00	"	8.00		84.7	50-150				
N-EtFOSAA	6.54	4.00	"	8.00		81.8	50-150				
Perfluoropentanoic acid (PFPeA)	14.0	8.00	"	16.0		87.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	7.41	4.00	"	8.00		92.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	7.44	4.00	"	7.64		97.4	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	6.07	4.00	"	7.72		78.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	26.3	16.0	"	30.4		86.5	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	30.4	16.0	"	30.7		99.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	26.9	16.0	"	32.0		84.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	14.6	8.00	"	14.2		103	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.22	8.00	"	16.0		32.6	50-150	Low Bias			
Perfluoro-4-oxapentanoic acid (PFMPA)	15.3	8.00	"	16.0		95.6	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	15.0	8.00	"	16.0		94.0	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	5.62	4.00	"	7.52		74.8	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	28.8	16.0	"	30.0		96.2	50-150				
HFPO-DA (Gen-X)	16.4	16.0	"	16.0		102	50-150				
11CL-PF3OUdS	15.2	16.0	"	15.1		100	50-150				
9CL-PF3ONS	18.7	16.0	"	15.0		125	50-150				
ADONA	18.5	16.0	"	15.1		123	50-150				
Perfluorododecanesulfonic acid (PFDoS)	4.73	4.00	"	7.76		61.0	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	7.86	4.00	"	7.68		102	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	33.3	10.0	"	32.0		104	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	188	50.0	"	160		117	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	218	50.0	"	160		136	50-150				
N-MeFOSE	77.1	40.0	"	80.0		96.4	50-150				
N-MeFOSA	ND	4.00	"	8.00			50-150	Low Bias			
N-EtFOSE	63.2	40.0	"	80.0		79.1	50-150				
N-EtFOSA	12.9	4.00	"	8.00		162	50-150	High Bias			
Surrogate: M3PFBS	*47.1*		"	*46.6*		*101*	*25-150*				
Surrogate: M5PFHxA	*53.8*		"	*50.0*		*108*	*25-150*				
Surrogate: M4PFHpA	*55.5*		"	*50.0*		*111*	*25-150*				
Surrogate: M3PFHxS	*56.3*		"	*47.4*		*119*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*56.4*		"	*50.0*		*113*	*25-150*				
Surrogate: M6PFDA	*28.1*		"	*25.0*		*112*	*25-150*				
Surrogate: M7PFUdA	*21.4*		"	*25.0*		*85.6*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31644 - EPA 1633 Prep											
LCS (BA31644-BS2)								Prepared: 01/31/2023 Analyzed: 02/06/2023			
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*19.8*		*ng/L*	*25.0*		*79.4*	*25-150*				
Surrogate: M2PFTeDA	*16.2*		*"*	*25.0*		*64.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*209*		*"*	*200*		*105*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*50.9*		*"*	*47.9*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*105*		*"*	*100*		*105*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.97*		*"*	*50.0*		*13.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*104*		*"*	*100*		*104*	*25-150*				
Surrogate: d5-N-EtFOSAA	*96.2*		*"*	*100*		*96.2*	*25-150*				
Surrogate: M2-6:2 FTS	*128*		*"*	*95.1*		*134*	*25-200*				
Surrogate: M2-8:2 FTS	*144*		*"*	*96.0*		*150*	*25-200*				
Surrogate: M9PFNA	*26.3*		*"*	*25.0*		*105*	*25-150*				
Surrogate: M2-4:2 FTS	*100*		*"*	*93.8*		*107*	*25-150*				
Surrogate: d-N-MeFOSA	*8.18*		*"*	*50.0*		*16.4*	*25-150*				
Surrogate: d-N-EtFOSA	*12.4*		*"*	*50.0*		*24.9*	*25-150*				
Surrogate: M3HFPO-DA	*182*		*"*	*200*		*91.2*	*25-150*				
Surrogate: d9-N-EtFOSE	*97.6*		*"*	*500*		*19.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*87.6*		*"*	*500*		*17.5*	*25-150*				
Duplicate (BA31644-DUP1)	*Source sample: 23A1239-03 (MW-2)							Prepared: 01/31/2023 Analyzed: 02/06/2023			
Perfluorobutanesulfonic acid (PFBS)	9.33	3.64	ng/L		5.19				57.1	30	Non-dir.
Perfluorohexanoic acid (PFHxA)	13.7	3.64	"		18.8				30.9	30	Non-dir.
Perfluoroheptanoic acid (PFHpA)	20.8	3.64	"		11.9				54.5	30	Non-dir.
Perfluorohexanesulfonic acid (PFHxS)	32.0	3.64	"		4.64				149	30	Non-dir.
Perfluorooctanoic acid (PFOA)	52.4	3.64	"		29.7				55.3	30	Non-dir.
Perfluorooctanesulfonic acid (PFOS)	37.4	3.64	"		50.7				30.1	30	Non-dir.
Perfluorononanoic acid (PFNA)	9.86	3.64	"		5.63				54.6	30	Non-dir.
Perfluorodecanoic acid (PFDA)	16.1	3.64	"		3.39				130	30	Non-dir.
Perfluoroundecanoic acid (PFUnA)	ND	3.64	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	3.64	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	3.64	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	3.64	"		ND					30	
N-MeFOSAA	ND	3.64	"		ND					30	
N-EtFOSAA	ND	3.64	"		ND					30	
Perfluoropentanoic acid (PFPeA)	20.6	7.28	"		14.9				31.9	30	Non-dir.
Perfluoro-1-octanesulfonamide (FOSA)	ND	3.64	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	3.64	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	3.64	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	6.73	14.6	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	14.6	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	6.73	14.6	"		14.2				71.2	30	Non-dir.
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.00	7.28	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	7.28	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	7.28	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	0.847	7.28	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	3.64	"		ND					30	

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31644 - EPA 1633 Prep											
Duplicate (BA31644-DUP1)	*Source sample: 23A1239-03 (MW-2)								Prepared: 01/31/2023 Analyzed: 02/06/2023		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	14.6	ng/L		ND					30	
HFPO-DA (Gen-X)	ND	14.6	"		ND					30	
11CL-PF3OUdS	ND	14.6	"		ND					30	
9CL-PF3ONS	1.51	14.6	"		ND					30	
ADONA	ND	14.6	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	3.64	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	3.64	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	9.10	"		35.2					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	45.5	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	45.5	"		ND					30	
N-MeFOSE	ND	36.4	"		ND					30	
N-MeFOSA	ND	3.64	"		ND					30	
N-EtFOSE	ND	36.4	"		ND					30	
N-EtFOSA	ND	3.64	"		ND					30	
Surrogate: M3PFBS	*0.310*		"	*42.4*		*0.730*	*25-150*				
Surrogate: M5PFHxA	*0.352*		"	*45.5*		*0.773*	*25-150*				
Surrogate: M4PFHpA	*0.421*		"	*45.5*		*0.926*	*25-150*				
Surrogate: M3PFHxS	*2.24*		"	*43.1*		*5.20*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*0.645*		"	*45.5*		*1.42*	*25-150*				
Surrogate: M6PFDA	*0.893*		"	*22.7*		*3.93*	*25-150*				
Surrogate: M7PFUdA	*2.48*		"	*22.7*		*10.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*4.68*		"	*22.7*		*20.6*	*25-150*				
Surrogate: M2PFTeDA	*6.86*		"	*22.7*		*30.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.22*		"	*182*		*0.671*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.62*		"	*43.6*		*3.73*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.183*		"	*91.0*		*0.201*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.728*		"	*45.5*		*1.60*	*10-150*				
Surrogate: d3-N-MeFOSAA	*12.2*		"	*91.0*		*13.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*22.4*		"	*91.0*		*24.6*	*25-150*				
Surrogate: M2-6:2 FTS	*0.951*		"	*86.5*		*1.10*	*25-200*				
Surrogate: M2-8:2 FTS	*3.27*		"	*87.4*		*3.74*	*25-200*				
Surrogate: M9PFNA	*0.405*		"	*22.7*		*1.78*	*25-150*				
Surrogate: M2-4:2 FTS	*0.538*		"	*85.4*		*0.631*	*25-150*				
Surrogate: d-N-MeFOSA	*1.37*		"	*45.5*		*3.00*	*25-150*				
Surrogate: d-N-EtFOSA	*6.26*		"	*45.5*		*13.8*	*25-150*				
Surrogate: M3HFPO-DA	*0.942*		"	*182*		*0.518*	*25-150*				
Surrogate: d9-N-EtFOSE	*97.3*		"	*455*		*21.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*86.7*		"	*455*		*19.1*	*25-150*				



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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30383 - EPA 1633 Prep											
Blank (BB30383-BLK1)								Prepared: 02/07/2023 Analyzed: 02/09/2023			
Perfluorobutanesulfonic acid (PFBS)	ND	3.54	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	4.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	4.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	3.66	"								
Perfluorooctanoic acid (PFOA)	ND	4.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	3.72	"								
Perfluorononanoic acid (PFNA)	ND	4.00	"								
Perfluorodecanoic acid (PFDA)	ND	4.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	4.00	"								
Perfluorododecanoic acid (PFDoA)	ND	4.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	4.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	4.00	"								
N-MeFOSAA	ND	4.00	"								
N-EtFOSAA	ND	4.00	"								
Perfluoropentanoic acid (PFPeA)	ND	8.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	4.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	3.82	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	3.86	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	15.2	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	15.4	"								
Perfluoro-n-butanoic acid (PFBA)	ND	16.0	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	7.12	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	8.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	8.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	8.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	3.76	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	15.0	"								
HFPO-DA (Gen-X)	ND	16.0	"								
11CL-PF3OUdS	ND	15.1	"								
9CL-PF3ONS	ND	15.0	"								
ADONA	ND	15.1	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	3.88	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	3.84	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	10.0	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	50.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	50.0	"								
N-MeFOSE	ND	40.0	"								
N-MeFOSA	ND	4.00	"								
N-EtFOSE	ND	40.0	"								
N-EtFOSA	ND	4.00	"								
Surrogate: M3PFBS	*46.3*		*"*	*46.6*		*99.4*	*25-150*				
Surrogate: M5PFHxA	*53.2*		*"*	*50.0*		*106*	*25-150*				
Surrogate: M4PFHpA	*53.4*		*"*	*50.0*		*107*	*25-150*				
Surrogate: M3PFHxS	*52.8*		*"*	*47.4*		*111*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*50.7*		*"*	*50.0*		*101*	*25-150*				
Surrogate: M6PFDA	*24.4*		*"*	*25.0*		*97.7*	*25-150*				
Surrogate: M7PFUdA	*23.4*		*"*	*25.0*		*93.5*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30383 - EPA 1633 Prep											
Blank (BB30383-BLK1)											Prepared: 02/07/2023 Analyzed: 02/09/2023
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*18.0*		*ng/L*	*25.0*		*71.9*	*25-150*				
Surrogate: M2PFTeDA	*12.7*		*"*	*25.0*		*50.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*212*		*"*	*200*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*47.3*		*"*	*47.9*		*98.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*109*		*"*	*100*		*109*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*46.2*		*"*	*50.0*		*92.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*84.8*		*"*	*100*		*84.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*76.7*		*"*	*100*		*76.7*	*25-150*				
Surrogate: M2-6:2 FTS	*97.8*		*"*	*95.1*		*103*	*25-200*				
Surrogate: M2-8:2 FTS	*94.8*		*"*	*96.0*		*98.8*	*25-200*				
Surrogate: M9PFNA	*28.5*		*"*	*25.0*		*114*	*25-150*				
Surrogate: M2-4:2 FTS	*78.2*		*"*	*93.8*		*83.4*	*25-150*				
Surrogate: d-N-MeFOSA	*33.3*		*"*	*50.0*		*66.5*	*25-150*				
Surrogate: d-N-EtFOSA	*32.2*		*"*	*50.0*		*64.5*	*25-150*				
Surrogate: M3HFPO-DA	*225*		*"*	*200*		*113*	*25-150*				
Surrogate: d9-N-EtFOSE	*140*		*"*	*500*		*28.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*200*		*"*	*500*		*40.1*	*25-150*				
LCS (BB30383-BS1)											Prepared: 02/07/2023 Analyzed: 02/09/2023
Perfluorobutanesulfonic acid (PFBS)	57.4	3.54	ng/L	70.8		81.1	50-150				
Perfluorohexanoic acid (PFHxA)	63.5	4.00	"	80.0		79.4	50-150				
Perfluoroheptanoic acid (PFHpA)	73.5	4.00	"	80.0		91.8	50-150				
Perfluorohexanesulfonic acid (PFHxS)	60.8	3.66	"	73.2		83.1	50-150				
Perfluorooctanoic acid (PFOA)	63.3	4.00	"	80.0		79.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	60.1	3.72	"	74.4		80.8	50-150				
Perfluorononanoic acid (PFNA)	59.9	4.00	"	80.0		74.9	50-150				
Perfluorodecanoic acid (PFDA)	68.8	4.00	"	80.0		86.0	50-150				
Perfluoroundecanoic acid (PFUnA)	80.8	4.00	"	80.0		101	50-150				
Perfluorododecanoic acid (PFDoA)	66.0	4.00	"	80.0		82.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	83.5	4.00	"	80.0		104	50-150				
Perfluorotetradecanoic acid (PFTA)	74.4	4.00	"	80.0		93.0	50-150				
N-MeFOSAA	69.1	4.00	"	80.0		86.4	50-150				
N-EtFOSAA	59.8	4.00	"	80.0		74.8	50-150				
Perfluoropentanoic acid (PFPeA)	130	8.00	"	160		81.0	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	67.6	4.00	"	80.0		84.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	61.1	3.82	"	76.4		80.0	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	59.5	3.86	"	77.2		77.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	236	15.2	"	304		77.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	240	15.4	"	307		78.0	50-150				
Perfluoro-n-butanoic acid (PFBA)	262	16.0	"	320		81.9	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	118	7.12	"	142		82.7	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	128	8.00	"	160		80.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	133	8.00	"	160		83.3	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	134	8.00	"	160		83.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	60.5	3.76	"	75.2		80.5	50-150				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30383 - EPA 1633 Prep											
LCS (BB30383-BS1)								Prepared: 02/07/2023 Analyzed: 02/09/2023			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	244	15.0	ng/L	300		81.3	50-150				
HFPO-DA (Gen-X)	125	16.0	"	160		78.1	50-150				
11CL-PF3OUdS	124	15.1	"	151		82.3	50-150				
9CL-PF3ONS	130	15.0	"	150		86.9	50-150				
ADONA	117	15.1	"	151		77.4	50-150				
Perfluorododecanesulfonic acid (PFDoS)	63.0	3.88	"	77.6		81.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	69.5	3.84	"	76.8		90.5	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	290	10.0	"	320		90.8	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	1480	50.0	"	1600		92.6	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	1420	50.0	"	1600		88.8	50-150				
N-MeFOSE	689	40.0	"	800		86.1	50-150				
N-MeFOSA	92.6	4.00	"	80.0		116	50-150				
N-EtFOSE	693	40.0	"	800		86.6	50-150				
N-EtFOSA	69.3	4.00	"	80.0		86.6	50-150				
Surrogate: M3PFBS	*52.3*		"	*46.6*		*112*	*25-150*				
Surrogate: M5PFHxA	*59.5*		"	*50.0*		*119*	*25-150*				
Surrogate: M4PFHpA	*56.1*		"	*50.0*		*112*	*25-150*				
Surrogate: M3PFHxS	*57.8*		"	*47.4*		*122*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*60.3*		"	*50.0*		*121*	*25-150*				
Surrogate: M6PFDA	*27.0*		"	*25.0*		*108*	*25-150*				
Surrogate: M7PFUdA	*23.6*		"	*25.0*		*94.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*25.9*		"	*25.0*		*103*	*25-150*				
Surrogate: M2PFTeDA	*20.7*		"	*25.0*		*82.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*231*		"	*200*		*115*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*55.5*		"	*47.9*		*116*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*111*		"	*100*		*111*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.26*		"	*50.0*		*12.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*111*		"	*100*		*111*	*25-150*				
Surrogate: d5-N-EtFOSAA	*117*		"	*100*		*117*	*25-150*				
Surrogate: M2-6:2 FTS	*107*		"	*95.1*		*113*	*25-200*				
Surrogate: M2-8:2 FTS	*114*		"	*96.0*		*119*	*25-200*				
Surrogate: M9PFNA	*29.4*		"	*25.0*		*118*	*25-150*				
Surrogate: M2-4:2 FTS	*89.8*		"	*93.8*		*95.7*	*25-150*				
Surrogate: d-N-MeFOSA	*7.59*		"	*50.0*		*15.2*	*25-150*				
Surrogate: d-N-EtFOSA	*15.0*		"	*50.0*		*29.9*	*25-150*				
Surrogate: M3HFPO-DA	*243*		"	*200*		*122*	*25-150*				
Surrogate: d9-N-EtFOSE	*87.1*		"	*500*		*17.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*77.9*		"	*500*		*15.6*	*25-150*				

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30383 - EPA 1633 Prep											
LCS (BB30383-BS2)								Prepared: 02/07/2023 Analyzed: 02/09/2023			
Perfluorobutanesulfonic acid (PFBS)	6.02	3.54	ng/L	7.08		85.0	50-150				
Perfluorohexanoic acid (PFHxA)	7.11	4.00	"	8.00		88.9	50-150				
Perfluoroheptanoic acid (PFHpA)	7.85	4.00	"	8.00		98.1	50-150				
Perfluorohexanesulfonic acid (PFHxS)	7.21	3.66	"	7.32		98.5	50-150				
Perfluorooctanoic acid (PFOA)	7.04	4.00	"	8.00		88.0	50-150				
Perfluorooctanesulfonic acid (PFOS)	6.08	3.72	"	7.44		81.8	50-150				
Perfluorononanoic acid (PFNA)	5.63	4.00	"	8.00		70.3	50-150				
Perfluorodecanoic acid (PFDA)	7.72	4.00	"	8.00		96.5	50-150				
Perfluoroundecanoic acid (PFUnA)	6.53	4.00	"	8.00		81.6	50-150				
Perfluorododecanoic acid (PFDoA)	6.79	4.00	"	8.00		84.9	50-150				
Perfluorotridecanoic acid (PFTrDA)	8.26	4.00	"	8.00		103	50-150				
Perfluorotetradecanoic acid (PFTA)	7.14	4.00	"	8.00		89.3	50-150				
N-MeFOSAA	7.32	4.00	"	8.00		91.6	50-150				
N-EtFOSAA	6.02	4.00	"	8.00		75.3	50-150				
Perfluoropentanoic acid (PFPeA)	14.1	8.00	"	16.0		88.1	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	7.24	4.00	"	8.00		90.5	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	6.33	3.82	"	7.64		82.9	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	5.32	3.86	"	7.72		68.9	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	26.0	15.2	"	30.4		85.5	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	28.7	15.4	"	30.7		93.3	50-150				
Perfluoro-n-butanoic acid (PFBA)	27.8	16.0	"	32.0		87.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	13.4	7.12	"	14.2		94.2	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	13.9	8.00	"	16.0		86.6	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	14.3	8.00	"	16.0		89.1	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	15.1	8.00	"	16.0		94.7	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	6.32	3.76	"	7.52		84.0	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	27.8	15.0	"	30.0		92.7	50-150				
HFPO-DA (Gen-X)	13.6	16.0	"	16.0		84.8	50-150				
11CL-PF3OUdS	11.8	15.1	"	15.1		78.1	50-150				
9CL-PF3ONS	13.7	15.0	"	15.0		91.5	50-150				
ADONA	12.7	15.1	"	15.1		84.3	50-150				
Perfluorododecanesulfonic acid (PFDoS)	5.99	3.88	"	7.76		77.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	9.00	3.84	"	7.68		117	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	35.9	10.0	"	32.0		112	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	168	50.0	"	160		105	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	159	50.0	"	160		99.1	50-150				
N-MeFOSE	79.4	40.0	"	80.0		99.2	50-150				
N-MeFOSA	9.36	4.00	"	8.00		117	50-150				
N-EtFOSE	87.7	40.0	"	80.0		110	50-150				
N-EtFOSA	20.6	4.00	"	8.00		258	50-150	High Bias			
Surrogate: M3PFBS	*54.7*		*"*	*46.6*		*117*	*25-150*				
Surrogate: M5PFHxA	*60.4*		*"*	*50.0*		*121*	*25-150*				
Surrogate: M4PFHpA	*60.7*		*"*	*50.0*		*121*	*25-150*				
Surrogate: M3PFHxS	*59.3*		*"*	*47.4*		*125*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*63.9*		*"*	*50.0*		*128*	*25-150*				
Surrogate: M6PFDA	*29.3*		*"*	*25.0*		*117*	*25-150*				
Surrogate: M7PFUdA	*28.6*		*"*	*25.0*		*114*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30383 - EPA 1633 Prep											
LCS (BB30383-BS2)											Prepared: 02/07/2023 Analyzed: 02/09/2023
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*25.4*		*ng/L*	*25.0*		*102*	*25-150*				
Surrogate: M2PFTeDA	*22.7*		*"*	*25.0*		*90.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*240*		*"*	*200*		*120*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*56.7*		*"*	*47.9*		*118*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*118*		*"*	*100*		*118*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*6.43*		*"*	*50.0*		*12.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*110*		*"*	*100*		*110*	*25-150*				
Surrogate: d5-N-EtFOSAA	*115*		*"*	*100*		*115*	*25-150*				
Surrogate: M2-6:2 FTS	*116*		*"*	*95.1*		*122*	*25-200*				
Surrogate: M2-8:2 FTS	*117*		*"*	*96.0*		*122*	*25-200*				
Surrogate: M9PFNA	*31.1*		*"*	*25.0*		*125*	*25-150*				
Surrogate: M2-4:2 FTS	*90.7*		*"*	*93.8*		*96.7*	*25-150*				
Surrogate: d-N-MeFOSA	*9.82*		*"*	*50.0*		*19.6*	*25-150*				
Surrogate: d-N-EtFOSA	*13.8*		*"*	*50.0*		*27.6*	*25-150*				
Surrogate: M3HFPO-DA	*259*		*"*	*200*		*130*	*25-150*				
Surrogate: d9-N-EtFOSE	*68.0*		*"*	*500*		*13.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*68.4*		*"*	*500*		*13.7*	*25-150*				
Duplicate (BB30383-DUP1)	*Source sample: 23A1239-01RE1 (MW-1)										Prepared: 02/07/2023 Analyzed: 02/09/2023
Perfluorobutanesulfonic acid (PFBS)	6.41	3.16	ng/L		5.00				24.7	30	
Perfluorohexanoic acid (PFHxA)	19.9	3.57	"		21.5				7.69	30	
Perfluoroheptanoic acid (PFHpA)	14.6	3.57	"		15.9				8.54	30	
Perfluorohexanesulfonic acid (PFHxS)	10.4	3.26	"		8.13				24.7	30	
Perfluorooctanoic acid (PFOA)	50.0	3.57	"		47.4				5.48	30	
Perfluorooctanesulfonic acid (PFOS)	60.9	3.32	"		66.3				8.41	30	
Perfluorononanoic acid (PFNA)	1.11	3.57	"		6.75				144	30	Non-dir.
Perfluorodecanoic acid (PFDA)	14.6	3.57	"		5.15				95.8	30	Non-dir.
Perfluoroundecanoic acid (PFUnA)	ND	3.57	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	3.57	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	3.57	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	3.57	"		ND					30	
N-MeFOSAA	1.72	3.57	"		ND					30	
N-EtFOSAA	ND	3.57	"		ND					30	
Perfluoropentanoic acid (PFPeA)	28.6	7.13	"		17.7				47.0	30	Non-dir.
Perfluoro-1-octanesulfonamide (FOSA)	ND	3.57	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	3.41	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	3.44	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	13.6	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	13.7	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	11.1	14.3	"		20.7				60.4	30	Non-dir.
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	6.35	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	7.13	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	0.958	7.13	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	1.49	7.13	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	3.35	"		2.23					30	

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

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30383 - EPA 1633 Prep											
Duplicate (BB30383-DUP1)	*Source sample: 23A1239-01RE1 (MW-1)								Prepared: 02/07/2023 Analyzed: 02/09/2023		
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND	13.4	ng/L		ND					30	
HFPO-DA (Gen-X)	ND	14.3	"		ND					30	
11CL-PF3OUdS	ND	13.5	"		ND					30	
9CL-PF3ONS	ND	13.3	"		ND					30	
ADONA	ND	13.5	"		ND					30	
Perfluorododecanesulfonic acid (PFDoS)	ND	3.46	"		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	3.42	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	8.91	"		17.1					30	
3-Perfluoropentyl propanoic acid (FPePA)	85.2	44.6	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	75.6	44.6	"		ND					30	
N-MeFOSE	ND	35.7	"		ND					30	
N-MeFOSA	ND	3.57	"		ND					30	
N-EtFOSE	ND	35.7	"		ND					30	
N-EtFOSA	ND	3.57	"		ND					30	
Surrogate: M3PFBS	*0.574*		"	*41.5*		*1.38*	*25-150*				
Surrogate: M5PFHxA	*0.604*		"	*44.6*		*1.36*	*25-150*				
Surrogate: M4PFHpA	*1.18*		"	*44.6*		*2.65*	*25-150*				
Surrogate: M3PFHxS	*1.93*		"	*42.3*		*4.57*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.79*		"	*44.6*		*4.01*	*25-150*				
Surrogate: M6PFDA	*1.48*		"	*22.3*		*6.63*	*25-150*				
Surrogate: M7PFUdA	*2.64*		"	*22.3*		*11.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*5.27*		"	*22.3*		*23.7*	*25-150*				
Surrogate: M2PFTeDA	*12.5*		"	*22.3*		*55.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.79*		"	*178*		*1.00*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.18*		"	*42.7*		*7.44*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.522*		"	*89.1*		*0.586*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.35*		"	*44.6*		*5.27*	*10-150*				
Surrogate: d3-N-MeFOSAA	*13.1*		"	*89.1*		*14.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*21.5*		"	*89.1*		*24.2*	*25-150*				
Surrogate: M2-6:2 FTS	*2.46*		"	*84.8*		*2.90*	*25-200*				
Surrogate: M2-8:2 FTS	*4.74*		"	*85.6*		*5.54*	*25-200*				
Surrogate: M9PFNA	*1.34*		"	*22.3*		*6.00*	*25-150*				
Surrogate: M2-4:2 FTS	*0.636*		"	*83.6*		*0.760*	*25-150*				
Surrogate: d-N-MeFOSA	*4.44*		"	*44.6*		*9.97*	*25-150*				
Surrogate: d-N-EtFOSA	*6.93*		"	*44.6*		*15.5*	*25-150*				
Surrogate: M3HFPO-DA	*3.54*		"	*178*		*1.99*	*25-150*				
Surrogate: d9-N-EtFOSE	*74.3*		"	*446*		*16.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*65.5*		"	*446*		*14.7*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31445 - EPA SW846-3510C Low Level											
Blank (BA31445-BLK1)									Prepared: 01/27/2023 Analyzed: 01/28/2023		
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	"								
Chlordane, total (alpha, gamma)	ND	0.0100	"								
Surrogate: Decachlorobiphenyl	*0.128*		*"*	*0.200*		*64.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.152*		*"*	*0.200*		*76.0*	*30-150*				
LCS (BA31445-BS1)									Prepared: 01/27/2023 Analyzed: 01/28/2023		
4,4'-DDD	0.0820	0.00400	ug/L	0.100		82.0	40-140			20	
4,4'-DDE	0.0952	0.00400	"	0.100		95.2	40-140			20	
4,4'-DDT	0.106	0.00400	"	0.100		106	40-140			20	
Aldrin	0.0858	0.00400	"	0.100		85.8	40-140			20	
alpha-BHC	0.0806	0.00400	"	0.100		80.6	40-140			20	
alpha-Chlordane	0.0972	0.00400	"	0.100		97.2	40-140			20	
beta-BHC	0.107	0.00400	"	0.100		107	40-140			20	
delta-BHC	0.105	0.00400	"	0.100		105	40-140			20	
Dieldrin	0.104	0.00200	"	0.100		104	40-140			20	
Endosulfan I	0.0980	0.00400	"	0.100		98.0	40-140			20	
Endosulfan II	0.0922	0.00400	"	0.100		92.2	40-140			20	
Endosulfan sulfate	0.109	0.00400	"	0.100		109	40-140			20	
Endrin	0.109	0.00400	"	0.100		109	40-140			20	
Endrin aldehyde	0.110	0.0100	"	0.100		110	40-140			20	
Endrin ketone	0.110	0.0100	"	0.100		110	40-140			20	
gamma-BHC (Lindane)	0.0885	0.00400	"	0.100		88.5	40-140			20	
gamma-Chlordane	0.0926	0.0100	"	0.100		92.6	40-140			20	
Heptachlor	0.0908	0.00400	"	0.100		90.8	40-140			20	
Heptachlor epoxide	0.0876	0.00400	"	0.100		87.6	40-140			20	
Methoxychlor	0.120	0.00400	"	0.100		120	40-140			20	
Surrogate: Decachlorobiphenyl	*0.112*		*"*	*0.200*		*56.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.151*		*"*	*0.200*		*75.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31445 - EPA SW846-3510C Low Level											
Matrix Spike (BA31445-MS1)	*Source sample: 23A1188-01 (Matrix Spike)								Prepared: 01/27/2023 Analyzed: 02/08/2023		
4,4'-DDD	0.184	0.00800	ug/L	0.200	ND	92.0	30-150			20	
4,4'-DDE	0.178	0.00800	"	0.200	ND	88.8	30-150			20	
4,4'-DDT	0.220	0.00800	"	0.200	ND	110	30-150			20	
Aldrin	0.168	0.00800	"	0.200	ND	84.2	30-150			20	
alpha-BHC	0.167	0.00800	"	0.200	ND	83.4	30-150			20	
alpha-Chlordane	0.176	0.00800	"	0.200	ND	87.8	30-150			20	
beta-BHC	0.211	0.00800	"	0.200	ND	105	30-150			20	
delta-BHC	0.185	0.00800	"	0.200	ND	92.4	30-150			20	
Dieldrin	0.191	0.00400	"	0.200	ND	95.5	30-150			20	
Endosulfan I	0.182	0.00800	"	0.200	ND	90.9	30-150			20	
Endosulfan II	0.197	0.00800	"	0.200	ND	98.5	30-150			20	
Endosulfan sulfate	0.192	0.00800	"	0.200	ND	95.8	30-150			20	
Endrin	0.199	0.00800	"	0.200	ND	99.5	30-150			20	
Endrin aldehyde	0.188	0.0200	"	0.200	ND	93.8	30-150			20	
Endrin ketone	0.198	0.0200	"	0.200	ND	99.2	30-150			20	
gamma-BHC (Lindane)	0.180	0.00800	"	0.200	ND	89.9	30-150			20	
gamma-Chlordane	0.177	0.0200	"	0.200	ND	88.7	30-150			20	
Heptachlor	0.189	0.00800	"	0.200	ND	94.5	30-150			20	
Heptachlor epoxide	0.189	0.00800	"	0.200	ND	94.3	30-150			20	
Methoxychlor	0.231	0.00800	"	0.200	ND	115	30-150			20	
Surrogate: Decachlorobiphenyl	*0.292*		*"*	*0.400*		*73.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.315*		*"*	*0.400*		*78.8*	*30-150*				
Matrix Spike Dup (BA31445-MSD1)	*Source sample: 23A1188-01 (Matrix Spike Dup)								Prepared: 01/27/2023 Analyzed: 02/08/2023		
4,4'-DDD	0.0937	0.00444	ug/L	0.111	ND	84.3	30-150		65.1	20	Non-dir.
4,4'-DDE	0.0957	0.00444	"	0.111	ND	86.2	30-150		59.9	20	Non-dir.
4,4'-DDT	0.126	0.00444	"	0.111	ND	114	30-150		54.0	20	Non-dir.
Aldrin	0.0925	0.00444	"	0.111	ND	83.3	30-150		58.2	20	Non-dir.
alpha-BHC	0.0907	0.00444	"	0.111	ND	81.6	30-150		59.1	20	Non-dir.
alpha-Chlordane	0.0957	0.00444	"	0.111	ND	86.1	30-150		58.9	20	Non-dir.
beta-BHC	0.113	0.00444	"	0.111	ND	102	30-150		60.1	20	Non-dir.
delta-BHC	0.109	0.00444	"	0.111	ND	97.9	30-150		51.8	20	Non-dir.
Dieldrin	0.104	0.00222	"	0.111	ND	93.4	30-150		59.2	20	Non-dir.
Endosulfan I	0.0985	0.00444	"	0.111	ND	88.7	30-150		59.4	20	Non-dir.
Endosulfan II	0.102	0.00444	"	0.111	ND	91.4	30-150		63.9	20	Non-dir.
Endosulfan sulfate	0.113	0.00444	"	0.111	ND	102	30-150		51.8	20	Non-dir.
Endrin	0.111	0.00444	"	0.111	ND	99.6	30-150		57.0	20	Non-dir.
Endrin aldehyde	0.107	0.0111	"	0.111	ND	96.7	30-150		54.4	20	Non-dir.
Endrin ketone	0.108	0.0111	"	0.111	ND	97.2	30-150		59.0	20	Non-dir.
gamma-BHC (Lindane)	0.0976	0.00444	"	0.111	ND	87.8	30-150		59.3	20	Non-dir.
gamma-Chlordane	0.0959	0.0111	"	0.111	ND	86.3	30-150		59.7	20	Non-dir.
Heptachlor	0.102	0.00444	"	0.111	ND	91.9	30-150		59.6	20	Non-dir.
Heptachlor epoxide	0.0966	0.00444	"	0.111	ND	86.9	30-150		64.6	20	Non-dir.
Methoxychlor	0.132	0.00444	"	0.111	ND	119	30-150		54.2	20	Non-dir.
Surrogate: Decachlorobiphenyl	*0.149*		*"*	*0.222*		*67.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.173*		*"*	*0.222*		*78.1*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31445 - EPA SW846-3510C Low Level											
Blank (BA31445-BLK2)									Prepared: 01/27/2023 Analyzed: 01/31/2023		
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	*0.161*		"	*0.200*		*80.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.125*		"	*0.200*		*62.5*	*30-150*				
LCS (BA31445-BS2)									Prepared: 01/27/2023 Analyzed: 01/31/2023		
Aroclor 1016	0.958	0.0500	ug/L	1.00		95.8	40-120			20	
Aroclor 1260	0.852	0.0500	"	1.00		85.2	40-120			20	
Surrogate: Tetrachloro-m-xylene	*0.206*		"	*0.200*		*103*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.158*		"	*0.200*		*79.0*	*30-150*				
Matrix Spike (BA31445-MS2)	*Source sample: 23A1188-01 (Matrix Spike)								Prepared: 01/27/2023 Analyzed: 01/31/2023		
Aroclor 1016	1.13	0.0645	ug/L	1.29	ND	87.7	40-140			20	
Aroclor 1260	1.13	0.0645	"	1.29	ND	87.3	40-140			20	
Surrogate: Tetrachloro-m-xylene	*0.275*		"	*0.258*		*106*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.232*		"	*0.258*		*90.0*	*30-150*				
Matrix Spike Dup (BA31445-MSD2)	*Source sample: 23A1188-01 (Matrix Spike Dup)								Prepared: 01/27/2023 Analyzed: 02/01/2023		
Aroclor 1016	0.926	0.0541	ug/L	1.08	ND	85.6	40-140		20.1	20	Non-dir.
Aroclor 1260	0.965	0.0541	"	1.08	ND	89.2	40-140		15.5	20	
Surrogate: Tetrachloro-m-xylene	*0.173*		"	*0.216*		*80.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.161*		"	*0.216*		*74.5*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31552 - EPA 3015A											
Blank (BA31552-BLK1)								Prepared & Analyzed: 01/30/2023			
Aluminum	0.346	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	0.0628	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	0.420	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BA31552-BS1)								Prepared & Analyzed: 01/30/2023			
Aluminum	2.15		ug/mL	2.00		107	80-120				
Barium	1.91		"	2.00		95.6	80-120				
Calcium	1.07		"	1.00		107	80-120				
Chromium	0.182		"	0.200		91.2	80-120				
Cobalt	0.483		"	0.500		96.7	80-120				
Copper	0.239		"	0.250		95.6	80-120				
Iron	1.55		"	1.00		155	80-120	High Bias			
Lead	0.499		"	0.500		99.9	80-120				
Magnesium	0.941		"	1.00		94.1	80-120				
Manganese	0.479		"	0.500		95.9	80-120				
Nickel	0.467		"	0.500		93.4	80-120				
Potassium	0.947		"	1.00		94.7	80-120				
Silver	0.0447		"	0.0500		89.4	80-120				
Sodium	1.02		"	1.00		102	80-120				
Vanadium	0.461		"	0.500		92.2	80-120				
Zinc	0.469		"	0.500		93.8	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31552 - EPA 3015A											
Duplicate (BA31552-DUP1)	*Source sample: 23A1360-02 (Duplicate)								Prepared & Analyzed: 01/30/2023		
Aluminum	0.152	0.0556	mg/L		0.0979				43.1	20	Non-dir.
Barium	0.179	0.0278	"		0.165				8.09	20	
Calcium	159	0.0556	"		154				3.03	20	
Chromium	0.0157	0.00556	"		0.0163				3.51	20	
Cobalt	ND	0.00444	"		ND					20	
Copper	0.136	0.0222	"		0.123				10.3	20	
Iron	0.464	0.278	"		0.432				7.06	20	
Lead	ND	0.00556	"		ND					20	
Magnesium	56.8	0.0556	"		51.2				10.3	20	
Manganese	11.1	0.00556	"		10.3				7.48	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	25.3	0.0556	"		24.5				3.10	20	
Silver	ND	0.00556	"		ND					20	
Sodium	246	0.556	"		238				3.32	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	0.209	0.0278	"		0.192				8.48	20	
Matrix Spike (BA31552-MS1)	*Source sample: 23A1360-02 (Matrix Spike)								Prepared & Analyzed: 01/30/2023		
Aluminum	2.12	0.0556	mg/L	2.22	0.0979	90.9	75-125				
Barium	2.22	0.0278	"	2.22	0.165	92.6	75-125				
Calcium	151	0.0556	"	1.11	154	NR	75-125	Low Bias			
Chromium	0.206	0.00556	"	0.222	0.0163	85.6	75-125				
Cobalt	0.502	0.00444	"	0.556	ND	90.4	75-125				
Copper	0.390	0.0222	"	0.278	0.123	96.2	75-125				
Iron	1.41	0.278	"	1.11	0.432	88.3	75-125				
Lead	0.508	0.00556	"	0.556	ND	91.4	75-125				
Magnesium	51.8	0.0556	"	1.11	51.2	52.0	75-125	Low Bias			
Manganese	10.7	0.00556	"	0.556	10.3	68.6	75-125	Low Bias			
Nickel	0.512	0.0111	"	0.556	ND	92.2	75-125				
Potassium	23.9	0.0556	"	1.11	24.5	NR	75-125	Low Bias			
Silver	0.0521	0.00556	"	0.0556	ND	93.7	75-125				
Sodium	233	0.556	"	1.11	238	NR	75-125	Low Bias			
Vanadium	0.511	0.0111	"	0.556	ND	91.9	75-125				
Zinc	0.683	0.0278	"	0.556	0.192	88.3	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31552 - EPA 3015A											
Post Spike (BA31552-PS1)	*Source sample: 23A1360-02 (Post Spike)							Prepared & Analyzed: 01/30/2023			
Aluminum	2.02		ug/mL	2.00	0.0881	96.7	75-125				
Barium	2.15		"	2.00	0.149	100	75-125				
Calcium	132		"	1.00	139	NR	75-125	Low Bias			
Chromium	0.202		"	0.200	0.0147	93.5	75-125				
Cobalt	0.489		"	0.500	0.000805	97.6	75-125				
Copper	0.368		"	0.250	0.111	103	75-125				
Iron	1.35		"	1.00	0.389	96.0	75-125				
Lead	0.470		"	0.500	-0.00525	93.9	75-125				
Magnesium	46.4		"	1.00	46.1	35.2	75-125	Low Bias			
Manganese	9.56		"	0.500	9.25	63.0	75-125	Low Bias			
Nickel	0.498		"	0.500	-0.0000873	99.5	75-125				
Potassium	21.3		"	1.00	22.1	NR	75-125	Low Bias			
Silver	0.0408		"	0.0500	0.000603	80.4	75-125				
Sodium	203		"	1.00	214	NR	75-125	Low Bias			
Vanadium	0.499		"	0.500	-0.00109	99.9	75-125				
Zinc	0.649		"	0.500	0.173	95.2	75-125				
Batch BB30021 - EPA 3015A											
Blank (BB30021-BLK1)								Prepared: 02/01/2023 Analyzed: 02/03/2023			
Aluminum - Dissolved	0.0735	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30021 - EPA 3015A											
LCS (BB30021-BS1)									Prepared: 02/01/2023 Analyzed: 02/03/2023		
Aluminum - Dissolved	1.60		ug/mL	2.00		80.0	80-120				
Barium - Dissolved	1.94		"	2.00		97.0	80-120				
Calcium - Dissolved	0.959		"	1.00		95.9	80-120				
Chromium - Dissolved	0.188		"	0.200		93.9	80-120				
Cobalt - Dissolved	0.496		"	0.500		99.2	80-120				
Copper - Dissolved	0.244		"	0.250		97.7	80-120				
Iron - Dissolved	0.942		"	1.00		94.2	80-120				
Lead - Dissolved	0.471		"	0.500		94.1	80-120				
Magnesium - Dissolved	0.932		"	1.00		93.2	80-120				
Manganese - Dissolved	0.480		"	0.500		95.9	80-120				
Nickel - Dissolved	0.475		"	0.500		95.0	80-120				
Potassium - Dissolved	0.909		"	1.00		90.9	80-120				
Silver - Dissolved	0.0463		"	0.0500		92.6	80-120				
Sodium - Dissolved	1.12		"	1.00		112	80-120				
Vanadium - Dissolved	0.467		"	0.500		93.3	80-120				
Zinc - Dissolved	0.484		"	0.500		96.8	80-120				
Duplicate (BB30021-DUP1)	*Source sample: 23A1484-01 (Duplicate)								Prepared: 02/01/2023 Analyzed: 02/03/2023		
Aluminum - Dissolved	0.537	0.0556	mg/L		0.582				7.93	20	
Barium - Dissolved	0.202	0.0278	"		0.211				4.36	20	
Calcium - Dissolved	112	0.0556	"		118				5.16	20	
Chromium - Dissolved	ND	0.00556	"		ND					20	
Cobalt - Dissolved	ND	0.00444	"		ND					20	
Copper - Dissolved	ND	0.0222	"		ND					20	
Iron - Dissolved	1.56	0.278	"		1.61				3.18	20	
Lead - Dissolved	0.0522	0.00556	"		0.0549				5.15	20	
Magnesium - Dissolved	26.6	0.0556	"		27.3				2.28	20	
Manganese - Dissolved	0.165	0.00556	"		0.169				2.47	20	
Nickel - Dissolved	ND	0.0111	"		ND					20	
Potassium - Dissolved	56.8	0.0556	"		57.7				1.45	20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	214	0.556	"		218				1.97	20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	0.0882	0.0278	"		0.0911				3.21	20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30021 - EPA 3015A											
Matrix Spike (BB30021-MS1)	*Source sample: 23A1484-01 (Matrix Spike)							Prepared: 02/01/2023 Analyzed: 02/03/2023			
Aluminum - Dissolved	2.59	0.0556	mg/L	2.22	0.582	90.4	75-125				
Barium - Dissolved	2.32	0.0278	"	2.22	0.211	95.0	75-125				
Calcium - Dissolved	115	0.0556	"	1.11	118	NR	75-125	Low Bias			
Chromium - Dissolved	0.204	0.00556	"	0.222	ND	92.0	75-125				
Cobalt - Dissolved	0.542	0.00444	"	0.556	ND	97.6	75-125				
Copper - Dissolved	0.288	0.0222	"	0.278	ND	104	75-125				
Iron - Dissolved	2.55	0.278	"	1.11	1.61	84.3	75-125				
Lead - Dissolved	0.555	0.00556	"	0.556	0.0549	89.9	75-125				
Magnesium - Dissolved	27.3	0.0556	"	1.11	27.3	7.92	75-125	Low Bias			
Manganese - Dissolved	0.690	0.00556	"	0.556	0.169	93.8	75-125				
Nickel - Dissolved	0.539	0.0111	"	0.556	ND	97.1	75-125				
Potassium - Dissolved	57.4	0.0556	"	1.11	57.7	NR	75-125	Low Bias			
Silver - Dissolved	0.0481	0.00556	"	0.0556	ND	86.5	75-125				
Sodium - Dissolved	211	0.556	"	1.11	218	NR	75-125	Low Bias			
Vanadium - Dissolved	0.522	0.0111	"	0.556	ND	93.9	75-125				
Zinc - Dissolved	0.633	0.0278	"	0.556	0.0911	97.5	75-125				
Post Spike (BB30021-PS1)	*Source sample: 23A1484-01 (Post Spike)							Prepared: 02/01/2023 Analyzed: 02/03/2023			
Aluminum - Dissolved	2.79		ug/mL	2.00	0.523	113	75-125				
Barium - Dissolved	2.43		"	2.00	0.190	112	75-125				
Calcium - Dissolved	101		"	1.00	106	NR	75-125	Low Bias			
Chromium - Dissolved	0.220		"	0.200	0.00235	109	75-125				
Cobalt - Dissolved	0.571		"	0.500	0.000274	114	75-125				
Copper - Dissolved	0.306		"	0.250	0.00878	119	75-125				
Iron - Dissolved	2.59		"	1.00	1.45	114	75-125				
Lead - Dissolved	0.575		"	0.500	0.0494	105	75-125				
Magnesium - Dissolved	26.9		"	1.00	24.5	235	75-125	High Bias			
Manganese - Dissolved	0.717		"	0.500	0.152	113	75-125				
Nickel - Dissolved	0.568		"	0.500	-0.00359	114	75-125				
Potassium - Dissolved	51.9		"	1.00	51.9	3.16	75-125	Low Bias			
Silver - Dissolved	0.0408		"	0.0500	0.000427	80.7	75-125				
Sodium - Dissolved	189		"	1.00	196	NR	75-125	Low Bias			
Vanadium - Dissolved	0.553		"	0.500	0.00447	110	75-125				
Zinc - Dissolved	0.660		"	0.500	0.0820	116	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31579 - EPA 3015A											
Blank (BA31579-BLK1)									Prepared: 01/30/2023 Analyzed: 02/01/2023		
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 (BA31579-BS1)									Prepared: 01/30/2023 Analyzed: 02/01/2023		
Antimony	45.1		ug/L	50.0		90.2	80-120				
Arsenic	50.1		"	50.0		100	80-120				
Beryllium	53.6		"	50.0		107	80-120				
Cadmium	46.9		"	50.0		93.8	80-120				
Selenium	54.8		"	50.0		110	80-120				
Thallium	59.7		"	50.0		119	80-120				
Duplicate (BA31579-DUP1)	*Source sample: 23A1188-01 (Duplicate)								Prepared: 01/30/2023 Analyzed: 02/01/2023		
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	"		ND					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Selenium	ND	1.11	"		ND					20	
Thallium	ND	1.11	"		ND					20	
Matrix Spike (BA31579-MS1)	*Source sample: 23A1188-01 (Matrix Spike)								Prepared: 01/30/2023 Analyzed: 02/01/2023		
Antimony	51.6		ug/L	50.0	-0.121	103	75-125				
Arsenic	54.5		"	50.0	-0.102	109	75-125				
Beryllium	40.4		"	50.0	-0.030	80.7	75-125				
Cadmium	50.3		"	50.0	-0.024	101	75-125				
Selenium	58.6		"	50.0	-0.300	117	75-125				
Thallium	70.1		"	50.0	-0.023	140	75-125	High Bias			

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB30149 - EPA 3015A											
Blank (BB30149-BLK1)										Prepared: 02/02/2023 Analyzed: 02/03/2023	
Antimony - Dissolved	ND	1.11	ug/L								
Arsenic - Dissolved	ND	1.11	"								
Beryllium - Dissolved	ND	0.333	"								
Cadmium - Dissolved	ND	0.556	"								
Selenium - Dissolved	ND	1.11	"								
Thallium - Dissolved	ND	1.11	"								
LCS (BB30149-BS1)										Prepared: 02/02/2023 Analyzed: 02/03/2023	
Antimony - Dissolved	45.8		ug/L	50.0		91.6	80-120				
Arsenic - Dissolved	49.6		"	50.0		99.2	80-120				
Beryllium - Dissolved	53.4		"	50.0		107	80-120				
Cadmium - Dissolved	49.1		"	50.0		98.3	80-120				
Selenium - Dissolved	49.4		"	50.0		98.8	80-120				
Thallium - Dissolved	49.5		"	50.0		99.0	80-120				
Duplicate (BB30149-DUP1)	*Source sample: 23A1360-02 (Duplicate)									Prepared: 02/02/2023 Analyzed: 02/03/2023	
Antimony - Dissolved	ND	1.11	ug/L		ND					20	
Arsenic - Dissolved	ND	1.11	"		ND					20	
Beryllium - Dissolved	ND	0.333	"		ND					20	
Cadmium - Dissolved	ND	0.556	"		ND					20	
Selenium - Dissolved	ND	1.11	"		ND					20	
Thallium - Dissolved	ND	1.11	"		ND					20	
Matrix Spike (BB30149-MS1)	*Source sample: 23A1360-02 (Matrix Spike)									Prepared: 02/02/2023 Analyzed: 02/03/2023	
Antimony - Dissolved	46.3		ug/L	50.0	0.025	92.6	75-125				
Arsenic - Dissolved	52.0		"	50.0	0.334	103	75-125				
Beryllium - Dissolved	44.5		"	50.0	-0.003	88.9	75-125				
Cadmium - Dissolved	48.0		"	50.0	0.127	95.7	75-125				
Selenium - Dissolved	63.0		"	50.0	0.569	125	75-125				
Thallium - Dissolved	54.9		"	50.0	0.022	110	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31692 - EPA SW846-7470A											
Blank (BA31692-BLK1)								Prepared & Analyzed: 01/31/2023			
Mercury	ND	0.0002	mg/L								
LCS (BA31692-BS1)								Prepared & Analyzed: 01/31/2023			
Mercury	0.0020358	0.0002	mg/L	0.00200		102	80-120				
Duplicate (BA31692-DUP1)	*Source sample: 23A1188-01 (Duplicate)							Prepared & Analyzed: 01/31/2023			
Mercury	ND	0.0002	mg/L		ND					20	
Matrix Spike (BA31692-MS1)	*Source sample: 23A1188-01 (Matrix Spike)							Prepared & Analyzed: 01/31/2023			
Mercury	0.0020	0.0002	mg/L	0.00200	ND	98.6	75-125				
Batch BB30077 - EPA SW846-7470A											
Blank (BB30077-BLK1)								Prepared & Analyzed: 02/01/2023			
Mercury - Dissolved	ND	0.0002	mg/L								
LCS (BB30077-BS1)								Prepared & Analyzed: 02/01/2023			
Mercury - Dissolved	0.0020	0.0002	mg/L	0.00200		101	80-120				
Duplicate (BB30077-DUP1)	*Source sample: 23A1188-01 (Duplicate)							Prepared & Analyzed: 02/01/2023			
Mercury - Dissolved	ND	0.0002	mg/L		ND					20	
Matrix Spike (BB30077-MS1)	*Source sample: 23A1188-01 (Matrix Spike)							Prepared & Analyzed: 02/01/2023			
Mercury - Dissolved	0.0021	0.0002	mg/L	0.00200	ND	104	75-125				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31432 - Analysis Preparation											
Blank (BA31432-BLK1)									Prepared & Analyzed: 01/26/2023		
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BA31432-BS1)									Prepared & Analyzed: 01/26/2023		
Chromium, Hexavalent	0.553	0.0100	mg/L	0.500		111	80-120				
Duplicate (BA31432-DUP1)	*Source sample: 23A1239-01 (MW-1)								Prepared & Analyzed: 01/26/2023		
Chromium, Hexavalent	ND	0.0100	mg/L		3.57					20	
Matrix Spike (BA31432-MS1)	*Source sample: 23A1239-01 (MW-1)								Prepared & Analyzed: 01/26/2023		
Chromium, Hexavalent	1.76	0.0100	mg/L	0.500	3.57	NR	75-125	Low Bias			

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23A1239-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A1239-02	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A1239-03	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A1239-04	FB012623	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23A1239-05	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
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-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater than the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
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.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-PS	This Element exhibted recovery outside control limits for the Post Spike.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) exceeded 110% of the expected value. Positive detections may be biased high.
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.
HT-01R	This flag indicates that the sample was initially analyzed within recommended hold time and that a re-run was performed outside of the hold time.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
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
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions

York Project No. 23A1239

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time
Company: Vektor Consultants	SAME [X]	SAME [X]	315 Grand Concourse, Bronx, New York	RUSH-Same Day
Address: 37 West 37th Street, 6th Floor, New York, NY 10018	Name:	Name:	Purchase Order #	RUSH-Next Day
Phone.: (347) 871-0750	Company:	Company:		RUSH-Two Day
Contact: Ezgi Karayel	Address: dklein@vektorconsultants.com	Address:		RUSH-Three Day
E-mail: ezgi@vektorconsultants.com			Samples from CT__NY_X_NJ__	RUSH-Four Day
				Standard (5-7day) X

Report/Deliverable Type

Summary Report	
QA Report	X
CT RCP	
CT RCP DQA/DUE Pkg	
NY ASP A Package	
NY ASP B Package	X
NJDEP Reduced Deliv	
Excel	X
NYSDEC EQuIS	X
NJDEP SRP HazSite EQuIS	
GIS/KEY (std)	

YORK Regulatory Comp Excel compared to:

OTHER:

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/Authorized By (Signature)

Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082 PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081 Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151 Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Routine
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded
Halog.only	NJDEP list	App. IX	Chlordane	Soils Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW- 1	1/26/23 1100	GW	TCL VOCs, TCL SVOCs, PCBs, Pesticides, TAL Metals (filtered and unfiltered), hexavalent chromium, trivalent chromium, PFAS, and 1,4-dioxane	3- 1L Ambers, 1- 500 ml amber, 1-250ml plastic, 1-250 ml plastic w/ HNO3, 3-40 mil VOAs w/ HCL, 3-250 ml plastics-PFAS
MW- 3	1/26/23 0940	GW	same as above	same as above
MW- 2	1/26/23 1200	GW	same as above	same as above
~~MW-DUP~~		~~GW~~	~~same as above~~	~~same as above~~
FB012623	1/26/23 0900	FB	same as above	same as above
TB	LAB	TB	TCL VOCS	2-40 mil VOAs w/ HCL
			REL - Victor D. York 1/26/23 15:00	
			REL - Victor D. York 1/26/23 2005	

Comments:

Preservation (check all applicable) °C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc____ Ascorbic Acid____ Other____

Special Instructions
Field Filtered ☐
Lab to Filter ☒

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	1/26/23 1535		1/26/23 1535
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
	1/26/23 15:00		1/26/23 2005

Temperature on Receipt 2.1 °C

APPENDIX I

LABORATORY ANALYTICAL REPORTS & DATA USABILITY SUMMARY REPORT FOR SOIL VAPOR SAMPLES

Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 01/20/2023
Client Project ID: 315 Grand Concourse Bronx NY
York Project (SDG) No.: 23A0582

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: 01/20/2023
Client Project ID: 315 Grand Concourse Bronx NY
York Project (SDG) No.: 23A0582

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

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 January 12, 2023 and listed below. The project was identified as your project: **315 Grand Concourse Bronx 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
23A0582-01	23 SV-1	Soil Vapor	01/12/2023	01/12/2023
23A0582-02	23 SV-2	Soil Vapor	01/12/2023	01/12/2023
23A0582-03	23 SV-3	Soil Vapor	01/12/2023	01/12/2023
23A0582-04	23 SV-4	Soil Vapor	01/12/2023	01/12/2023
23A0582-05	23 SV-5	Soil Vapor	01/12/2023	01/12/2023
23A0582-06	23 SV-7	Soil Vapor	01/12/2023	01/12/2023
23A0582-07	23 SV-8	Soil Vapor	01/12/2023	01/12/2023
23A0582-08	23 SV-9	Soil Vapor	01/12/2023	01/12/2023
23A0582-09	23 SV-10	Soil Vapor	01/12/2023	01/12/2023
23A0582-10	23 SV-11	Soil Vapor	01/12/2023	01/12/2023
23A0582-11	23 OA-1	Outdoor Ambient Ai	01/12/2023	01/12/2023

General Notes for York Project (SDG) No.: 23A0582

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:** 01/20/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: 23 SV-1 **York Sample ID:** 23A0582-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:16 am	01/12/2023

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		ppbv	0.16	1.611	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 20:36	VH
71-55-6	1,1,1-Trichloroethane	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
75-34-3	1,1-Dichloroethane	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.040	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
95-63-6	**1,2,4-Trimethylbenzene**	**0.42**		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
106-93-4	1,2-Dibromoethane	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
107-06-2	1,2-Dichloroethane	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
78-87-5	1,2-Dichloropropane	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
106-99-0	1,3-Butadiene	ND		ppbv	0.48	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
142-28-9	* 1,3-Dichloropropane	ND		ppbv	0.16	1.611	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 20:36	VH
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
123-91-1	1,4-Dioxane	ND		ppbv	0.32	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
78-93-3	**2-Butanone**	**1.9**		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
591-78-6	* 2-Hexanone	ND		ppbv	0.32	1.611	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 20:36	VH

Sample Information

Client Sample ID: 23 SV-1 **York Sample ID:** 23A0582-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:16 am	01/12/2023

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		ppbv	0.81	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
108-10-1	**4-Methyl-2-pentanone**	**0.18**		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
67-64-1	**Acetone**	**15**		ppbv	0.32	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
107-13-1	Acrylonitrile	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
71-43-2	**Benzene**	**0.34**		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
100-44-7	Benzyl chloride	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
75-27-4	Bromodichloromethane	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
75-25-2	Bromoform	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
74-83-9	Bromomethane	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
75-15-0	**Carbon disulfide**	**0.23**		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
56-23-5	Carbon tetrachloride	ND		ppbv	0.040	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
108-90-7	Chlorobenzene	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
75-00-3	Chloroethane	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
67-66-3	Chloroform	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
74-87-3	Chloromethane	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	0.040	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
110-82-7	Cyclohexane	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
124-48-1	Dibromochloromethane	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
75-71-8	**Dichlorodifluoromethane**	**0.45**		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
141-78-6	* Ethyl acetate	ND		ppbv	0.32	1.611	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 20:36	VH
100-41-4	**Ethyl Benzene**	**1.1**		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH

Sample Information

Client Sample ID: 23 SV-1 **York Sample ID:** 23A0582-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:16 am	01/12/2023

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
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
67-63-0	**Isopropanol**	**2.5**		ppbv	0.32	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
80-62-6	Methyl Methacrylate	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
75-09-2	Methylene chloride	ND		ppbv	0.32	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
142-82-5	n-Heptane	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
110-54-3	**n-Hexane**	**0.35**		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
95-47-6	**o-Xylene**	**1.3**		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
179601-23-1	**p- & m- Xylenes**	**3.5**		ppbv	0.32	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
622-96-8	*** p-Ethyltoluene**	**0.35**		ppbv	0.16	1.611	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 20:36	VH
115-07-1	*** Propylene**	**1.3**		ppbv	0.16	1.611	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 20:36	VH
100-42-5	Styrene	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
127-18-4	**Tetrachloroethylene**	**2.4**		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
109-99-9	*** Tetrahydrofuran**	**0.34**		ppbv	0.32	1.611	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 20:36	VH
108-88-3	**Toluene**	**10**		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
79-01-6	Trichloroethylene	ND		ppbv	0.040	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.19**		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
108-05-4	Vinyl acetate	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH
593-60-2	Vinyl bromide	ND		ppbv	0.16	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH

Sample Information

Client Sample ID: 23 SV-1 **York Sample ID:** 23A0582-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:16 am	01/12/2023

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
75-01-4	Vinyl Chloride	ND		ppbv	0.081	1.611	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 20:36	VH

Sample Information

Client Sample ID: 23 SV-2 **York Sample ID:** 23A0582-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:16 am	01/12/2023

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		ppbv	0.19	1.928	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 21:29	VH
71-55-6	1,1,1-Trichloroethane	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
75-34-3	1,1-Dichloroethane	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.048	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
95-63-6	**1,2,4-Trimethylbenzene**	**0.46**		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
106-93-4	1,2-Dibromoethane	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
107-06-2	1,2-Dichloroethane	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
78-87-5	1,2-Dichloropropane	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH

Sample Information

Client Sample ID: 23 SV-2 **York Sample ID:** 23A0582-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:16 am	01/12/2023

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
106-99-0	1,3-Butadiene	ND		ppbv	0.58	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
142-28-9	* 1,3-Dichloropropane	ND		ppbv	0.19	1.928	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 21:29	VH
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
123-91-1	1,4-Dioxane	ND		ppbv	0.39	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
78-93-3	**2-Butanone**	**3.4**		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
591-78-6	*** 2-Hexanone**	**0.39**		ppbv	0.39	1.928	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 21:29	VH
107-05-1	3-Chloropropene	ND		ppbv	0.96	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
108-10-1	**4-Methyl-2-pentanone**	**0.50**		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
67-64-1	**Acetone**	**39**		ppbv	0.39	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
107-13-1	Acrylonitrile	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
71-43-2	Benzene	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
100-44-7	Benzyl chloride	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
75-27-4	Bromodichloromethane	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
75-25-2	Bromoform	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
74-83-9	Bromomethane	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
75-15-0	**Carbon disulfide**	**0.25**		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
56-23-5	Carbon tetrachloride	ND		ppbv	0.048	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
108-90-7	Chlorobenzene	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
75-00-3	Chloroethane	ND		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
67-66-3	**Chloroform**	**1.6**		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
74-87-3	**Chloromethane**	**0.19**		ppbv	0.19	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	0.048	1.928	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 21:29	VH

Sample Information

Client Sample ID: 23 SV-2 **York Sample ID:** 23A0582-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:16 am	01/12/2023

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.19	1.928	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 21:29	VH
110-82-7	Cyclohexane	ND		ppbv	0.19	1.928	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 21:29	VH
124-48-1	Dibromochloromethane	ND		ppbv	0.19	1.928	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 21:29	VH
75-71-8	**Dichlorodifluoromethane**	**0.46**		ppbv	0.19	1.928	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 21:29	VH
141-78-6	* Ethyl acetate	ND		ppbv	0.39	1.928	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 21:29	VH
100-41-4	**Ethyl Benzene**	**0.89**		ppbv	0.19	1.928	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 21:29	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ppbv	0.19	1.928	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 21:29	VH
67-63-0	**Isopropanol**	**9.2**		ppbv	0.39	1.928	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 21:29	VH
80-62-6	Methyl Methacrylate	ND		ppbv	0.19	1.928	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 21:29	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	0.19	1.928	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 21:29	VH
75-09-2	Methylene chloride	ND		ppbv	0.39	1.928	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 21:29	VH
142-82-5	n-Heptane	ND		ppbv	0.19	1.928	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 21:29	VH
110-54-3	**n-Hexane**	**0.25**		ppbv	0.19	1.928	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 21:29	VH
95-47-6	**o-Xylene**	**0.79**		ppbv	0.19	1.928	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 21:29	VH
179601-23-1	**p- & m- Xylenes**	**2.6**		ppbv	0.39	1.928	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 21:29	VH
622-96-8	*** p-Ethyltoluene**	**0.35**		ppbv	0.19	1.928	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 21:29	VH
115-07-1	* Propylene	ND		ppbv	0.19	1.928	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 21:29	VH
100-42-5	Styrene	ND		ppbv	0.19	1.928	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 21:29	VH
127-18-4	**Tetrachloroethylene**	**0.83**		ppbv	0.19	1.928	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 21:29	VH
109-99-9	*** Tetrahydrofuran**	**0.87**		ppbv	0.39	1.928	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 21:29	VH
108-88-3	**Toluene**	**9.3**		ppbv	0.19	1.928	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 21:29	VH

Sample Information

Client Sample ID: 23 SV-2 **York Sample ID:** 23A0582-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:16 am	01/12/2023

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
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.19	1.928	EPA TO-15	01/19/2023 08:00	01/19/2023 21:29	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.19	1.928	EPA TO-15	01/19/2023 08:00	01/19/2023 21:29	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ppbv	0.048	1.928	EPA TO-15	01/19/2023 08:00	01/19/2023 21:29	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.19**		ppbv	0.19	1.928	EPA TO-15	01/19/2023 08:00	01/19/2023 21:29	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ppbv	0.19	1.928	EPA TO-15	01/19/2023 08:00	01/19/2023 21:29	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ppbv	0.19	1.928	EPA TO-15	01/19/2023 08:00	01/19/2023 21:29	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ppbv	0.096	1.928	EPA TO-15	01/19/2023 08:00	01/19/2023 21:29	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: 23 SV-3 **York Sample ID:** 23A0582-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:15 am	01/12/2023

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		ppbv	0.18	1.76	EPA TO-15	01/19/2023 08:00	01/19/2023 22:22	VH
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ppbv	0.18	1.76	EPA TO-15	01/19/2023 08:00	01/19/2023 22:22	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.18	1.76	EPA TO-15	01/19/2023 08:00	01/19/2023 22:22	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.18	1.76	EPA TO-15	01/19/2023 08:00	01/19/2023 22:22	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.18	1.76	EPA TO-15	01/19/2023 08:00	01/19/2023 22:22	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ppbv	0.18	1.76	EPA TO-15	01/19/2023 08:00	01/19/2023 22:22	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.044	1.76	EPA TO-15	01/19/2023 08:00	01/19/2023 22:22	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.18	1.76	EPA TO-15	01/19/2023 08:00	01/19/2023 22:22	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**0.74**		ppbv	0.18	1.76	EPA TO-15	01/19/2023 08:00	01/19/2023 22:22	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: 23 SV-3 **York Sample ID:** 23A0582-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:15 am	01/12/2023

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
106-93-4	1,2-Dibromoethane	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
107-06-2	1,2-Dichloroethane	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
78-87-5	1,2-Dichloropropane	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
108-67-8	**1,3,5-Trimethylbenzene**	**0.48**		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
106-99-0	1,3-Butadiene	ND		ppbv	0.53	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
142-28-9	* 1,3-Dichloropropane	ND		ppbv	0.18	1.76	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 22:22	VH
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
123-91-1	1,4-Dioxane	ND		ppbv	0.35	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
78-93-3	**2-Butanone**	**0.42**		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
591-78-6	* 2-Hexanone	ND		ppbv	0.35	1.76	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 22:22	VH
107-05-1	3-Chloropropene	ND		ppbv	0.88	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
108-10-1	4-Methyl-2-pentanone	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
67-64-1	**Acetone**	**6.0**		ppbv	0.35	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
107-13-1	Acrylonitrile	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
71-43-2	**Benzene**	**0.63**		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
100-44-7	Benzyl chloride	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
75-27-4	Bromodichloromethane	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
75-25-2	Bromoform	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
74-83-9	Bromomethane	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
75-15-0	**Carbon disulfide**	**1.7**		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH

Sample Information

Client Sample ID: 23 SV-3 **York Sample ID:** 23A0582-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:15 am	01/12/2023

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
56-23-5	Carbon tetrachloride	ND		ppbv	0.044	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
108-90-7	Chlorobenzene	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
75-00-3	Chloroethane	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
67-66-3	**Chloroform**	**0.60**		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
74-87-3	**Chloromethane**	**0.42**		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	0.044	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
110-82-7	Cyclohexane	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
124-48-1	Dibromochloromethane	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
75-71-8	**Dichlorodifluoromethane**	**0.46**		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
141-78-6	* Ethyl acetate	ND		ppbv	0.35	1.76	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 22:22	VH
100-41-4	**Ethyl Benzene**	**1.4**		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
67-63-0	**Isopropanol**	**0.81**		ppbv	0.35	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
80-62-6	Methyl Methacrylate	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.26**		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
75-09-2	Methylene chloride	ND		ppbv	0.35	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
142-82-5	n-Heptane	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
110-54-3	**n-Hexane**	**0.62**		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
95-47-6	**o-Xylene**	**2.6**		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
179601-23-1	**p- & m- Xylenes**	**4.7**		ppbv	0.35	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH

Sample Information

Client Sample ID: 23 SV-3 **York Sample ID:** 23A0582-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:15 am	01/12/2023

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
622-96-8	* **p-Ethyltoluene**	**0.81**		ppbv	0.18	1.76	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 22:22	VH
115-07-1	* Propylene	ND		ppbv	0.18	1.76	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 22:22	VH
100-42-5	Styrene	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
127-18-4	**Tetrachloroethylene**	**59**		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
109-99-9	* Tetrahydrofuran	ND		ppbv	0.35	1.76	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 22:22	VH
108-88-3	**Toluene**	**8.8**		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
79-01-6	**Trichloroethylene**	**0.28**		ppbv	0.044	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.19**		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
108-05-4	Vinyl acetate	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
593-60-2	Vinyl bromide	ND		ppbv	0.18	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH
75-01-4	Vinyl Chloride	ND		ppbv	0.088	1.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 22:22	VH

Sample Information

Client Sample ID: 23 SV-4 **York Sample ID:** 23A0582-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:15 am	01/12/2023

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	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 08:23	VH
71-55-6	1,1,1-Trichloroethane	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH

Sample Information

Client Sample ID: 23 SV-4 **York Sample ID:** 23A0582-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:15 am	01/12/2023

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
79-00-5	1,1,2-Trichloroethane	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
75-34-3	1,1-Dichloroethane	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
75-35-4	1,1-Dichloroethylene	ND	IS-HI	ppbv	0.38	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
120-82-1	1,2,4-Trichlorobenzene	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
95-63-6	**1,2,4-Trimethylbenzene**	**390**	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
106-93-4	1,2-Dibromoethane	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
95-50-1	1,2-Dichlorobenzene	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
107-06-2	1,2-Dichloroethane	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
78-87-5	1,2-Dichloropropane	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
108-67-8	**1,3,5-Trimethylbenzene**	**240**	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
106-99-0	1,3-Butadiene	ND	IS-HI	ppbv	4.6	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
541-73-1	1,3-Dichlorobenzene	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
142-28-9	* 1,3-Dichloropropane	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 08:23	VH
106-46-7	1,4-Dichlorobenzene	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
123-91-1	1,4-Dioxane	ND	IS-HI	ppbv	3.1	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
78-93-3	2-Butanone	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
591-78-6	* 2-Hexanone	ND	IS-HI	ppbv	3.1	15.28	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 08:23	VH
107-05-1	3-Chloropropene	ND	IS-HI	ppbv	7.6	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
108-10-1	4-Methyl-2-pentanone	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
67-64-1	**Acetone**	**5.7**	IS-HI	ppbv	3.1	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
107-13-1	Acrylonitrile	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH

Sample Information

Client Sample ID: 23 SV-4 **York Sample ID:** 23A0582-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:15 am	01/12/2023

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
71-43-2	Benzene	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
100-44-7	Benzyl chloride	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
75-27-4	Bromodichloromethane	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
75-25-2	Bromoform	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
74-83-9	Bromomethane	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
75-15-0	Carbon disulfide	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
56-23-5	Carbon tetrachloride	ND	IS-HI	ppbv	0.38	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
108-90-7	Chlorobenzene	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
75-00-3	Chloroethane	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
67-66-3	**Chloroform**	**2.6**	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
74-87-3	Chloromethane	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
156-59-2	cis-1,2-Dichloroethylene	ND	IS-HI	ppbv	0.38	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
110-82-7	**Cyclohexane**	**1.8**	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
124-48-1	Dibromochloromethane	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
75-71-8	Dichlorodifluoromethane	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
141-78-6	* Ethyl acetate	ND	IS-HI	ppbv	3.1	15.28	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 08:23	VH
100-41-4	**Ethyl Benzene**	**17**	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, IS-HI, TO-CCV, TO-LCS-L	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
67-63-0	**Isopropanol**	**5.5**	IS-HI	ppbv	3.1	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
80-62-6	Methyl Methacrylate	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH

Sample Information

Client Sample ID: 23 SV-4 **York Sample ID:** 23A0582-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:15 am	01/12/2023

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
75-09-2	Methylene chloride	ND	IS-HI	ppbv	3.1	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
142-82-5	**n-Heptane**	**4.9**	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
110-54-3	**n-Hexane**	**5.0**	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
95-47-6	**o-Xylene**	**48**	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
179601-23-1	**p- & m- Xylenes**	**59**	IS-HI	ppbv	3.1	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
622-96-8	* **p-Ethyltoluene**	**330**	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 08:23	VH
115-07-1	* Propylene	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 08:23	VH
100-42-5	Styrene	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
127-18-4	**Tetrachloroethylene**	**52**	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
109-99-9	* Tetrahydrofuran	ND	IS-HI	ppbv	3.1	15.28	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 08:23	VH
108-88-3	**Toluene**	**3.8**	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
156-60-5	trans-1,2-Dichloroethylene	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
79-01-6	Trichloroethylene	ND	IS-HI	ppbv	0.38	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
75-69-4	Trichlorofluoromethane (Freon 11)	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
108-05-4	Vinyl acetate	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
593-60-2	Vinyl bromide	ND	IS-HI	ppbv	1.5	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH
75-01-4	Vinyl Chloride	ND	IS-HI	ppbv	0.76	15.28	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 08:23	VH

Sample Information

Client Sample ID: 23 SV-5 **York Sample ID:** 23A0582-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:17 am	01/12/2023

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		ppbv	0.15	1.521	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 13:43	VH
71-55-6	1,1,1-Trichloroethane	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
75-34-3	1,1-Dichloroethane	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.038	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
95-63-6	**1,2,4-Trimethylbenzene**	**0.99**		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
106-93-4	1,2-Dibromoethane	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
107-06-2	1,2-Dichloroethane	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
78-87-5	1,2-Dichloropropane	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
108-67-8	**1,3,5-Trimethylbenzene**	**0.40**		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
106-99-0	1,3-Butadiene	ND		ppbv	0.46	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
142-28-9	* 1,3-Dichloropropane	ND		ppbv	0.15	1.521	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 13:43	VH
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
123-91-1	1,4-Dioxane	ND		ppbv	0.30	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
78-93-3	**2-Butanone**	**2.2**		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
591-78-6	* 2-Hexanone	ND		ppbv	0.30	1.521	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 13:43	VH
107-05-1	3-Chloropropene	ND		ppbv	0.76	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH

Sample Information

Client Sample ID: 23 SV-5 **York Sample ID:** 23A0582-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:17 am	01/12/2023

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**	**0.44**		ppbv	0.15	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**17**		ppbv	0.30	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ppbv	0.15	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.53**		ppbv	0.15	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ppbv	0.15	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ppbv	0.15	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ppbv	0.15	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND	TO-CCV, TO-LCS-L	ppbv	0.15	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ppbv	0.15	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ppbv	0.038	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ppbv	0.15	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ppbv	0.15	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ppbv	0.15	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**0.15**		ppbv	0.15	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	0.038	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.15	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	Cyclohexane	ND		ppbv	0.15	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ppbv	0.15	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**0.47**		ppbv	0.15	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ppbv	0.30	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.1**		ppbv	0.15	1.521	EPA TO-15	01/20/2023 12:29	01/20/2023 13:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: 23 SV-5 **York Sample ID:** 23A0582-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:17 am	01/12/2023

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
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
67-63-0	**Isopropanol**	**2.5**	B	ppbv	0.46	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
80-62-6	Methyl Methacrylate	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
75-09-2	Methylene chloride	ND		ppbv	0.30	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
142-82-5	n-Heptane	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
110-54-3	**n-Hexane**	**0.71**		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
95-47-6	**o-Xylene**	**1.1**		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
179601-23-1	**p- & m- Xylenes**	**3.3**		ppbv	0.30	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
622-96-8	*** p-Ethyltoluene**	**0.84**		ppbv	0.15	1.521	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 13:43	VH
115-07-1	*** Propylene**	**1.2**		ppbv	0.15	1.521	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 13:43	VH
100-42-5	Styrene	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
127-18-4	**Tetrachloroethylene**	**1.9**		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
109-99-9	*** Tetrahydrofuran**	**0.52**		ppbv	0.30	1.521	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 13:43	VH
108-88-3	**Toluene**	**27**		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
79-01-6	Trichloroethylene	ND		ppbv	0.038	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.21**		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
108-05-4	Vinyl acetate	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH
593-60-2	Vinyl bromide	ND		ppbv	0.15	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH

Sample Information

Client Sample ID: 23 SV-5 **York Sample ID:** 23A0582-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:17 am	01/12/2023

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
75-01-4	Vinyl Chloride	ND		ppbv	0.076	1.521	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 13:43	VH

Sample Information

Client Sample ID: 23 SV-7 **York Sample ID:** 23A0582-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:14 am	01/12/2023

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		ppbv	0.16	1.577	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 14:36	VH
71-55-6	1,1,1-Trichloroethane	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
75-34-3	1,1-Dichloroethane	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.039	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
95-63-6	**1,2,4-Trimethylbenzene**	**36**		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
106-93-4	1,2-Dibromoethane	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
107-06-2	1,2-Dichloroethane	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
78-87-5	1,2-Dichloropropane	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
108-67-8	**1,3,5-Trimethylbenzene**	**7.1**		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH

Sample Information

Client Sample ID: 23 SV-7 **York Sample ID:** 23A0582-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:14 am	01/12/2023

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
106-99-0	1,3-Butadiene	ND		ppbv	0.47	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
142-28-9	* 1,3-Dichloropropane	ND		ppbv	0.16	1.577	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 14:36	VH
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
123-91-1	1,4-Dioxane	ND		ppbv	0.32	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
78-93-3	**2-Butanone**	**1.4**		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
591-78-6	* 2-Hexanone	ND		ppbv	0.32	1.577	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 14:36	VH
107-05-1	3-Chloropropene	ND		ppbv	0.79	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
108-10-1	**4-Methyl-2-pentanone**	**0.22**		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
67-64-1	**Acetone**	**14**		ppbv	0.32	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
107-13-1	Acrylonitrile	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
71-43-2	**Benzene**	**0.73**		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
100-44-7	**Benzyl chloride**	**0.62**		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
75-27-4	Bromodichloromethane	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
75-25-2	Bromoform	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
74-83-9	Bromomethane	ND	TO-CCV, TO-LCS-L	ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
75-15-0	**Carbon disulfide**	**2.2**		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
56-23-5	Carbon tetrachloride	ND		ppbv	0.039	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
108-90-7	Chlorobenzene	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
75-00-3	Chloroethane	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
67-66-3	**Chloroform**	**0.68**		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
74-87-3	Chloromethane	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH

Sample Information

Client Sample ID: 23 SV-7 **York Sample ID:** 23A0582-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:14 am	01/12/2023

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		ppbv	0.039	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
110-82-7	**Cyclohexane**	**0.28**		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
124-48-1	Dibromochloromethane	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
75-71-8	**Dichlorodifluoromethane**	**0.44**		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
141-78-6	* Ethyl acetate	ND		ppbv	0.32	1.577	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 14:36	VH
100-41-4	**Ethyl Benzene**	**3.2**		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
67-63-0	**Isopropanol**	**3.6**	B	ppbv	0.47	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
80-62-6	Methyl Methacrylate	ND		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**17**		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
75-09-2	Methylene chloride	ND		ppbv	0.32	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
142-82-5	**n-Heptane**	**0.76**		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
110-54-3	**n-Hexane**	**1.8**		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
95-47-6	**o-Xylene**	**5.6**		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
179601-23-1	**p- & m- Xylenes**	**12**		ppbv	0.32	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
622-96-8	*** p-Ethyltoluene**	**27**		ppbv	0.16	1.577	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 14:36	VH
115-07-1	*** Propylene**	**1.0**		ppbv	0.16	1.577	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 14:36	VH
100-42-5	**Styrene**	**0.17**		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
127-18-4	**Tetrachloroethylene**	**7.0**		ppbv	0.16	1.577	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 14:36	VH
109-99-9	* Tetrahydrofuran	ND		ppbv	0.32	1.577	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 14:36	VH

Sample Information

Client Sample ID: 23 SV-7 **York Sample ID:** 23A0582-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:14 am	01/12/2023

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
108-88-3	**Toluene**	**12**		ppbv	0.16	1.577	EPA TO-15	01/20/2023 12:29	01/20/2023 14:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.16	1.577	EPA TO-15	01/20/2023 12:29	01/20/2023 14:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.16	1.577	EPA TO-15	01/20/2023 12:29	01/20/2023 14:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ppbv	0.039	1.577	EPA TO-15	01/20/2023 12:29	01/20/2023 14:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ppbv	0.16	1.577	EPA TO-15	01/20/2023 12:29	01/20/2023 14:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ppbv	0.16	1.577	EPA TO-15	01/20/2023 12:29	01/20/2023 14:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ppbv	0.16	1.577	EPA TO-15	01/20/2023 12:29	01/20/2023 14:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ppbv	0.079	1.577	EPA TO-15	01/20/2023 12:29	01/20/2023 14:36	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: 23 SV-8 **York Sample ID:** 23A0582-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:14 am	01/12/2023

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		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.040	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: 23 SV-8 **York Sample ID:** 23A0582-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:14 am	01/12/2023

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
95-63-6	**1,2,4-Trimethylbenzene**	**0.32**		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ppbv	0.48	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ppbv	0.32	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**0.45**		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ppbv	0.32	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ppbv	0.80	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**0.22**		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**5.2**		ppbv	0.32	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**0.35**		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: 23 SV-8 **York Sample ID:** 23A0582-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:14 am	01/12/2023

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
74-83-9	Bromomethane	ND	TO-LCS-L, TO-CCV	ppbv	0.16	1.601	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 15:30	VH
75-15-0	Carbon disulfide	ND		ppbv	0.16	1.601	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 15:30	VH
56-23-5	**Carbon tetrachloride**	**0.080**		ppbv	0.040	1.601	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 15:30	VH
108-90-7	Chlorobenzene	ND		ppbv	0.16	1.601	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 15:30	VH
75-00-3	Chloroethane	ND		ppbv	0.16	1.601	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 15:30	VH
67-66-3	Chloroform	ND		ppbv	0.16	1.601	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 15:30	VH
74-87-3	**Chloromethane**	**0.61**		ppbv	0.16	1.601	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 15:30	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	0.040	1.601	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 15:30	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.16	1.601	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 15:30	VH
110-82-7	**Cyclohexane**	**0.43**		ppbv	0.16	1.601	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 15:30	VH
124-48-1	Dibromochloromethane	ND		ppbv	0.16	1.601	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 15:30	VH
75-71-8	**Dichlorodifluoromethane**	**0.59**		ppbv	0.16	1.601	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 15:30	VH
141-78-6	*** Ethyl acetate**	**0.34**		ppbv	0.32	1.601	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 15:30	VH
100-41-4	**Ethyl Benzene**	**0.72**		ppbv	0.16	1.601	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 15:30	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ppbv	0.16	1.601	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 15:30	VH
67-63-0	**Isopropanol**	**22**	B	ppbv	0.48	1.601	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 15:30	VH
80-62-6	Methyl Methacrylate	ND		ppbv	0.16	1.601	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 15:30	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	0.16	1.601	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 15:30	VH
75-09-2	**Methylene chloride**	**0.75**		ppbv	0.32	1.601	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 15:30	VH
142-82-5	**n-Heptane**	**0.16**		ppbv	0.16	1.601	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 15:30	VH

Sample Information

Client Sample ID: 23 SV-8 **York Sample ID:** 23A0582-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:14 am	01/12/2023

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
110-54-3	**n-Hexane**	**0.53**		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
95-47-6	**o-Xylene**	**0.50**		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
179601-23-1	**p- & m- Xylenes**	**1.6**		ppbv	0.32	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
622-96-8	*** p-Ethyltoluene**	**0.26**		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:			
115-07-1	* Propylene	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:			
100-42-5	Styrene	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	**Tetrachloroethylene**	**0.34**		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND		ppbv	0.32	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications:			
108-88-3	**Toluene**	**1.9**		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND		ppbv	0.040	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.26**		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ppbv	0.16	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ppbv	0.080	1.601	EPA TO-15	01/20/2023 12:29	01/20/2023 15:30	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: 23 SV-9 **York Sample ID:** 23A0582-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:16 am	01/12/2023

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

Sample Information

Client Sample ID: 23 SV-9 **York Sample ID:** 23A0582-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:16 am	01/12/2023

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	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 04:57	VH
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 04:09	VH
71-55-6	1,1,1-Trichloroethane	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
71-55-6	1,1,1-Trichloroethane	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
79-00-5	1,1,2-Trichloroethane	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
79-00-5	1,1,2-Trichloroethane	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
75-34-3	1,1-Dichloroethane	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
75-34-3	1,1-Dichloroethane	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
75-35-4	1,1-Dichloroethylene	ND	IS-HI	ppbv	0.74	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
75-35-4	1,1-Dichloroethylene	ND	IS-HI	ppbv	0.37	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
120-82-1	1,2,4-Trichlorobenzene	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
120-82-1	1,2,4-Trichlorobenzene	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
95-63-6	**1,2,4-Trimethylbenzene**	**32**	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
95-63-6	**1,2,4-Trimethylbenzene**	**42**	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
106-93-4	1,2-Dibromoethane	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
106-93-4	1,2-Dibromoethane	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
95-50-1	1,2-Dichlorobenzene	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
95-50-1	1,2-Dichlorobenzene	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
107-06-2	1,2-Dichloroethane	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH

Sample Information

Client Sample ID: 23 SV-9 **York Sample ID:** 23A0582-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:16 am	01/12/2023

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
107-06-2	1,2-Dichloroethane	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
78-87-5	1,2-Dichloropropane	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
78-87-5	1,2-Dichloropropane	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
108-67-8	**1,3,5-Trimethylbenzene**	**8.5**	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
108-67-8	**1,3,5-Trimethylbenzene**	**11**	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
106-99-0	1,3-Butadiene	ND	IS-HI	ppbv	8.8	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
106-99-0	1,3-Butadiene	ND	IS-HI	ppbv	4.4	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
541-73-1	1,3-Dichlorobenzene	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
541-73-1	1,3-Dichlorobenzene	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
142-28-9	* 1,3-Dichloropropane	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 04:57	VH
142-28-9	* 1,3-Dichloropropane	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 04:09	VH
106-46-7	1,4-Dichlorobenzene	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
106-46-7	1,4-Dichlorobenzene	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
123-91-1	1,4-Dioxane	ND	IS-HI	ppbv	5.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
123-91-1	1,4-Dioxane	ND	IS-HI	ppbv	2.9	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
78-93-3	2-Butanone	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
78-93-3	**2-Butanone**	**2.5**	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
591-78-6	* 2-Hexanone	ND	IS-HI	ppbv	5.9	29.44	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 04:57	VH
591-78-6	* 2-Hexanone	ND	IS-HI	ppbv	2.9	14.72	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 04:09	VH
107-05-1	3-Chloropropene	ND	IS-HI	ppbv	15	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
107-05-1	3-Chloropropene	ND	IS-HI	ppbv	7.4	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH

Sample Information

Client Sample ID: 23 SV-9 **York Sample ID:** 23A0582-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:16 am	01/12/2023

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	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-10-1	4-Methyl-2-pentanone	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**23**	IS-HI	ppbv	5.9	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**26**	IS-HI	ppbv	2.9	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	Benzene	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	Benzene	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	Carbon disulfide	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**1.9**	IS-HI	ppbv	1.5	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND	IS-HI	ppbv	0.74	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND	IS-HI	ppbv	0.37	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: 23 SV-9 **York Sample ID:** 23A0582-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:16 am	01/12/2023

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
75-00-3	Chloroethane	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
67-66-3	Chloroform	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
67-66-3	Chloroform	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
74-87-3	Chloromethane	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
74-87-3	Chloromethane	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
156-59-2	cis-1,2-Dichloroethylene	ND	IS-HI	ppbv	0.74	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
156-59-2	cis-1,2-Dichloroethylene	ND	IS-HI	ppbv	0.37	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
110-82-7	Cyclohexane	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
110-82-7	Cyclohexane	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
124-48-1	Dibromochloromethane	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
124-48-1	Dibromochloromethane	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
75-71-8	Dichlorodifluoromethane	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
75-71-8	Dichlorodifluoromethane	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
141-78-6	* Ethyl acetate	ND	IS-HI	ppbv	5.9	29.44	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 04:57	VH
141-78-6	* Ethyl acetate	ND	IS-HI	ppbv	2.9	14.72	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 04:09	VH
100-41-4	**Ethyl Benzene**	**540**	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
100-41-4	**Ethyl Benzene**	**720**	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, IS-HI, TO-CCV, TO-LCS-L	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH

Sample Information

Client Sample ID: 23 SV-9 **York Sample ID:** 23A0582-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:16 am	01/12/2023

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
87-68-3	Hexachlorobutadiene	ND	CAL-E, IS-HI, TO-CCV, TO-LCS-L	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
67-63-0	**Isopropanol**	**18**	IS-HI	ppbv	5.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
67-63-0	**Isopropanol**	**14**	IS-HI	ppbv	2.9	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
80-62-6	Methyl Methacrylate	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
80-62-6	Methyl Methacrylate	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
75-09-2	Methylene chloride	ND	IS-HI	ppbv	5.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
75-09-2	Methylene chloride	ND	IS-HI	ppbv	2.9	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
142-82-5	**n-Heptane**	**4.4**	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
142-82-5	**n-Heptane**	**5.4**	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
110-54-3	n-Hexane	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
110-54-3	**n-Hexane**	**2.1**	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
95-47-6	**o-Xylene**	**330**	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
95-47-6	**o-Xylene**	**460**	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
179601-23-1	**p- & m- Xylenes**	**1700**	IS-HI	ppbv	5.9	29.44	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:57	VH
179601-23-1	**p- & m- Xylenes**	**2200**	E, IS-HI	ppbv	2.9	14.72	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 04:09	VH
622-96-8	*** p-Ethyltoluene**	**32**	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 04:57	VH
622-96-8	*** p-Ethyltoluene**	**41**	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 04:09	VH
115-07-1	* Propylene	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 04:57	VH
115-07-1	* Propylene	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 04:09	VH

Sample Information

Client Sample ID: 23 SV-9 **York Sample ID:** 23A0582-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:16 am	01/12/2023

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
100-42-5	**Styrene**	**9.1**	IS-HI	ppbv	2.9	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-42-5	**Styrene**	**13**	IS-HI	ppbv	1.5	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	Tetrachloroethylene	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
127-18-4	Tetrachloroethylene	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
109-99-9	* Tetrahydrofuran	ND	IS-HI	ppbv	5.9	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications:			
109-99-9	* Tetrahydrofuran	ND	IS-HI	ppbv	2.9	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications:			
108-88-3	**Toluene**	**32**	IS-HI	ppbv	2.9	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-88-3	**Toluene**	**41**	IS-HI	ppbv	1.5	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND	IS-HI	ppbv	0.74	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	Trichloroethylene	ND	IS-HI	ppbv	0.37	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	Trichlorofluoromethane (Freon 11)	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	Trichlorofluoromethane (Freon 11)	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND	IS-HI	ppbv	2.9	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND	IS-HI	ppbv	1.5	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND	IS-HI	ppbv	0.74	14.72	EPA TO-15	01/19/2023 08:00	01/20/2023 04:09	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND	IS-HI	ppbv	1.5	29.44	EPA TO-15	01/19/2023 08:00	01/20/2023 04:57	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: 23 SV-10 **York Sample ID:** 23A0582-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:15 am	01/12/2023

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	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 09:10	VH
71-55-6	1,1,1-Trichloroethane	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
79-00-5	1,1,2-Trichloroethane	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
75-34-3	1,1-Dichloroethane	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
75-35-4	1,1-Dichloroethylene	ND	IS-HI	ppbv	0.40	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
120-82-1	1,2,4-Trichlorobenzene	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
95-63-6	**1,2,4-Trimethylbenzene**	**25**	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
106-93-4	1,2-Dibromoethane	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
95-50-1	1,2-Dichlorobenzene	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
107-06-2	1,2-Dichloroethane	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
78-87-5	1,2-Dichloropropane	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
108-67-8	**1,3,5-Trimethylbenzene**	**9.9**	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
106-99-0	1,3-Butadiene	ND	IS-HI	ppbv	4.9	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
541-73-1	1,3-Dichlorobenzene	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
142-28-9	* 1,3-Dichloropropane	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 09:10	VH
106-46-7	1,4-Dichlorobenzene	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
123-91-1	1,4-Dioxane	ND	IS-HI	ppbv	3.2	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
78-93-3	**2-Butanone**	**9.5**	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
591-78-6	* 2-Hexanone	ND	IS-HI	ppbv	3.2	16.18	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 09:10	VH
107-05-1	3-Chloropropene	ND	IS-HI	ppbv	8.1	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH

Sample Information

Client Sample ID: 23 SV-10 **York Sample ID:** 23A0582-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:15 am	01/12/2023

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	ppbv	1.6	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-64-1	**Acetone**	**42**	IS-HI	ppbv	3.2	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
107-13-1	Acrylonitrile	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
71-43-2	**Benzene**	**91**	IS-HI	ppbv	1.6	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
100-44-7	Benzyl chloride	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-27-4	Bromodichloromethane	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-25-2	Bromoform	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-83-9	Bromomethane	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-15-0	**Carbon disulfide**	**11**	IS-HI	ppbv	1.6	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
56-23-5	Carbon tetrachloride	ND	IS-HI	ppbv	0.40	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-90-7	Chlorobenzene	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-00-3	Chloroethane	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
67-66-3	Chloroform	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
74-87-3	Chloromethane	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-59-2	cis-1,2-Dichloroethylene	ND	IS-HI	ppbv	0.40	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
110-82-7	**Cyclohexane**	**41**	IS-HI	ppbv	1.6	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
124-48-1	Dibromochloromethane	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-71-8	Dichlorodifluoromethane	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
141-78-6	*** Ethyl acetate**	**5.5**	IS-HI	ppbv	3.2	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications:			
100-41-4	**Ethyl Benzene**	**77**	IS-HI	ppbv	1.6	16.18	EPA TO-15	01/19/2023 08:00	01/20/2023 09:10	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: 23 SV-10 **York Sample ID:** 23A0582-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:15 am	01/12/2023

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
87-68-3	Hexachlorobutadiene	ND	CAL-E, IS-HI, TO-CCV, TO-LCS-L	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
67-63-0	**Isopropanol**	**5.7**	IS-HI	ppbv	3.2	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
80-62-6	Methyl Methacrylate	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**270**	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
75-09-2	Methylene chloride	ND	IS-HI	ppbv	3.2	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
142-82-5	**n-Heptane**	**15**	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
110-54-3	**n-Hexane**	**24**	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
95-47-6	**o-Xylene**	**72**	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
179601-23-1	**p- & m- Xylenes**	**200**	IS-HI	ppbv	3.2	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
622-96-8	*** p-Ethyltoluene**	**27**	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 09:10	VH
115-07-1	* Propylene	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 09:10	VH
100-42-5	**Styrene**	**1.9**	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
127-18-4	**Tetrachloroethylene**	**4.9**	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
109-99-9	* Tetrahydrofuran	ND	IS-HI	ppbv	3.2	16.18	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 09:10	VH
108-88-3	**Toluene**	**100**	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
156-60-5	trans-1,2-Dichloroethylene	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
79-01-6	**Trichloroethylene**	**0.97**	IS-HI	ppbv	0.40	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
75-69-4	Trichlorofluoromethane (Freon 11)	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
108-05-4	Vinyl acetate	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH
593-60-2	Vinyl bromide	ND	IS-HI	ppbv	1.6	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH

Sample Information

Client Sample ID: 23 SV-10 **York Sample ID:** 23A0582-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:15 am	01/12/2023

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
75-01-4	Vinyl Chloride	ND	IS-HI	ppbv	0.81	16.18	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 09:10	VH

Sample Information

Client Sample ID: 23 SV-11 **York Sample ID:** 23A0582-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:18 am	01/12/2023

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		ppbv	0.15	1.523	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 16:23	VH
71-55-6	1,1,1-Trichloroethane	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
75-34-3	1,1-Dichloroethane	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.038	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
95-63-6	**1,2,4-Trimethylbenzene**	**0.76**		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
106-93-4	1,2-Dibromoethane	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
107-06-2	1,2-Dichloroethane	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
78-87-5	1,2-Dichloropropane	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
108-67-8	**1,3,5-Trimethylbenzene**	**0.37**		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH

Sample Information

Client Sample ID: 23 SV-11 **York Sample ID:** 23A0582-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:18 am	01/12/2023

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
106-99-0	1,3-Butadiene	ND		ppbv	0.46	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
142-28-9	* 1,3-Dichloropropane	ND		ppbv	0.15	1.523	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 16:23	VH
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
123-91-1	1,4-Dioxane	ND		ppbv	0.30	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
78-93-3	**2-Butanone**	**0.64**		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
591-78-6	*** 2-Hexanone**	**1.3**		ppbv	0.30	1.523	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 16:23	VH
107-05-1	3-Chloropropene	ND		ppbv	0.76	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
108-10-1	4-Methyl-2-pentanone	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
67-64-1	**Acetone**	**4.2**		ppbv	0.30	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
107-13-1	Acrylonitrile	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
71-43-2	**Benzene**	**4.8**		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
100-44-7	Benzyl chloride	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
75-27-4	Bromodichloromethane	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
75-25-2	Bromoform	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
74-83-9	Bromomethane	ND	TO-LCS-L, TO-CCV	ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
75-15-0	**Carbon disulfide**	**0.35**		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
56-23-5	Carbon tetrachloride	ND		ppbv	0.038	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
108-90-7	Chlorobenzene	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
75-00-3	Chloroethane	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
67-66-3	**Chloroform**	**2.7**		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
74-87-3	Chloromethane	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH

Sample Information

Client Sample ID: 23 SV-11 **York Sample ID:** 23A0582-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:18 am	01/12/2023

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		ppbv	0.038	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
110-82-7	**Cyclohexane**	**1.3**		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
124-48-1	Dibromochloromethane	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
75-71-8	**Dichlorodifluoromethane**	**0.47**		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
141-78-6	*** Ethyl acetate**	**0.34**		ppbv	0.30	1.523	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 16:23	VH
100-41-4	**Ethyl Benzene**	**4.2**		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
67-63-0	**Isopropanol**	**2.8**	B	ppbv	0.30	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
80-62-6	Methyl Methacrylate	ND		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**22**		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
75-09-2	Methylene chloride	ND		ppbv	0.30	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
142-82-5	**n-Heptane**	**1.2**		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
110-54-3	**n-Hexane**	**6.8**		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
95-47-6	**o-Xylene**	**4.2**		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
179601-23-1	**p- & m- Xylenes**	**11**		ppbv	0.30	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
622-96-8	*** p-Ethyltoluene**	**0.87**		ppbv	0.15	1.523	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 16:23	VH
115-07-1	* Propylene	ND		ppbv	0.15	1.523	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 16:23	VH
100-42-5	**Styrene**	**0.15**		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
127-18-4	**Tetrachloroethylene**	**0.85**		ppbv	0.15	1.523	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/20/2023 12:29	01/20/2023 16:23	VH
109-99-9	* Tetrahydrofuran	ND		ppbv	0.30	1.523	EPA TO-15 Certifications:	01/20/2023 12:29	01/20/2023 16:23	VH

Sample Information

Client Sample ID: 23 SV-11 **York Sample ID:** 23A0582-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Soil Vapor	January 12, 2023 9:18 am	01/12/2023

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
108-88-3	**Toluene**	**7.8**		ppbv	0.15	1.523	EPA TO-15	01/20/2023 12:29	01/20/2023 16:23	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.15	1.523	EPA TO-15	01/20/2023 12:29	01/20/2023 16:23	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.15	1.523	EPA TO-15	01/20/2023 12:29	01/20/2023 16:23	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-01-6	**Trichloroethylene**	**0.11**		ppbv	0.038	1.523	EPA TO-15	01/20/2023 12:29	01/20/2023 16:23	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.20**		ppbv	0.15	1.523	EPA TO-15	01/20/2023 12:29	01/20/2023 16:23	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
108-05-4	Vinyl acetate	ND		ppbv	0.15	1.523	EPA TO-15	01/20/2023 12:29	01/20/2023 16:23	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
593-60-2	Vinyl bromide	ND		ppbv	0.15	1.523	EPA TO-15	01/20/2023 12:29	01/20/2023 16:23	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-01-4	Vinyl Chloride	ND		ppbv	0.076	1.523	EPA TO-15	01/20/2023 12:29	01/20/2023 16:23	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: 23 OA-1 **York Sample ID:** 23A0582-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Outdoor Ambient Air	January 12, 2023 9:14 am	01/12/2023

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		ppbv	0.076	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ppbv	0.076	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.076	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.076	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.076	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-34-3	1,1-Dichloroethane	ND		ppbv	0.076	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.019	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.076	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications: NELAC-NY12058,NJDEP-Queens			

Sample Information

Client Sample ID: 23 OA-1 **York Sample ID:** 23A0582-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Outdoor Ambient Air	January 12, 2023 9:14 am	01/12/2023

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
95-63-6	1,2,4-Trimethylbenzene	ND		ppbv	0.076	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH
106-93-4	1,2-Dibromoethane	ND		ppbv	0.076	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.076	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH
107-06-2	1,2-Dichloroethane	ND		ppbv	0.076	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH
78-87-5	1,2-Dichloropropane	ND		ppbv	0.076	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.076	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH
108-67-8	1,3,5-Trimethylbenzene	ND		ppbv	0.076	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH
106-99-0	1,3-Butadiene	ND		ppbv	0.23	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.076	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH
142-28-9	* 1,3-Dichloropropane	ND		ppbv	0.076	0.76	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 19:43	VH
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.076	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH
123-91-1	1,4-Dioxane	ND		ppbv	0.15	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH
78-93-3	**2-Butanone**	**0.20**		ppbv	0.076	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH
591-78-6	* 2-Hexanone	ND		ppbv	0.15	0.76	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 19:43	VH
107-05-1	3-Chloropropene	ND		ppbv	0.38	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH
108-10-1	4-Methyl-2-pentanone	ND		ppbv	0.076	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH
67-64-1	**Acetone**	**2.0**		ppbv	0.15	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH
107-13-1	Acrylonitrile	ND		ppbv	0.076	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH
71-43-2	**Benzene**	**0.27**		ppbv	0.076	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH
100-44-7	Benzyl chloride	ND		ppbv	0.076	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH
75-27-4	Bromodichloromethane	ND		ppbv	0.076	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH
75-25-2	Bromoform	ND		ppbv	0.076	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH
74-83-9	Bromomethane	ND		ppbv	0.076	0.76	EPA TO-15 Certifications:	01/19/2023 08:00 NELAC-NY12058,NJDEP-Queens	01/19/2023 19:43	VH

Sample Information

Client Sample ID: 23 OA-1 **York Sample ID:** 23A0582-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Outdoor Ambient Air	January 12, 2023 9:14 am	01/12/2023

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
75-15-0	Carbon disulfide	ND		ppbv	0.076	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH
56-23-5	**Carbon tetrachloride**	**0.061**		ppbv	0.019	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH
108-90-7	Chlorobenzene	ND		ppbv	0.076	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH
75-00-3	Chloroethane	ND		ppbv	0.076	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH
67-66-3	Chloroform	ND		ppbv	0.076	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH
74-87-3	**Chloromethane**	**0.62**		ppbv	0.076	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	0.019	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.076	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH
110-82-7	Cyclohexane	ND		ppbv	0.076	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH
124-48-1	Dibromochloromethane	ND		ppbv	0.076	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH
75-71-8	**Dichlorodifluoromethane**	**0.49**		ppbv	0.076	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH
141-78-6	* Ethyl acetate	ND		ppbv	0.15	0.76	EPA TO-15 Certifications:	01/19/2023 08:00	01/19/2023 19:43	VH
100-41-4	**Ethyl Benzene**	**0.084**		ppbv	0.076	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ppbv	0.076	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH
67-63-0	**Isopropanol**	**1.7**		ppbv	0.15	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH
80-62-6	Methyl Methacrylate	ND		ppbv	0.076	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	0.076	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH
75-09-2	**Methylene chloride**	**0.19**		ppbv	0.15	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH
142-82-5	n-Heptane	ND		ppbv	0.076	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH
110-54-3	**n-Hexane**	**0.13**		ppbv	0.076	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH
95-47-6	o-Xylene	ND		ppbv	0.076	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH
179601-23-1	p- & m- Xylenes	ND		ppbv	0.15	0.76	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/19/2023 19:43	VH

Sample Information

Client Sample ID: 23 OA-1 **York Sample ID:** 23A0582-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0582	315 Grand Concourse Bronx NY	Outdoor Ambient Air	January 12, 2023 9:14 am	01/12/2023

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
622-96-8	* p-Ethyltoluene	ND		ppbv	0.076	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications:			
115-07-1	* Propylene	ND		ppbv	0.076	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications:			
100-42-5	Styrene	ND		ppbv	0.076	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ppbv	0.076	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ppbv	0.15	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications:			
108-88-3	**Toluene**	**0.52**		ppbv	0.076	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.076	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.076	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ppbv	0.019	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**0.20**		ppbv	0.076	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ppbv	0.076	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ppbv	0.076	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ppbv	0.038	0.76	EPA TO-15	01/19/2023 08:00	01/19/2023 19:43	VH
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Analytical Batch Summary

Batch ID: BA31003 **Preparation Method:** EPA TO15 PREP **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
23A0582-01	23 SV-1	01/19/23
23A0582-02	23 SV-2	01/19/23
23A0582-03	23 SV-3	01/19/23
23A0582-04	23 SV-4	01/19/23
23A0582-08	23 SV-9	01/19/23
23A0582-08RE1	23 SV-9	01/19/23
23A0582-09	23 SV-10	01/19/23
23A0582-11	23 OA-1	01/19/23
BA31003-BLK1	Blank	01/19/23
BA31003-BS1	LCS	01/19/23

Batch ID: BA31068 **Preparation Method:** EPA TO15 PREP **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
23A0582-05	23 SV-5	01/20/23
23A0582-06	23 SV-7	01/20/23
23A0582-07	23 SV-8	01/20/23
23A0582-10	23 SV-11	01/20/23
BA31068-BLK1	Blank	01/20/23
BA31068-BS1	LCS	01/20/23

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31003 - EPA TO15 PREP											
Blank (BA31003-BLK1)											Prepared & Analyzed: 01/19/2023
1,1,1,2-Tetrachloroethane	ND	0.10	ppbv								
1,1,1-Trichloroethane	ND	0.10	"								
1,1,2,2-Tetrachloroethane	ND	0.10	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.10	"								
1,1,2-Trichloroethane	ND	0.10	"								
1,1-Dichloroethane	ND	0.10	"								
1,1-Dichloroethylene	ND	0.025	"								
1,2,4-Trichlorobenzene	ND	0.10	"								
1,2,4-Trimethylbenzene	ND	0.10	"								
1,2-Dibromoethane	ND	0.10	"								
1,2-Dichlorobenzene	ND	0.10	"								
1,2-Dichloroethane	ND	0.10	"								
1,2-Dichloropropane	ND	0.10	"								
1,2-Dichlorotetrafluoroethane	ND	0.10	"								
1,3,5-Trimethylbenzene	ND	0.10	"								
1,3-Butadiene	ND	0.30	"								
1,3-Dichlorobenzene	ND	0.10	"								
1,3-Dichloropropane	ND	0.10	"								
1,4-Dichlorobenzene	ND	0.10	"								
1,4-Dioxane	ND	0.20	"								
2-Butanone	ND	0.10	"								
2-Hexanone	ND	0.20	"								
3-Chloropropene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.10	"								
Acetone	ND	0.20	"								
Acrylonitrile	ND	0.10	"								
Benzene	ND	0.10	"								
Benzyl chloride	ND	0.10	"								
Bromodichloromethane	ND	0.10	"								
Bromoform	ND	0.10	"								
Bromomethane	ND	0.10	"								
Carbon disulfide	ND	0.10	"								
Carbon tetrachloride	ND	0.025	"								
Chlorobenzene	ND	0.10	"								
Chloroethane	ND	0.10	"								
Chloroform	ND	0.10	"								
Chloromethane	ND	0.10	"								
cis-1,2-Dichloroethylene	ND	0.025	"								
cis-1,3-Dichloropropylene	ND	0.10	"								
Cyclohexane	ND	0.10	"								
Dibromochloromethane	ND	0.10	"								
Dichlorodifluoromethane	ND	0.10	"								
Ethyl acetate	ND	0.20	"								
Ethyl Benzene	ND	0.10	"								
Hexachlorobutadiene	ND	0.10	"								
Isopropanol	ND	0.20	"								
Methyl Methacrylate	ND	0.10	"								
Methyl tert-butyl ether (MTBE)	ND	0.10	"								
Methylene chloride	ND	0.20	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31003 - EPA TO15 PREP											
Blank (BA31003-BLK1)								Prepared & Analyzed: 01/19/2023			
n-Heptane	ND	0.10	ppbv								
n-Hexane	ND	0.10	"								
o-Xylene	ND	0.10	"								
p- & m- Xylenes	ND	0.20	"								
p-Ethyltoluene	ND	0.10	"								
Propylene	ND	0.10	"								
Styrene	ND	0.10	"								
Tetrachloroethylene	ND	0.10	"								
Tetrahydrofuran	ND	0.20	"								
Toluene	ND	0.10	"								
trans-1,2-Dichloroethylene	ND	0.10	"								
trans-1,3-Dichloropropylene	ND	0.10	"								
Trichloroethylene	ND	0.025	"								
Trichlorofluoromethane (Freon 11)	ND	0.10	"								
Vinyl acetate	ND	0.10	"								
Vinyl bromide	ND	0.10	"								
Vinyl Chloride	ND	0.050	"								
LCS (BA31003-BS1)								Prepared & Analyzed: 01/19/2023			
1,1,1,2-Tetrachloroethane	9.85		ppbv	10.0		98.5	70-130				
1,1,1-Trichloroethane	10.5		"	10.0		105	70-130				
1,1,2,2-Tetrachloroethane	9.70		"	10.0		97.0	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	70-130				
1,1,2-Trichloroethane	9.47		"	10.0		94.7	70-130				
1,1-Dichloroethane	9.49		"	10.0		94.9	70-130				
1,1-Dichloroethylene	10.7		"	10.0		107	70-130				
1,2,4-Trichlorobenzene	8.41		"	10.0		84.1	70-130				
1,2,4-Trimethylbenzene	9.23		"	10.0		92.3	70-130				
1,2-Dibromoethane	9.20		"	10.0		92.0	70-130				
1,2-Dichlorobenzene	8.93		"	10.0		89.3	70-130				
1,2-Dichloroethane	10.6		"	10.0		106	70-130				
1,2-Dichloropropane	10.7		"	10.0		107	70-130				
1,2-Dichlorotetrafluoroethane	12.2		"	10.0		122	70-130				
1,3,5-Trimethylbenzene	8.92		"	10.0		89.2	70-130				
1,3-Butadiene	11.8		"	10.0		118	70-130				
1,3-Dichlorobenzene	9.12		"	10.0		91.2	70-130				
1,3-Dichloropropane	10.3		"	10.0		103	70-130				
1,4-Dichlorobenzene	8.83		"	10.0		88.3	70-130				
1,4-Dioxane	9.41		"	10.0		94.1	70-130				
2-Butanone	10.5		"	10.0		105	70-130				
2-Hexanone	8.85		"	10.0		88.5	70-130				
3-Chloropropene	11.2		"	10.0		112	70-130				
4-Methyl-2-pentanone	8.93		"	10.0		89.3	70-130				
Acetone	9.36		"	10.0		93.6	70-130				
Acrylonitrile	11.0		"	10.0		110	70-130				
Benzene	10.9		"	10.0		109	70-130				
Benzyl chloride	8.50		"	10.0		85.0	70-130				
Bromodichloromethane	10.3		"	10.0		103	70-130				
Bromoform	8.97		"	10.0		89.7	70-130				
Bromomethane	13.1		"	10.0		131	70-130	High Bias			
Carbon disulfide	9.40		"	10.0		94.0	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31003 - EPA TO15 PREP											
LCS (BA31003-BS1)								Prepared & Analyzed: 01/19/2023			
Carbon tetrachloride	10.9		ppbv	10.0		109	70-130				
Chlorobenzene	9.34		"	10.0		93.4	70-130				
Chloroethane	14.2		"	10.0		142	70-130	High Bias			
Chloroform	9.97		"	10.0		99.7	70-130				
Chloromethane	11.6		"	10.0		116	70-130				
cis-1,2-Dichloroethylene	11.2		"	10.0		112	70-130				
cis-1,3-Dichloropropylene	9.45		"	10.0		94.5	70-130				
Cyclohexane	9.41		"	10.0		94.1	70-130				
Dibromochloromethane	9.69		"	10.0		96.9	70-130				
Dichlorodifluoromethane	11.3		"	10.0		113	70-130				
Ethyl acetate	10.6		"	10.0		106	70-130				
Ethyl Benzene	10.8		"	10.0		108	70-130				
Hexachlorobutadiene	6.23		"	10.0		62.3	70-130	Low Bias			
Isopropanol	8.71		"	10.0		87.1	70-130				
Methyl Methacrylate	8.70		"	10.0		87.0	70-130				
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	70-130				
Methylene chloride	8.49		"	10.0		84.9	70-130				
n-Heptane	9.33		"	10.0		93.3	70-130				
n-Hexane	9.52		"	10.0		95.2	70-130				
o-Xylene	8.86		"	10.0		88.6	70-130				
p- & m- Xylenes	17.8		"	20.0		89.0	70-130				
p-Ethyltoluene	9.17		"	10.0		91.7	70-130				
Propylene	11.2		"	10.0		112	70-130				
Styrene	8.45		"	10.0		84.5	70-130				
Tetrachloroethylene	10.0		"	10.0		100	70-130				
Tetrahydrofuran	10.6		"	10.0		106	70-130				
Toluene	8.92		"	10.0		89.2	70-130				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	70-130				
trans-1,3-Dichloropropylene	9.55		"	10.0		95.5	70-130				
Trichloroethylene	9.61		"	10.0		96.1	70-130				
Trichlorofluoromethane (Freon 11)	10.8		"	10.0		108	70-130				
Vinyl acetate	8.92		"	10.0		89.2	70-130				
Vinyl bromide	10.9		"	10.0		109	70-130				
Vinyl Chloride	12.8		"	10.0		128	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31068 - EPA TO15 PREP											
Blank (BA31068-BLK1)											Prepared & Analyzed: 01/20/2023
1,1,1,2-Tetrachloroethane	ND	0.10	ppbv								
1,1,1-Trichloroethane	ND	0.10	"								
1,1,2,2-Tetrachloroethane	ND	0.10	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.10	"								
1,1,2-Trichloroethane	ND	0.10	"								
1,1-Dichloroethane	ND	0.10	"								
1,1-Dichloroethylene	ND	0.025	"								
1,2,4-Trichlorobenzene	ND	0.10	"								
1,2,4-Trimethylbenzene	ND	0.10	"								
1,2-Dibromoethane	ND	0.10	"								
1,2-Dichlorobenzene	ND	0.10	"								
1,2-Dichloroethane	ND	0.10	"								
1,2-Dichloropropane	ND	0.10	"								
1,2-Dichlorotetrafluoroethane	ND	0.10	"								
1,3,5-Trimethylbenzene	ND	0.10	"								
1,3-Butadiene	ND	0.30	"								
1,3-Dichlorobenzene	ND	0.10	"								
1,3-Dichloropropane	ND	0.10	"								
1,4-Dichlorobenzene	ND	0.10	"								
1,4-Dioxane	ND	0.20	"								
2-Butanone	ND	0.10	"								
2-Hexanone	ND	0.20	"								
3-Chloropropene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.10	"								
Acetone	ND	0.20	"								
Acrylonitrile	ND	0.10	"								
Benzene	ND	0.10	"								
Benzyl chloride	ND	0.10	"								
Bromodichloromethane	ND	0.10	"								
Bromoform	ND	0.10	"								
Bromomethane	ND	0.10	"								
Carbon disulfide	ND	0.10	"								
Carbon tetrachloride	ND	0.025	"								
Chlorobenzene	ND	0.10	"								
Chloroethane	ND	0.10	"								
Chloroform	ND	0.10	"								
Chloromethane	ND	0.10	"								
cis-1,2-Dichloroethylene	ND	0.025	"								
cis-1,3-Dichloropropylene	ND	0.10	"								
Cyclohexane	ND	0.10	"								
Dibromochloromethane	ND	0.10	"								
Dichlorodifluoromethane	ND	0.10	"								
Ethyl acetate	ND	0.20	"								
Ethyl Benzene	ND	0.10	"								
Hexachlorobutadiene	ND	0.10	"								
Isopropanol	0.28	0.20	"								
Methyl Methacrylate	ND	0.10	"								
Methyl tert-butyl ether (MTBE)	ND	0.10	"								
Methylene chloride	ND	0.20	"								
n-Heptane	ND	0.10	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31068 - EPA TO15 PREP											
Blank (BA31068-BLK1)									Prepared & Analyzed: 01/20/2023		
n-Hexane	ND	0.10	ppbv								
o-Xylene	ND	0.10	"								
p- & m- Xylenes	ND	0.20	"								
p-Ethyltoluene	ND	0.10	"								
Propylene	ND	0.10	"								
Styrene	ND	0.10	"								
Tetrachloroethylene	ND	0.10	"								
Tetrahydrofuran	ND	0.20	"								
Toluene	ND	0.10	"								
trans-1,2-Dichloroethylene	ND	0.10	"								
trans-1,3-Dichloropropylene	ND	0.10	"								
Trichloroethylene	ND	0.025	"								
Trichlorofluoromethane (Freon 11)	ND	0.10	"								
Vinyl acetate	ND	0.10	"								
Vinyl bromide	ND	0.10	"								
Vinyl Chloride	ND	0.050	"								
LCS (BA31068-BS1)									Prepared & Analyzed: 01/20/2023		
1,1,1,2-Tetrachloroethane	9.37		ppbv	10.0		93.7	70-130				
1,1,1-Trichloroethane	10.2		"	10.0		102	70-130				
1,1,2,2-Tetrachloroethane	9.37		"	10.0		93.7	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.14		"	10.0		91.4	70-130				
1,1,2-Trichloroethane	8.17		"	10.0		81.7	70-130				
1,1-Dichloroethane	9.25		"	10.0		92.5	70-130				
1,1-Dichloroethylene	10.2		"	10.0		102	70-130				
1,2,4-Trichlorobenzene	7.66		"	10.0		76.6	70-130				
1,2,4-Trimethylbenzene	8.17		"	10.0		81.7	70-130				
1,2-Dibromoethane	8.81		"	10.0		88.1	70-130				
1,2-Dichlorobenzene	7.65		"	10.0		76.5	70-130				
1,2-Dichloroethane	10.1		"	10.0		101	70-130				
1,2-Dichloropropane	10.0		"	10.0		100	70-130				
1,2-Dichlorotetrafluoroethane	7.06		"	10.0		70.6	70-130				
1,3,5-Trimethylbenzene	8.17		"	10.0		81.7	70-130				
1,3-Butadiene	7.02		"	10.0		70.2	70-130				
1,3-Dichlorobenzene	7.98		"	10.0		79.8	70-130				
1,3-Dichloropropane	9.94		"	10.0		99.4	70-130				
1,4-Dichlorobenzene	7.75		"	10.0		77.5	70-130				
1,4-Dioxane	9.26		"	10.0		92.6	70-130				
2-Butanone	10.0		"	10.0		100	70-130				
2-Hexanone	7.57		"	10.0		75.7	70-130				
3-Chloropropene	11.0		"	10.0		110	70-130				
4-Methyl-2-pentanone	8.54		"	10.0		85.4	70-130				
Acetone	8.45		"	10.0		84.5	70-130				
Acrylonitrile	10.3		"	10.0		103	70-130				
Benzene	9.78		"	10.0		97.8	70-130				
Benzyl chloride	7.88		"	10.0		78.8	70-130				
Bromodichloromethane	9.88		"	10.0		98.8	70-130				
Bromoform	8.59		"	10.0		85.9	70-130				
Bromomethane	4.32		"	10.0		43.2	70-130	Low Bias			
Carbon disulfide	9.02		"	10.0		90.2	70-130				
Carbon tetrachloride	10.5		"	10.0		105	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31068 - EPA TO15 PREP											
LCS (BA31068-BS1)								Prepared & Analyzed: 01/20/2023			
Chlorobenzene	9.20		ppbv	10.0		92.0	70-130				
Chloroethane	7.19		"	10.0		71.9	70-130				
Chloroform	9.59		"	10.0		95.9	70-130				
Chloromethane	7.13		"	10.0		71.3	70-130				
cis-1,2-Dichloroethylene	11.1		"	10.0		111	70-130				
cis-1,3-Dichloropropylene	9.44		"	10.0		94.4	70-130				
Cyclohexane	9.66		"	10.0		96.6	70-130				
Dibromochloromethane	9.06		"	10.0		90.6	70-130				
Dichlorodifluoromethane	9.28		"	10.0		92.8	70-130				
Ethyl acetate	10.2		"	10.0		102	70-130				
Ethyl Benzene	10.6		"	10.0		106	70-130				
Hexachlorobutadiene	5.08		"	10.0		50.8	70-130	Low Bias			
Isopropanol	8.27		"	10.0		82.7	70-130				
Methyl Methacrylate	8.22		"	10.0		82.2	70-130				
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	70-130				
Methylene chloride	7.96		"	10.0		79.6	70-130				
n-Heptane	8.41		"	10.0		84.1	70-130				
n-Hexane	9.44		"	10.0		94.4	70-130				
o-Xylene	8.21		"	10.0		82.1	70-130				
p- & m- Xylenes	16.0		"	20.0		79.8	70-130				
p-Ethyltoluene	8.34		"	10.0		83.4	70-130				
Propylene	9.86		"	10.0		98.6	70-130				
Styrene	7.59		"	10.0		75.9	70-130				
Tetrachloroethylene	9.16		"	10.0		91.6	70-130				
Tetrahydrofuran	10.5		"	10.0		105	70-130				
Toluene	8.68		"	10.0		86.8	70-130				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	70-130				
trans-1,3-Dichloropropylene	9.35		"	10.0		93.5	70-130				
Trichloroethylene	9.48		"	10.0		94.8	70-130				
Trichlorofluoromethane (Freon 11)	9.18		"	10.0		91.8	70-130				
Vinyl acetate	8.61		"	10.0		86.1	70-130				
Vinyl bromide	9.73		"	10.0		97.3	70-130				
Vinyl Chloride	7.29		"	10.0		72.9	70-130				

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-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
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.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
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.
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YORK ANALYTICAL LABORATORIES INC

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. signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23A0582

Your

Page 1 of 2

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Vektor Consultants	Company:	Company:		RUSH - Next Day
Address: 37 W 37th St. 6th Flr NY, NY 10018	Address:	Address:	YOUR Project Name: 315 Grand Concourse, Bronx, NY	RUSH - Two Day
Phone.: 347-871-0750	Phone.:	Phone.:		RUSH - Three Day
Contact: Engi Karamel	Contact:	Contact:		RUSH - Four Day
E-mail: Engi@Vektorconsultants.com	E-mail: DKlein@Vektorconsultants.com	E-mail: AP@Vektorconsultants.com	YOUR PO#:	Standard (5-7 Day)

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

David Klein

Samples Collected by: (print your name above and sign below)

Air Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
AI - Indoor Ambient Air	New York	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 ___

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
23SU-1	1/12/23 0916	AS	-30	-3.5	28315	17186	TO-15
23SU-2	1/12/23 0916	AS	-30	-3.5	36990	6877	
23SU-3	1/12/23 0915	AS	-29	-3.5	37794	Y-22	
23SU-4	1/12/23 0915	AS	-29	-3.5	28857	5707	
23SU-5	1/12/23 0917	AS	-30	-3.5	41840	Y-39	
~~23SU-6~~	~~1/12/23 0917~~	~~AS~~	~~-30~~	~~-3.5~~	~~[illegible]~~	~~[illegible]~~	
23SU-7	1/12/23 0914	AS	-30	-3.5	28852	3350	
23SU-8	1/12/23 0914	AS	-29	-3.5	32011	7609	
23SU-9	1/12/23 0916	AS	-30	-3.5	24058	12182	
23SU-10	1/12/23 0915	AS	-30	-3.5	28855	5627	

Comments:

Detection Limits Required

≤ 1 ug/m³ ___ NYSDEC V1 Limits ___
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
[signature] / Vektor	1/12/23	Andrew S York	1/12/23 11:34	Andrew S York	1/12/23
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
				[signature]	1/12/23 14:14

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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. 23A0582

YOUR Information	Report To:	Invoice To:
Company: Vehicle Consultants ~~LLC~~	Company:	Company:
Address: 32 W 37 ~~ST~~ 8th Flr NY, NY 10018	Address:	Address:
Phone: 347-871-0750	Phone.:	Phone.:
Contact: Engi Karayel	Contact:	Contact:
E-mail: Engi@Vehicleconsultants.com	E-mail: DKlein@VehicleConsultants.com	E-mail: AP@VehicleConsultants.com

YOUR Project Number:

YOUR Project Name: 315 Grand Concourse, Bronx, NY

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) David Klein

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
- New Jersey
- Connecticut
- Pennsylvania
- Other

Report / EDD Type (circle selections)

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

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 X 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
235U-11	1/12/23 0918	AS	~30	-3	37607	7086	TO-15
230A-1	1/12/23 0914	AO	-30	-5	42995	7-42	

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
[signature] Vehicle	1/12/23	Andrew S York	1/12/23 1134	Andrew S. York	1/12/23
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
				~~Andrew S~~	~~1/12/23~~
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				Adam Carlo	1/12/23 18:14

Technical Report

prepared for:

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

Report Date: 01/23/2023
Client Project ID: 315 Grand Concourse Bronx, NY
York Project (SDG) No.: 23A0713

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: 01/23/2023
Client Project ID: 315 Grand Concourse Bronx, NY
York Project (SDG) No.: 23A0713

Vektor Consultants
37 W. 37th Street, 6th Floor
New York NY, 10018
Attention: Ezgi Karayel

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 January 13, 2023 and listed below. The project was identified as your project: **315 Grand Concourse Bronx, 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
23A0713-01	23SV-6	Soil Vapor	01/12/2023	01/13/2023

General Notes for York Project (SDG) No.: 23A0713

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: Cassie L. Mosher **Date:** 01/23/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: 23SV-6 **York Sample ID:** 23A0713-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0713	315 Grand Concourse Bronx, NY	Soil Vapor	January 12, 2023 9:17 am	01/13/2023

VOA, TO15 MASTER **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	11.0	16.03	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 23:31	VH
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	8.75	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	11.0	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	12.3	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	8.75	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.49	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
75-35-4	1,1-Dichloroethylene	ND		ug/m³	3.18	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	11.9	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
95-63-6	**1,2,4-Trimethylbenzene**	**162**		ug/m³	7.88	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
106-93-4	1,2-Dibromoethane	ND		ug/m³	12.3	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	9.64	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.49	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.41	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	11.2	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
108-67-8	**1,3,5-Trimethylbenzene**	**36.3**		ug/m³	7.88	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
106-99-0	1,3-Butadiene	ND		ug/m³	10.6	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	9.64	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.41	16.03	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 23:31	VH
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	9.64	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
123-91-1	1,4-Dioxane	ND		ug/m³	11.6	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
78-93-3	**2-Butanone**	**7.09**		ug/m³	4.73	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
591-78-6	* 2-Hexanone	ND		ug/m³	13.1	16.03	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 23:31	VH

Sample Information

Client Sample ID: 23SV-6 **York Sample ID:** 23A0713-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0713	315 Grand Concourse Bronx, NY	Soil Vapor	January 12, 2023 9:17 am	01/13/2023

VOA, TO15 MASTER

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	25.1	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	6.57	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
67-64-1	**Acetone**	**56.7**		ug/m³	7.62	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
107-13-1	Acrylonitrile	ND		ug/m³	3.48	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
71-43-2	Benzene	ND		ug/m³	5.12	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
100-44-7	Benzyl chloride	ND		ug/m³	8.30	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
75-27-4	Bromodichloromethane	ND		ug/m³	10.7	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
75-25-2	Bromoform	ND		ug/m³	16.6	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
74-83-9	Bromomethane	ND	TO-CCV, TO-LCS-L	ug/m³	6.22	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
75-15-0	**Carbon disulfide**	**5.49**		ug/m³	4.99	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
56-23-5	Carbon tetrachloride	ND		ug/m³	2.52	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
108-90-7	Chlorobenzene	ND		ug/m³	7.38	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
75-00-3	Chloroethane	ND		ug/m³	4.23	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
67-66-3	Chloroform	ND		ug/m³	7.83	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
74-87-3	Chloromethane	ND		ug/m³	3.31	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	3.18	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.28	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
110-82-7	Cyclohexane	ND		ug/m³	5.52	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
124-48-1	Dibromochloromethane	ND		ug/m³	13.7	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
75-71-8	Dichlorodifluoromethane	ND		ug/m³	7.93	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
141-78-6	* Ethyl acetate	ND		ug/m³	11.6	16.03	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 23:31	VH
100-41-4	**Ethyl Benzene**	**3020**		ug/m³	6.96	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH

Sample Information

Client Sample ID: 23SV-6 **York Sample ID:** 23A0713-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0713	315 Grand Concourse Bronx, NY	Soil Vapor	January 12, 2023 9:17 am	01/13/2023

VOA, TO15 MASTER

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
87-68-3	Hexachlorobutadiene	ND	CAL-E, TO-CCV, TO-LCS-L	ug/m³	17.1	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
67-63-0	**Isopropanol**	**29.6**	B	ug/m³	11.8	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
80-62-6	Methyl Methacrylate	ND		ug/m³	6.56	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	5.78	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
75-09-2	Methylene chloride	ND		ug/m³	11.1	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
142-82-5	**n-Heptane**	**13.8**		ug/m³	6.57	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
110-54-3	**n-Hexane**	**11.9**		ug/m³	5.65	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
95-47-6	**o-Xylene**	**2390**		ug/m³	6.96	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
179601-23-1	**p- & m- Xylenes**	**9260**		ug/m³	27.8	32.06	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/22/2023 16:52	VH
622-96-8	*** p-Ethyltoluene**	**140**		ug/m³	7.88	16.03	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 23:31	VH
115-07-1	* Propylene	ND		ug/m³	2.76	16.03	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 23:31	VH
100-42-5	**Styrene**	**66.9**		ug/m³	6.83	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
127-18-4	Tetrachloroethylene	ND		ug/m³	10.9	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
109-99-9	* Tetrahydrofuran	ND		ug/m³	9.46	16.03	EPA TO-15 Certifications:	01/19/2023 08:00	01/20/2023 23:31	VH
108-88-3	**Toluene**	**129**		ug/m³	6.04	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.36	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.28	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
79-01-6	Trichloroethylene	ND		ug/m³	2.15	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.01	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
108-05-4	Vinyl acetate	ND		ug/m³	5.64	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
593-60-2	Vinyl bromide	ND		ug/m³	7.01	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH
75-01-4	Vinyl Chloride	ND		ug/m³	2.05	16.03	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2023 08:00	01/20/2023 23:31	VH

Sample Information

Client Sample ID: **23SV-6** **York Sample ID:** **23A0713-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23A0713	315 Grand Concourse Bronx, NY	Soil Vapor	January 12, 2023 9:17 am	01/13/2023

Analytical Batch Summary

Batch ID: BA31068 **Preparation Method:** EPA TO15 PREP **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
23A0713-01	23SV-6	01/19/23
BA31068-BLK1	Blank	01/20/23
BA31068-BS1	LCS	01/20/23

Batch ID: BA31111 **Preparation Method:** EPA TO15 PREP **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
23A0713-01RE1	23SV-6	01/19/23
BA31111-BLK1	Blank	01/19/23
BA31111-BS1	LCS	01/19/23
BA31111-DUP1	Duplicate	01/19/23

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31068 - EPA TO15 PREP											
Blank (BA31068-BLK1)											Prepared & Analyzed: 01/20/2023
1,1,1,2-Tetrachloroethane	ND	0.687	ug/m³								
1,1,1-Trichloroethane	ND	0.546	"								
1,1,2,2-Tetrachloroethane	ND	0.687	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.766	"								
1,1,2-Trichloroethane	ND	0.546	"								
1,1-Dichloroethane	ND	0.405	"								
1,1-Dichloroethylene	ND	0.198	"								
1,2,4-Trichlorobenzene	ND	0.742	"								
1,2,4-Trimethylbenzene	ND	0.492	"								
1,2-Dibromoethane	ND	0.768	"								
1,2-Dichlorobenzene	ND	0.601	"								
1,2-Dichloroethane	ND	0.405	"								
1,2-Dichloropropane	ND	0.462	"								
1,2-Dichlorotetrafluoroethane	ND	0.699	"								
1,3,5-Trimethylbenzene	ND	0.492	"								
1,3-Butadiene	ND	0.664	"								
1,3-Dichlorobenzene	ND	0.601	"								
1,3-Dichloropropane	ND	0.462	"								
1,4-Dichlorobenzene	ND	0.601	"								
1,4-Dioxane	ND	0.721	"								
2-Butanone	ND	0.295	"								
2-Hexanone	ND	0.819	"								
3-Chloropropene	ND	1.57	"								
4-Methyl-2-pentanone	ND	0.410	"								
Acetone	ND	0.475	"								
Acrylonitrile	ND	0.217	"								
Benzene	ND	0.319	"								
Benzyl chloride	ND	0.518	"								
Bromodichloromethane	ND	0.670	"								
Bromoform	ND	1.03	"								
Bromomethane	ND	0.388	"								
Carbon disulfide	ND	0.311	"								
Carbon tetrachloride	ND	0.157	"								
Chlorobenzene	ND	0.460	"								
Chloroethane	ND	0.264	"								
Chloroform	ND	0.488	"								
Chloromethane	ND	0.207	"								
cis-1,2-Dichloroethylene	ND	0.198	"								
cis-1,3-Dichloropropylene	ND	0.454	"								
Cyclohexane	ND	0.344	"								
Dibromochloromethane	ND	0.852	"								
Dichlorodifluoromethane	ND	0.495	"								
Ethyl acetate	ND	0.721	"								
Ethyl Benzene	ND	0.434	"								
Hexachlorobutadiene	ND	1.07	"								
Isopropanol	0.688	0.492	"								
Methyl Methacrylate	ND	0.409	"								
Methyl tert-butyl ether (MTBE)	ND	0.361	"								
Methylene chloride	ND	0.695	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31068 - EPA TO15 PREP											
Blank (BA31068-BLK1)									Prepared & Analyzed: 01/20/2023		
n-Heptane	ND	0.410	ug/m³								
n-Hexane	ND	0.352	"								
o-Xylene	ND	0.434	"								
p- & m- Xylenes	ND	0.868	"								
p-Ethyltoluene	ND	0.492	"								
Propylene	ND	0.172	"								
Styrene	ND	0.426	"								
Tetrachloroethylene	ND	0.678	"								
Tetrahydrofuran	ND	0.590	"								
Toluene	ND	0.377	"								
trans-1,2-Dichloroethylene	ND	0.396	"								
trans-1,3-Dichloropropylene	ND	0.454	"								
Trichloroethylene	ND	0.134	"								
Trichlorofluoromethane (Freon 11)	ND	0.562	"								
Vinyl acetate	ND	0.352	"								
Vinyl bromide	ND	0.437	"								
Vinyl Chloride	ND	0.128	"								
LCS (BA31068-BS1)									Prepared & Analyzed: 01/20/2023		
1,1,1,2-Tetrachloroethane	9.37		ppbv	10.0		93.7	70-130				
1,1,1-Trichloroethane	10.2		"	10.0		102	70-130				
1,1,2,2-Tetrachloroethane	9.37		"	10.0		93.7	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.14		"	10.0		91.4	70-130				
1,1,2-Trichloroethane	8.17		"	10.0		81.7	70-130				
1,1-Dichloroethane	9.25		"	10.0		92.5	70-130				
1,1-Dichloroethylene	10.2		"	10.0		102	70-130				
1,2,4-Trichlorobenzene	7.66		"	10.0		76.6	70-130				
1,2,4-Trimethylbenzene	8.17		"	10.0		81.7	70-130				
1,2-Dibromoethane	8.81		"	10.0		88.1	70-130				
1,2-Dichlorobenzene	7.65		"	10.0		76.5	70-130				
1,2-Dichloroethane	10.1		"	10.0		101	70-130				
1,2-Dichloropropane	10.0		"	10.0		100	70-130				
1,2-Dichlorotetrafluoroethane	7.06		"	10.0		70.6	70-130				
1,3,5-Trimethylbenzene	8.17		"	10.0		81.7	70-130				
1,3-Butadiene	7.02		"	10.0		70.2	70-130				
1,3-Dichlorobenzene	7.98		"	10.0		79.8	70-130				
1,3-Dichloropropane	9.94		"	10.0		99.4	70-130				
1,4-Dichlorobenzene	7.75		"	10.0		77.5	70-130				
1,4-Dioxane	9.26		"	10.0		92.6	70-130				
2-Butanone	10.0		"	10.0		100	70-130				
2-Hexanone	7.57		"	10.0		75.7	70-130				
3-Chloropropene	11.0		"	10.0		110	70-130				
4-Methyl-2-pentanone	8.54		"	10.0		85.4	70-130				
Acetone	8.45		"	10.0		84.5	70-130				
Acrylonitrile	10.3		"	10.0		103	70-130				
Benzene	9.78		"	10.0		97.8	70-130				
Benzyl chloride	7.88		"	10.0		78.8	70-130				
Bromodichloromethane	9.88		"	10.0		98.8	70-130				
Bromoform	8.59		"	10.0		85.9	70-130				
Bromomethane	4.32		"	10.0		43.2	70-130	Low Bias			
Carbon disulfide	9.02		"	10.0		90.2	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31068 - EPA TO15 PREP											
LCS (BA31068-BS1)								Prepared & Analyzed: 01/20/2023			
Carbon tetrachloride	10.5		ppbv	10.0		105	70-130				
Chlorobenzene	9.20		"	10.0		92.0	70-130				
Chloroethane	7.19		"	10.0		71.9	70-130				
Chloroform	9.59		"	10.0		95.9	70-130				
Chloromethane	7.13		"	10.0		71.3	70-130				
cis-1,2-Dichloroethylene	11.1		"	10.0		111	70-130				
cis-1,3-Dichloropropylene	9.44		"	10.0		94.4	70-130				
Cyclohexane	9.66		"	10.0		96.6	70-130				
Dibromochloromethane	9.06		"	10.0		90.6	70-130				
Dichlorodifluoromethane	9.28		"	10.0		92.8	70-130				
Ethyl acetate	10.2		"	10.0		102	70-130				
Ethyl Benzene	10.6		"	10.0		106	70-130				
Hexachlorobutadiene	5.08		"	10.0		50.8	70-130	Low Bias			
Isopropanol	8.27		"	10.0		82.7	70-130				
Methyl Methacrylate	8.22		"	10.0		82.2	70-130				
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	70-130				
Methylene chloride	7.96		"	10.0		79.6	70-130				
n-Heptane	8.41		"	10.0		84.1	70-130				
n-Hexane	9.44		"	10.0		94.4	70-130				
o-Xylene	8.21		"	10.0		82.1	70-130				
p- & m- Xylenes	16.0		"	20.0		79.8	70-130				
p-Ethyltoluene	8.34		"	10.0		83.4	70-130				
Propylene	9.86		"	10.0		98.6	70-130				
Styrene	7.59		"	10.0		75.9	70-130				
Tetrachloroethylene	9.16		"	10.0		91.6	70-130				
Tetrahydrofuran	10.5		"	10.0		105	70-130				
Toluene	8.68		"	10.0		86.8	70-130				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	70-130				
trans-1,3-Dichloropropylene	9.35		"	10.0		93.5	70-130				
Trichloroethylene	9.48		"	10.0		94.8	70-130				
Trichlorofluoromethane (Freon 11)	9.18		"	10.0		91.8	70-130				
Vinyl acetate	8.61		"	10.0		86.1	70-130				
Vinyl bromide	9.73		"	10.0		97.3	70-130				
Vinyl Chloride	7.29		"	10.0		72.9	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31111 - EPA TO15 PREP											
Blank (BA31111-BLK1)											
Prepared: 01/19/2023 Analyzed: 01/22/2023											
1,1,1,2-Tetrachloroethane	ND	0.687	ug/m³								
1,1,1-Trichloroethane	ND	0.546	"								
1,1,2,2-Tetrachloroethane	ND	0.687	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.766	"								
1,1,2-Trichloroethane	ND	0.546	"								
1,1-Dichloroethane	ND	0.405	"								
1,1-Dichloroethylene	ND	0.198	"								
1,2,4-Trichlorobenzene	ND	0.742	"								
1,2,4-Trimethylbenzene	ND	0.492	"								
1,2-Dibromoethane	ND	0.768	"								
1,2-Dichlorobenzene	ND	0.601	"								
1,2-Dichloroethane	ND	0.405	"								
1,2-Dichloropropane	ND	0.462	"								
1,2-Dichlorotetrafluoroethane	ND	0.699	"								
1,3,5-Trimethylbenzene	ND	0.492	"								
1,3-Butadiene	ND	0.664	"								
1,3-Dichlorobenzene	ND	0.601	"								
1,3-Dichloropropane	ND	0.462	"								
1,4-Dichlorobenzene	ND	0.601	"								
1,4-Dioxane	ND	0.721	"								
2-Butanone	ND	0.295	"								
2-Hexanone	ND	0.819	"								
3-Chloropropene	ND	1.57	"								
4-Methyl-2-pentanone	ND	0.410	"								
Acetone	ND	0.475	"								
Acrylonitrile	ND	0.217	"								
Benzene	ND	0.319	"								
Benzyl chloride	ND	0.518	"								
Bromodichloromethane	ND	0.670	"								
Bromoform	ND	1.03	"								
Bromomethane	ND	0.388	"								
Carbon disulfide	ND	0.311	"								
Carbon tetrachloride	ND	0.157	"								
Chlorobenzene	ND	0.460	"								
Chloroethane	ND	0.264	"								
Chloroform	ND	0.488	"								
Chloromethane	ND	0.207	"								
cis-1,2-Dichloroethylene	ND	0.198	"								
cis-1,3-Dichloropropylene	ND	0.454	"								
Cyclohexane	ND	0.344	"								
Dibromochloromethane	ND	0.852	"								
Dichlorodifluoromethane	ND	0.495	"								
Ethyl acetate	ND	0.721	"								
Ethyl Benzene	ND	0.434	"								
Hexachlorobutadiene	ND	1.07	"								
Isopropanol	0.590	0.492	"								
Methyl Methacrylate	ND	0.409	"								
Methyl tert-butyl ether (MTBE)	ND	0.361	"								
Methylene chloride	ND	0.695	"								
n-Heptane	ND	0.410	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31111 - EPA TO15 PREP											
Blank (BA31111-BLK1)											Prepared: 01/19/2023 Analyzed: 01/22/2023
n-Hexane	ND	0.352	ug/m³								
o-Xylene	ND	0.434	"								
p- & m- Xylenes	ND	0.868	"								
p-Ethyltoluene	ND	0.492	"								
Propylene	ND	0.172	"								
Styrene	ND	0.426	"								
Tetrachloroethylene	ND	0.678	"								
Tetrahydrofuran	ND	0.590	"								
Toluene	ND	0.377	"								
trans-1,2-Dichloroethylene	ND	0.396	"								
trans-1,3-Dichloropropylene	ND	0.454	"								
Trichloroethylene	ND	0.134	"								
Trichlorofluoromethane (Freon 11)	ND	0.562	"								
Vinyl acetate	ND	0.352	"								
Vinyl bromide	ND	0.437	"								
Vinyl Chloride	ND	0.128	"								
LCS (BA31111-BS1)											Prepared: 01/19/2023 Analyzed: 01/22/2023
1,1,1,2-Tetrachloroethane	10.0		ppbv	10.0		100	70-130				
1,1,1-Trichloroethane	10.9		"	10.0		109	70-130				
1,1,2,2-Tetrachloroethane	9.86		"	10.0		98.6	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	70-130				
1,1,2-Trichloroethane	8.93		"	10.0		89.3	70-130				
1,1-Dichloroethane	9.72		"	10.0		97.2	70-130				
1,1-Dichloroethylene	11.1		"	10.0		111	70-130				
1,2,4-Trichlorobenzene	8.03		"	10.0		80.3	70-130				
1,2,4-Trimethylbenzene	8.91		"	10.0		89.1	70-130				
1,2-Dibromoethane	9.42		"	10.0		94.2	70-130				
1,2-Dichlorobenzene	8.42		"	10.0		84.2	70-130				
1,2-Dichloroethane	10.6		"	10.0		106	70-130				
1,2-Dichloropropane	10.7		"	10.0		107	70-130				
1,2-Dichlorotetrafluoroethane	7.98		"	10.0		79.8	70-130				
1,3,5-Trimethylbenzene	8.71		"	10.0		87.1	70-130				
1,3-Butadiene	7.82		"	10.0		78.2	70-130				
1,3-Dichlorobenzene	8.77		"	10.0		87.7	70-130				
1,3-Dichloropropane	10.2		"	10.0		102	70-130				
1,4-Dichlorobenzene	8.51		"	10.0		85.1	70-130				
1,4-Dioxane	9.64		"	10.0		96.4	70-130				
2-Butanone	10.3		"	10.0		103	70-130				
2-Hexanone	8.35		"	10.0		83.5	70-130				
3-Chloropropene	11.8		"	10.0		118	70-130				
4-Methyl-2-pentanone	8.88		"	10.0		88.8	70-130				
Acetone	9.41		"	10.0		94.1	70-130				
Acrylonitrile	11.0		"	10.0		110	70-130				
Benzene	10.7		"	10.0		107	70-130				
Benzyl chloride	8.65		"	10.0		86.5	70-130				
Bromodichloromethane	10.7		"	10.0		107	70-130				
Bromoform	9.14		"	10.0		91.4	70-130				
Bromomethane	8.17		"	10.0		81.7	70-130				
Carbon disulfide	9.75		"	10.0		97.5	70-130				
Carbon tetrachloride	11.2		"	10.0		112	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31111 - EPA TO15 PREP											
LCS (BA31111-BS1)								Prepared: 01/19/2023 Analyzed: 01/22/2023			
Chlorobenzene	9.79		ppbv	10.0		97.9	70-130				
Chloroethane	10.1		"	10.0		101	70-130				
Chloroform	10.2		"	10.0		102	70-130				
Chloromethane	7.53		"	10.0		75.3	70-130				
cis-1,2-Dichloroethylene	11.5		"	10.0		115	70-130				
cis-1,3-Dichloropropylene	9.53		"	10.0		95.3	70-130				
Cyclohexane	9.99		"	10.0		99.9	70-130				
Dibromochloromethane	9.76		"	10.0		97.6	70-130				
Dichlorodifluoromethane	11.4		"	10.0		114	70-130				
Ethyl acetate	10.6		"	10.0		106	70-130				
Ethyl Benzene	11.2		"	10.0		112	70-130				
Hexachlorobutadiene	5.75		"	10.0		57.5	70-130	Low Bias			
Isopropanol	9.15		"	10.0		91.5	70-130				
Methyl Methacrylate	8.88		"	10.0		88.8	70-130				
Methyl tert-butyl ether (MTBE)	12.4		"	10.0		124	70-130				
Methylene chloride	8.44		"	10.0		84.4	70-130				
n-Heptane	9.26		"	10.0		92.6	70-130				
n-Hexane	10.1		"	10.0		101	70-130				
o-Xylene	8.74		"	10.0		87.4	70-130				
p- & m- Xylenes	17.0		"	20.0		85.2	70-130				
p-Ethyltoluene	9.10		"	10.0		91.0	70-130				
Propylene	12.1		"	10.0		121	70-130				
Styrene	8.25		"	10.0		82.5	70-130				
Tetrachloroethylene	9.89		"	10.0		98.9	70-130				
Tetrahydrofuran	10.7		"	10.0		107	70-130				
Toluene	9.20		"	10.0		92.0	70-130				
trans-1,2-Dichloroethylene	11.1		"	10.0		111	70-130				
trans-1,3-Dichloropropylene	9.62		"	10.0		96.2	70-130				
Trichloroethylene	10.0		"	10.0		100	70-130				
Trichlorofluoromethane (Freon 11)	10.4		"	10.0		104	70-130				
Vinyl acetate	9.24		"	10.0		92.4	70-130				
Vinyl bromide	11.5		"	10.0		115	70-130				
Vinyl Chloride	8.11		"	10.0		81.1	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31111 - EPA TO15 PREP											
Duplicate (BA31111-DUP1)	*Source sample: 23A0711-01 (Duplicate)								Prepared: 01/19/2023 Analyzed: 01/22/2023		
1,1,1,2-Tetrachloroethane	ND	2.07	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	1.65	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	2.07	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.32	"		ND					25	
1,1,2-Trichloroethane	ND	1.65	"		ND					25	
1,1-Dichloroethane	ND	1.22	"		ND					25	
1,1-Dichloroethylene	ND	0.599	"		ND					25	
1,2,4-Trichlorobenzene	ND	2.24	"		ND					25	
1,2,4-Trimethylbenzene	219	1.49	"		224				1.88	25	
1,2-Dibromoethane	ND	2.32	"		ND					25	
1,2-Dichlorobenzene	ND	1.82	"		ND					25	
1,2-Dichloroethane	ND	1.22	"		ND					25	
1,2-Dichloropropane	ND	1.40	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	2.11	"		ND					25	
1,3,5-Trimethylbenzene	57.6	1.49	"		58.5				1.53	25	
1,3-Butadiene	ND	2.01	"		ND					25	
1,3-Dichlorobenzene	ND	1.82	"		ND					25	
1,3-Dichloropropane	ND	1.40	"		ND					25	
1,4-Dichlorobenzene	ND	1.82	"		ND					25	
1,4-Dioxane	ND	2.18	"		ND					25	
2-Butanone	7.49	0.891	"		6.68				11.3	25	
2-Hexanone	ND	2.48	"		ND					25	
3-Chloropropene	ND	4.73	"		ND					25	
4-Methyl-2-pentanone	ND	1.24	"		ND					25	
Acetone	15.2	1.44	"		14.6				4.34	25	
Acrylonitrile	ND	0.656	"		ND					25	
Benzene	16.4	0.965	"		16.0				2.38	25	
Benzyl chloride	ND	1.56	"		ND					25	
Bromodichloromethane	ND	2.02	"		ND					25	
Bromoform	ND	3.12	"		ND					25	
Bromomethane	ND	1.17	"		ND					25	
Carbon disulfide	ND	0.941	"		ND					25	
Carbon tetrachloride	ND	0.475	"		ND					25	
Chlorobenzene	ND	1.39	"		ND					25	
Chloroethane	ND	0.797	"		ND					25	
Chloroform	2.80	1.48	"		2.51				11.1	25	
Chloromethane	0.437	0.624	"		0.686				44.4	25	Non-dir.
cis-1,2-Dichloroethylene	ND	0.599	"		ND					25	
cis-1,3-Dichloropropylene	ND	1.37	"		ND					25	
Cyclohexane	6.35	1.04	"		5.51				14.0	25	
Dibromochloromethane	ND	2.57	"		ND					25	
Dichlorodifluoromethane	2.24	1.49	"		2.24				0.00	25	
Ethyl acetate	ND	2.18	"		ND					25	
Ethyl Benzene	147	1.31	"		146				1.07	25	
Hexachlorobutadiene	ND	3.22	"		ND					25	
Isopropanol	2.82	1.49	"		2.53				11.1	25	
Methyl Methacrylate	ND	1.24	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	1.09	"		ND					25	
Methylene chloride	2.31	2.10	"		1.99				14.6	25	
n-Heptane	45.7	1.24	"		44.2				3.31	25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA31111 - EPA TO15 PREP											
Duplicate (BA31111-DUP1)	*Source sample: 23A0711-01 (Duplicate)								Prepared: 01/19/2023 Analyzed: 01/22/2023		
n-Hexane	75.4	1.07	ug/m³		74.0				1.85	25	
o-Xylene	171	1.31	"		174				1.37	25	
p- & m- Xylenes	489	2.62	"		502				2.57	25	
p-Ethyltoluene	257	1.49	"		261				1.67	25	
Propylene	ND	0.520	"		ND					25	
Styrene	ND	1.29	"		ND					25	
Tetrachloroethylene	1.02	2.05	"		1.02				0.00	25	
Tetrahydrofuran	ND	1.78	"		ND					25	
Toluene	349	1.14	"		359				2.67	25	
trans-1,2-Dichloroethylene	ND	1.20	"		ND					25	
trans-1,3-Dichloropropylene	ND	1.37	"		ND					25	
Trichloroethylene	0.974	0.406	"		0.812				18.2	25	
Trichlorofluoromethane (Freon 11)	ND	1.70	"		ND					25	
Vinyl acetate	ND	1.06	"		ND					25	
Vinyl bromide	ND	1.32	"		ND					25	
Vinyl Chloride	ND	0.386	"		ND					25	

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
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.
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Field Chain-of-Custody Record - AIR

YORK Project No. 23A0713

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. signature binds you to YORK's Standard Terms & Conditions.

Your

Page 1 of 1

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Velcter Consultants	Company:	Company:		RUSH - Next Day
Address: 37 W. 37th St - Temple NY, NY 10018	Address:	Address:		RUSH - Two Day
Phone.: 347-871-0750	Phone.:	Phone.:	YOUR Project Name: 3.5 Grand Concourse Bronx, NY	RUSH - Three Day
Contact: Ezgi Karayel	Contact:	Contact:		RUSH - Four Day
E-mail: Ezgi@Velcter Consultants.com	E-mail: DKlem@Velcterconsultants.com	E-mail: AP@Velcter Consultants.com	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.

David Klem

Samples Collected by: (print your name above and sign below)

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 ✓ 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
23SU-6	1/12/23 0917	AS	-30	-3.5	34496	6865	TO-15

Comments:

Detection Limits Required

≤ 1 ug/m³ ___ NYSDEC V1 Limits ___
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
Velcter	1/13/23 0945	Noel N York Labs	1/13/23 09:39	Noel N York Labs	1/13/23
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
				Danny Carlo	1/13/23 17:15