LANGAN

# Memorandum

**Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.**
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**To:** Jane O'Connell, Christopher Allan, Mandy Yau (NYSDEC)

**From:** Jason Hayes, Greg Wyka, Roswell Lo (Langan)

**Info:** J. Hare, M. Quigley, P. Kirby, T. Pfohl (Plaxall)
E. Knauer, M. Chertok (SPR)
S. Berninger (NYSDOH)

**Date:** November 15, 2024

**Re:** 2024 Biannual Soil Vapor Intrusion Monitoring Report – Lots 4 and 17
ABC Block 27
Long Island City, New York
NYSDEC BCP Site No. C241175
Langan Project No. 170340204

## INTRODUCTION

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) was retained by PLAX BL27, LLC (the Participant) to observe and document the implementation of interim remedial measures at 46-12 Vernon Boulevard (Block 27, Lot 4) and 5-17 46th Road (Block 27, Lot 17) in Long Island City, New York (the site). Lot 4 and Lot 17 are part of a larger assemblage of parcels (ABC Block 27) that are currently enrolled in the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) to investigate and remediate the site pursuant to the NYSDEC Brownfield Cleanup Agreement (BCA) executed on February 3, 2016.

An interim Site Management Plan (iSMP), included as Appendix K of a Construction Completion Report (CCR) submitted to NYSDEC in June 2023, is a required element of the interim remedial program to control exposure to remaining contamination during the interim use of the site prior to implementation of a site remedy. The iSMP requires a periodic review of the engineering controls (EC) at the site. This memorandum summarizes inspection conditions and monitoring results from the biannual composite cover system inspection, the "heating season" soil vapor intrusion monitoring event completed in December 2023, and the "non-heating season" soil vapor intrusion monitoring event completed in August 2024.

## SITE DESCRIPTION AND SITE HISTORY

ABC Block 27 is located at 5-46 46th Avenue in Long Island City, New York and is identified as Queens Tax Block 27, Lots 2, 4, 5, 15, 17, 23, 25, and 37. ABC Block 27 encompasses an area of about 105,150 square feet (2.42 acres) and is located on the city block bound by 46th Avenue

to the north, Vernon Boulevard to the east, 46th Road to the south, and 5th Street to the west. A site location map is provided as Figure 1.

Lot 4 encompasses an area of about 2,500 square feet (0.06 acres) and is occupied by a two-story, multifamily residential building with a cellar and a landscaped rear yard. Lot 17 encompasses an area of about 16,400 square feet (0.38 acres) and is occupied by a two-story building zoned for industrial use. A site plan is presented as Figure 2.

Historical uses of Lot 4 include a two-story retail store from 1936 to 1970 and a two-story residential building from circa 1977 to the present day. The residence is currently occupied.

Historical uses of Lot 17 include general storage (1936), machine shops (1939 to 1945), an aircraft production corporation (1947), a knitting mill (1950), a textile manufacturer (1950), a factory (1950), a dispensing machine manufacturer (1962 to 1979), a woodworking facility (1980 to 2006), an artist studio (2006 to 2021), and a New York City Department of Health and Mental Hygiene (NYCDOHMH) COVID-19 and monkeypox vaccination site (2021 to 2022). The eastern part of the first floor of the Lot 17 building is currently occupied by a dance studio; the central and western parts of the first floor are under renovation. The second floor is currently occupied by a fine art school and several beauty/aesthetic businesses.

## SUMMARY OF ENGINEERING CONTROLS MONITORING AND INSPECTIONS

Lots 4 and 17 both contain a composite cover system that serves as a protective barrier to minimize the risk of exposure to subsurface contamination. The system is comprised of an approximately 3-inch-thick concrete foundation slab across the cellar, concrete patio pavers, and a 3- to 4-foot-thick layer of clean imported soil[1] at Lot 4 and an about 4- to 12-inch-thick concrete foundation slab across the ground floor at Lot 17. Cellar sumps are fitted with covers on Lot 4. The extents of the composite cover systems at Lots 4 and 17 are shown on Figures 3 and 4, respectively.

## BIANNUAL COMPOSITE COVER SYSTEM INSPECTION

### ***Lot 4***

Langan completed the biannual composite cover site inspections on Lot 4 on December 15, 2023 and August 5, 2024 to identify potential deficiencies or breaches of the cover system or to document that the composite cover system continues to perform as designed. Cracks were observed in the slab in the eastern part of the cellar during the August 5, 2024 inspection. Langan recommended to the owner to fill the cracks with hydraulic cement and/or SikaFix® HH. Repairs made to minor surficial cracks during the 2021 reporting period were observed to be in good condition. In addition, the masonry waterproofing sealant applied to the foundation sidewalls of the basement as part of the 2020 IRM was observed to be in good condition. The two sump pits

[1] The placement of the clean cover soil layer was documented in the June 2021 CCR.

in the basement are fitted with sump covers with one way check valves to allow water to enter the pit and prevent gases and odors from escaping into the cellar. Standing water was observed within the sump pits.

The rear yard was clear of obstructions to allow for a thorough visual inspection. There were no breaches of the capping system observed and the Participant did not indicate any knowledge of soil disturbance activities during the reporting period. A copy of the completed site inspection form is provided in Attachment A.

***Lot 17***

Langan completed the biannual composite cover site inspections on Lot 17 on December 15, 2023 and August 7, 2024 to identify potential deficiencies or breaches of the cover system or to document that the composite cover system continues to perform as designed. No breaches of the composite cover system that indicated a potentially complete exposure pathway between the building occupants and site contaminants were observed at the time of Langan's site inspections. Repairs made to minor surficial cracks during the 2021 reporting period were observed to be in good condition. Three utility pits were observed during the site inspection. Two of the utility pits located in the southern part of the site were repaired with masonry cement/stucco as part of the 2020 IRM; the repair was observed to be intact during the recent site inspections. No breaches were observed in the utility pit located in the central part of the site during the site inspections. Standing water was not observed within any of the utility pits during the site inspections. In the western part of the ground floor, minor renovation work, including painting, wood cutting, and tile removal were underway. Chemicals/products in use for the renovation work were catalogued and documented using the NYSDOH Indoor Air Quality (IAQ) Questionnaire (Attachment B). In the eastern part of the ground floor within the dance studio space, minor alterations to the slab, including 1/2-inch diameter holes drilled into the slab, were observed. The holes did not penetrate through the slab and therefore do not create a complete exposure pathway. A copy of the completed site inspection form is provided in Attachment A.

## BIANNUAL VAPOR INTRUSION MONITORING

Co-located sub-slab vapor and indoor air samples were collected from permanent sub-slab vapor points installed in the cellar of Lot 4 and on the ground floor of Lot 17 during heating and non-heating season sampling events. Sampling was performed in accordance with the NYSDEC-approved iSMP on December 14-15, 2023 (heating season) and August 6-7, 2024 (non-heating season).

- One concurrent sub-slab vapor sample and co-located indoor air sample and one ambient air sample were collected over a 24-hour sampling period from Lot 4 and analyzed for volatile organic compounds (VOC) via United States Environmental Protection Agency

(USEPA) Method TO-15 by York Analytical Laboratories Inc (York), a NYSDOH Environmental Laboratory Approval Program (ELAP)-certified laboratory (ELAP ID # 10854 and 12058) located in Stratford, Connecticut.

- Six concurrent sub-slab vapor samples and co-located indoor air samples and one ambient air sample were collected over an 8-hour sampling period from Lot 17 and analyzed by York for VOCs via USEPA Method TO-15.

Sub-slab and indoor air sample locations are shown on Figures 3 and 4. The laboratory analytical data was validated in accordance with the iSMP and a Data Usability Summary Report (DUSR) is included in Attachment C. Electronic data deliverables (EDDs) were submitted to the NYSDEC.

During both the December 2023 and August 2024 sampling events, differential pressures were recorded at the permanent sub-slab vapor points to evaluate ambient pressures between the sub-slab space and building interior using a VelociCalc® Multi-Function Ventilation Meter. Differential pressure readings were recorded in inches of water ($inH_2O$).

***Lot 4***

Soil Vapor Intrusion Monitoring Methodology

The same soil vapor intrusion monitoring methodology was used for both the December 2023 and August 2024 sampling events and was performed as follows:

- A product inventory was completed in the area of the indoor sample location before sampling to document petroleum-based products, solvents, chemicals, and other materials/products and volatile chemicals that may influence the sample results. The product inventory did not identify any products that could influence the sample results. Copies of the NYSDOH indoor air quality and product inventory questionnaires are included in Attachment B.
- One sub-slab vapor sample was collected from permanent sub-slab vapor point SSV08. The concurrent, co-located indoor air sample was collected at a height of about 3 feet above the ground to simulate the breathing zone. An ambient air sample was also collected in the rear yard of Lot 4 to evaluate potential outdoor air interferences. Outdoor air infiltration was minimized by closing exterior doors to the cellar during the sub-slab vapor and indoor air sampling. The sub-slab, indoor air, and ambient air samples were collected into laboratory-supplied, individually-certified, 6-L Summa® canisters calibrated for 24 hours of sampling and analyzed for TO-15 VOCs.

**December 2023 Results**

Differential Pressure Monitoring

Differential pressure was measured from permanent sub-slab vapor point SSV08 at 0.000 in$H_2O$, which indicates that sub-slab air pressure was equal to indoor air pressure during the December 2023 sampling event.

Sub-Slab Vapor and Indoor Air Sampling Results

The analytical results from the December 2023 sampling event were evaluated using the NYSDOH Decision Matrices and compared to the NYSDOH Air Guideline Values (AGV) as set forth in the NYSDOH October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York and subsequent updates (May 2017, February 2024), herein referred to as the NYSDOH Guidance. Tabulated analytical results from the sampling event, compared to the NYSDOH AGV and decision matrices are presented in Table 2. The laboratory analytical data reports are provided in Attachment D.

Of the 18 VOCs evaluated using the NYSDOH Decision Matrices, five VOCs were detected in sub-slab vapor, seven were detected in indoor air and seven were detected in ambient air. The sub-slab vapor and/or indoor air concentrations of all 18 VOCs resulted in a recommendation of "no further action" when evaluated using the NYSDOH decision matrices. Of the three VOCs with NYSDOH AGVs, two VOCs (methylene chloride and trichloroethene [TCE]) were detected in indoor air; however, the concentrations of methylene chloride and TCE in indoor air did not exceed the AGV.

Sub-slab soil vapor and air sampling logs are included as Attachment B.

**August 2024 Results**

Differential Pressure Monitoring

Differential pressure was measured from permanent sub-slab vapor point SSV08 at 0.000 in$H_2O$, which indicates that sub-slab air pressure was equal to indoor air pressure during the August 2024 sampling event.

Sub-Slab Vapor and Indoor Air Sampling Results

The analytical results from the August 2024 sampling event were evaluated using the NYSDOH Decision Matrices and compared to the NYSDOH AGVs as set forth in the NYSDOH Guidance. Tabulated analytical results from the sampling event, compared to the NYSDOH AGV and decision matrices are presented in Table 3. The laboratory analytical data reports are provided in Attachment D.

Of the 18 VOCs evaluated using the NYSDOH Decision Matrices, 13 VOCs were detected in sub-slab vapor, 11 VOCs were detected in indoor air, and 12 VOCs were detected in ambient air. The sub-slab vapor and/or indoor air concentrations of 1,1,1-trichloroethene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, carbon tetrachloride, cis-1,2-dichloroethene, ethylbenzene, m,p-xylene, naphthalene, n-heptane, n-hexane, o-xylene, toluene and TCE resulted in a recommendation of "no further action" when evaluated using the NYSDOH decision matrices. Of the three VOCs with NYSDOH AGVs, one VOC (methylene chloride) was detected in indoor air; however, the concentration of methylene chloride in indoor air did not exceed the AGV.

Sub-slab soil vapor and air sampling logs are included as Attachment B.

***Lot 17***

Soil Vapor Intrusion Monitoring Methodology

The same vapor intrusion monitoring methodology was used for both the December 2023 and August 2024 sampling events and was performed as follows:

- A product inventory was completed in the area of indoor sample locations before sampling to document petroleum-based products, solvents, chemicals, and other materials/products and volatile chemicals that may influence the sample results. Hand sanitizer, disinfectant sprays, and various household cleaning products were identified during both sampling events. Paints, sealants and solvents associated with the renovation work were identified during the August 2024 sampling event. The products were not removed from the area before sample collection. Copies of the NYSDOH indoor air quality and product inventory questionnaires are included in Attachment B.
- Six sub-slab vapor samples were collected from sub-slab vapor points C241175_SSV04 (SSV04) and C241175_SSPP01 through C241175_SSPP05 (SSPP01 – SSPP05). The indoor air samples were co-located with the sub-slab vapor samples and were collected at a height of about 3 feet above the ground to simulate the breathing zone. An ambient air sample was also collected from outside of the building on the northern sidewalk of 46$^{th}$ Road to evaluate potential outdoor air interferences. Outdoor air infiltration was minimized by closing exterior doors and windows in the building during sub-slab vapor and indoor air sampling. The heating, ventilation, and air condition (HVAC) system (central, forced air) was operational during the sampling event. The sub-slab, indoor air, and ambient air samples were collected into laboratory-supplied individually certified 6-L Summa® canisters calibrated for an 8-hour sampling period and analyzed for TO-15 VOCs.

## December 2023 Results

Differential Pressure Monitoring

Differential pressure readings were measured from the permanent sub-slab vapor points and the December 2023 sampling event results are summarized in the table below.

| Sample Location (C241175) | Differential Pressure Reading ($in H_2O$) |
|---|---|
| SSV04 | 0.002 |
| SSPP01 | 0.003 |
| SSPP02 | 0.005 |
| SSPP03 | 0.000 |
| SSPP04 | 0.002 |
| SSPP05 | 0.002 |

Differential pressure readings indicate that sub-slab air pressure is generally equal to or slightly higher than the indoor air pressure.

Sub-Slab Vapor and Indoor Air Sampling Results

The analytical results from the December 2023 sampling event were evaluated using the NYSDOH Decision Matrices and compared to the NYSDOH AGVs as set forth in the NYSDOH Guidance. Tabulated analytical results from the sampling event, compared to the NYSDOH AGVs and decision matrices are presented in Table 4. The laboratory analytical data reports are provided in Attachment D.

Of the 18 VOCs evaluated under the NYSDOH Decision Matrices, ten VOCs were detected in sub-slab vapor,14 VOCs were detected in indoor air, and five VOCs were detected in ambient air. The sub-slab vapor and/or indoor air concentrations of 1,1,1-trichloroethane, 1,1-dichloroethene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, carbon tetrachloride, cis-1,2-dichloroethene, cyclohexane, ethylbenzene, m,p-xylene, methylene chloride, n-heptane, n-hexane, o-xylene, tetrachloroethene (PCE), and toluene, resulted in a recommendation of "no further action" when evaluated using the NYSDOH decision matrices. The sub-slab vapor and indoor air concentration of TCE resulted in a recommendation to "monitor" when evaluated using NYSDOH Decision Matrix B. Of the three VOCs with NYSDOH AGVs, all three VOCs were detected in indoor air; however, the concentrations of the VOCs in indoor air did not exceed the AGVs.

Sub-slab soil vapor and indoor air sampling logs are included as Attachment B.

## August 2024 Results

Differential Pressure Monitoring

Differential pressure readings were measured from the permanent sub-slab vapor points and the August 2024 sampling event results are summarized in the table below.

| Sample Location (C241175) | Differential Pressure Reading ($inH_2O$) |
|---|---|
| SSV04 | 0.002 |
| SSPP01 | 0.003 |
| SSPP02 | 0.005 |
| SSPP03 | 0.000 |
| SSPP04 | 0.002 |
| SSPP05 | 0.002 |

Differential pressure readings indicate that sub-slab air pressure is equal to or slightly higher than indoor air pressure.

Sub-Slab Vapor and Indoor Air Sampling Results

The analytical results from the August 2024 non-heating season sampling event were evaluated using the NYSDOH Decision Matrices and compared to the NYSDOH AGVs and the recommended actions derived from the matrices are summarized in the table below. Tabulated analytical results from the sampling event, compared to the NYSDOH AGVs and decision matrices are presented in Table 5. The laboratory analytical data reports are provided in Attachment D.

Of the 18 VOCs evaluated under the NYSDOH Decision Matrices, 14 VOCs were detected in sub-slab vapor, 16 VOCs were detected in indoor air, and 13 VOCs were detected in ambient air. The sub-slab vapor and indoor air concentrations of 1,1-dichloroethene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, cis-1,2-dichloroethene, cyclohexane, ethylbenzene, m,p-xylene, methylene chloride, naphthalene, n-heptane, n-hexane, o-xylene, PCE, toluene, and vinyl chloride resulted in a recommendation of "no further action" when evaluated using NYSDOH Decision Matrices.

The indoor air concentration of carbon tetrachloride resulted in a recommendation to "Identify Source(s) and Resample or Mitigate" when evaluated using NYSDOH Decision Matrix A at SSPP01/IA01. The recommended action to identify source(s) and resample or mitigate arises from the elevated indoor air result, as the sub-slab concentration of carbon tetrachloride was below the NYSDOH Decision Matrix value of 6 $\mu g/m^3$. The carbon tetrachloride indoor air results at all locations are similar to the exterior ambient air result indicating that the contribution of carbon tetrachloride is likely from ambient air.

The sub-slab vapor and/or indoor air concentrations of TCE resulted in a recommendation to "mitigate" when evaluated using NYSDOH Decision Matrix A at the SSP03/IA03 and the SSV04/IA06 sample locations (sub-slab soil vapor and indoor air). TCE was not detected at IA03, but was detected at IA06. The indoor air concentration of TCE at IA06 was lower than the ambient air concentration of TCE. The two sampling locations were sampled at an area under interior

renovations; the current use at the SSPP03/IA03 and the SSV04/IA06 locations is an antiques re-seller.

The sub-slab vapor and/or indoor air concentrations of 1,1,1-trichloroethane resulted in a recommendation to "mitigate" when evaluated using NYSDOH Decision Matrix B at the SSP04/IA04 sample location. 1,1,1-trichloroethane was not detected in indoor air at IA04.

Of the three VOCs with NYSDOH AGVs, all three VOCs were detected in indoor air; however, the concentrations of the VOCs in indoor air did not exceed the AGVs. Sub-slab soil vapor and indoor air sampling logs are included as Attachment B.

## CONCLUSIONS

The findings and conclusions of the annual composite cover inspection and biannual vapor intrusion monitoring events are as follows:

- The composite covers on both Lots 4 and 17 are functioning as intended and have not materially changed since completion of the IRM in December 2020. As noted above, additional cracks were observed in the basement of Lot 4. The owner was notified and will make necessary repairs.
- An evaluation of the sub-slab soil vapor and indoor air data for Lot 4 using the NYSDOH decision matrices resulted in a recommendation of no further action for all parameters during both the December 2023 and August 2024 sampling events. This observation is consistent with previous sampling events.
- The results from Lot 17 are as follows:
    - An evaluation of the sub-slab soil vapor and/or indoor data for Lot 17 using the NYSDOH decision matrix resulted in a recommended action to monitor for TCE during the December 2023 sampling event, due to the indoor air result at IA06. The recommended action to "monitor" was based on the indoor air concentration only, as the sub-slab concentration of TCE was below the NYSDOH decision matrix value of 6 µg/$m^3$ .
    - An evaluation of the sub-slab soil vapor and/or indoor air data for Lot 17 using the NYSDOH decision matrix resulted in a recommendation to identify source(s) and resample or mitigate for carbon tetrachloride during the August 2024 sampling event. Carbon tetrachloride concentrations in indoor air were similar to the ambient air sample indicating a likely contribution from ambient air rather from soil vapor intrusion.
    - An evaluation of the sub-slab vapor and/or indoor air data for Lot 17 using the NYSDOH decision matrix for TCE during the August 2024 sampling event resulted in a recommendation to mitigate at the SSPP03 and SSV04 sample locations. TCE was not detected at IA03 (co-located with SSPP03), but was detected at IA06 (co-located with SSV04; however, TCE did not exceed the AGV at either location. This observation is consistent with previous sampling events.
    - An evaluation of the sub-slab soil vapor and/or indoor air data for Lot 17 using the NYSDOH decision matrix resulted in a recommendation to identify source(s) and resample or mitigate for 1,1,1-trichloroethane during the August 2024 sampling event at the SSPP04 sample location. 1,1,1-Trichloroethane was not detected in the co-located indoor air sample.
- Based on the differential pressure readings and sampling results, soil vapor intrusion appears to be mitigated by the ECs present at the site. In accordance with discussions with NYDEC and NYDOH, the biannual monitoring program should continue to monitor for soil vapor intrusion.

## LIST OF FIGURES


| | |
|---|---|
| Figure 1 | Site Location Map |
| Figure 2 | Site Plan |
| Figure 3 | Composite Cover and Sample Location Map – Lot 4 |
| Figure 4 | Composite Cover and Sample Location Map – Lot 17 |

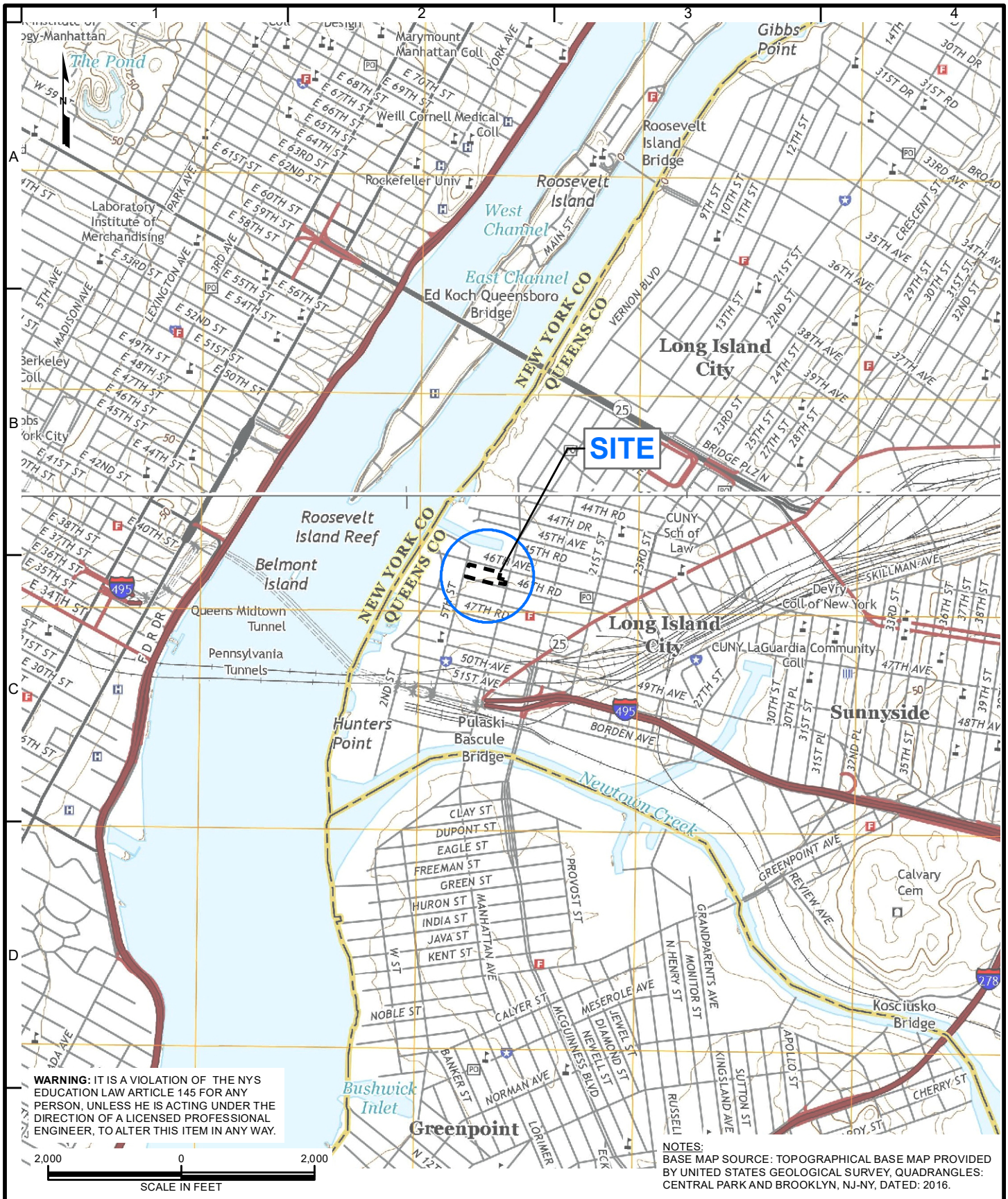

## LIST OF TABLES


| | |
|---|---|
| Table 1 | Sample Summary |
| Table 2 | December 2023 Sub-Slab/Indoor Air Sample Analytical Results – Lot 4 |
| Table 3 | August 2024 Sub-Slab/Indoor Air Sample Analytical Results – Lot 4 |
| Table 4 | December 2023 Sub-Slab/Indoor Air Sample Analytical Results – Lot 17 |
| Table 5 | August 2024 Sub-Slab/Indoor Air Sample Analytical Results – Lot 17 |


## LIST OF ATTACHMENTS


| | |
|---|---|
| Attachment A | Site Inspection Forms |
| Attachment B | Sub-Slab Vapor and Indoor Air Sampling Logs and NYSDOH Indoor Air Quality Questionnaires |
| Attachment C | Data Usability Summary Report |
| Attachment D | Laboratory Analytical Data Reports |
| Attachment E | Photographic Log |

# FIGURES

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NOTES:
BASE MAP SOURCE: TOPOGRAPHICAL BASE MAP PROVIDED BY UNITED STATES GEOLOGICAL SURVEY, QUADRANGLES: CENTRAL PARK AND BROOKLYN, NJ-NY, DATED: 2016.


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|---|---|
| Project | ABC - BLOCK 27 |
| | BLOCK No. 27, LOT No. 2, 4, 5, 15, 17, 23, 25 & 37 |
| | LONG ISLAND CITY |
| | QUEENS NEW YORK |
| Figure Title | SITE LOCATION MAP |
| Project No. | 170340204 |
| Date | 5/30/2019 |
| Scale | 1"=2,000' |
| Drawn By | MG |
| Figure No. | 1 |

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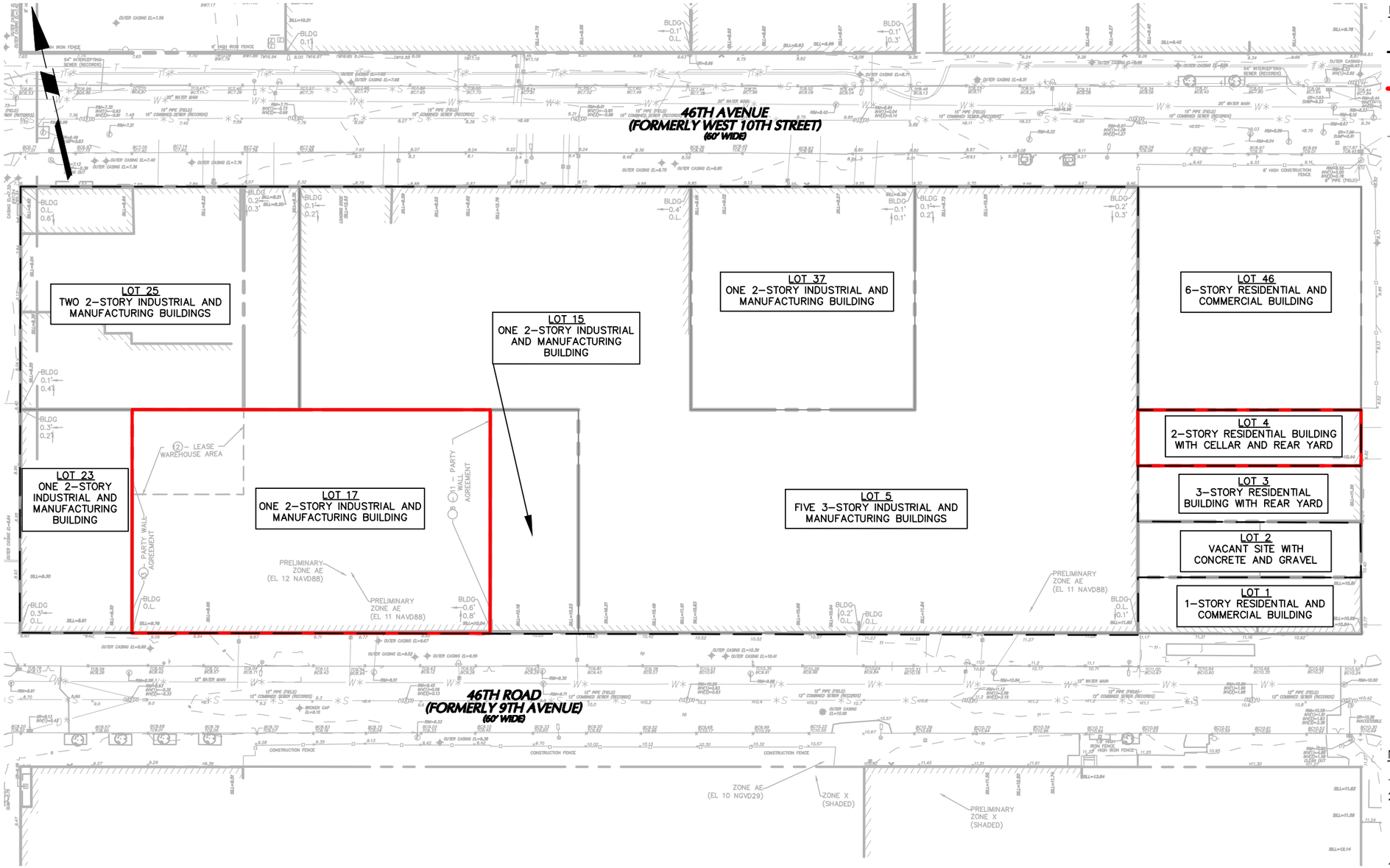
Path: \\langan.com\data\NY\data2\170340201\ArcGIS\ArcMap_Documents\Environmental\Block_27\IRMWP\Figure 1 - Site Location Map.mxd Date: 5/30/2019 User: mgeorgalas Time: 12:43:54 PM




LEGEND:

- APPROXIMATE BLOCK 27 BCP SITE BOUNDARY
- APPROXIMATE IRM BOUNDARY
- APPROXIMATE TAX LOT BOUNDARY

NOTES:

1. NORTH ARROW SHOWS TRUE NORTH.
2. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND WERE OBTAINED FROM GROUND SURVEYS BY LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE AND GEOLOGY, D.P.C. DURING OCTOBER OF 2016.
3. BASE MAP SOURCE: LANGAN SURVEY DRAWING NO. 170340201-V-EX0102.
4. BCP = BROWNFIELD CLEANUP PROGRAM
5. IRM = INTERIM REMEDIAL MEASURE

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| | |
|---|---|
| Project | ABC - BLOCK 27<br>BLOCK No. 27, LOT Nos. 2, 4, 5, 15, 17, 23, 25 & 37<br>LONG ISLAND CITY<br>QUEENS NEW YORK |
| Figure Title | SITE PLAN |
| Project No. | 170340204 |
| Date | 08/24/2021 |
| Drawn By | EMS |
| Checked By | WK |
| Figure No. | 2 |

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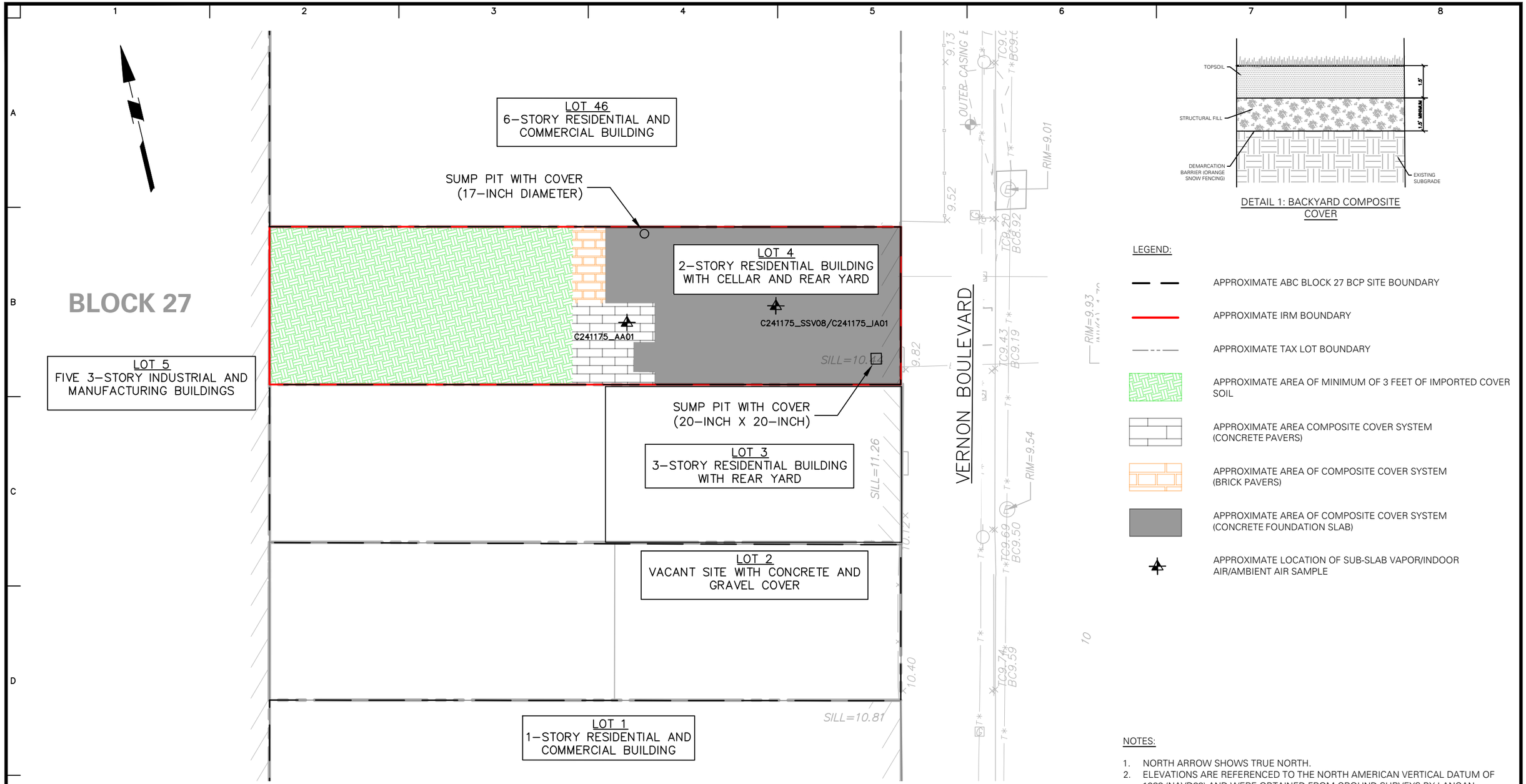
Filename: \\langan.com\data\NYC\data2\170340201\Cadd Data - 170340201\SheetFiles\Environmental_Block 27 - C241175\Biannual Report\Figure 2 - Site Plan.dwg Date: 8/24/2021 Time: 06:01 User: esmith Style Table: Langan.stb Layout: ANSIB-BL (2)







DETAIL 1: BACKYARD COMPOSITE COVER

LEGEND:

- APPROXIMATE ABC BLOCK 27 BCP SITE BOUNDARY
- APPROXIMATE IRM BOUNDARY
- APPROXIMATE TAX LOT BOUNDARY
- APPROXIMATE AREA OF MINIMUM OF 3 FEET OF IMPORTED COVER SOIL
- APPROXIMATE AREA COMPOSITE COVER SYSTEM (CONCRETE PAVERS)
- APPROXIMATE AREA OF COMPOSITE COVER SYSTEM (BRICK PAVERS)
- APPROXIMATE AREA OF COMPOSITE COVER SYSTEM (CONCRETE FOUNDATION SLAB)
- APPROXIMATE LOCATION OF SUB-SLAB VAPOR/INDOOR AIR/AMBIENT AIR SAMPLE

NOTES:

1. NORTH ARROW SHOWS TRUE NORTH.
2. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND WERE OBTAINED FROM GROUND SURVEYS BY LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE AND GEOLOGY, D.P.C. DURING OCTOBER OF 2016.
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|---|---|
| Project | ABC - BLOCK 27<br>BLOCK No. 27, LOT Nos. 2, 4, 5, 15, 17, 23, 25 & 37<br>LONG ISLAND CITY<br>QUEENS NEW YORK |
| Figure Title | COMPOSITE COVER AND SAMPLE LOCATION MAP LOT 4 |
| Project No. | 170340204 |
| Date | 08/24/2021 |
| Drawn By | EMS |
| Checked By | WK |
| Figure No. | 3 |

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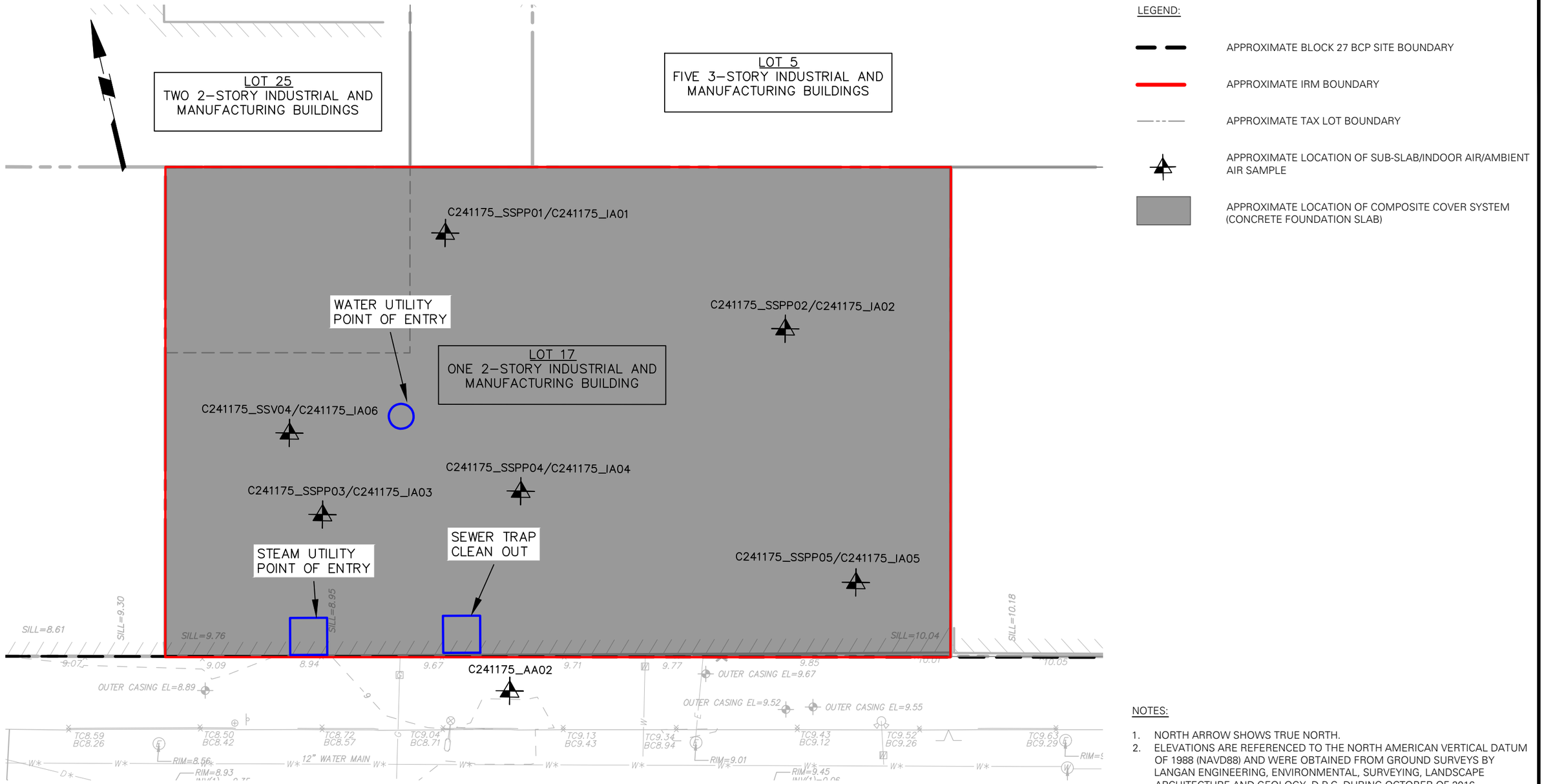
Filename: \\langan.com\data\NYC\data2\170340201\Cadd Data - 170340201\SheetFiles\Environmental_Block 27 - C241175\Biannual Report\Figure 3 - Composite Cover and Sample Location Map - Lot 4.dwg Date: 9/29/2021 Time: 12:38 User: esmith Style Table: Langan.stb Layout: ANSIB-BL




NOTES:

1. NORTH ARROW SHOWS TRUE NORTH.
2. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND WERE OBTAINED FROM GROUND SURVEYS BY LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE AND GEOLOGY, D.P.C. DURING OCTOBER OF 2016.
3. BASE MAP SOURCE: LANGAN SURVEY DRAWING NO. 170340201-V-EX0102.
4. BCP = BROWNFIELD CLEANUP PROGRAM
5. IRM = INTERIM REMEDIAL MEASURES

**WARNING:** IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

20 0 5 10 20
SCALE IN FEET

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| | |
|---|---|
| Project | ABC - BLOCK 27<br>BLOCK No. 27, LOT Nos. 2, 4, 5, 15, 17, 23, 25 & 37<br>LONG ISLAND CITY<br>QUEENS NEW YORK |
| Figure Title | COMPOSITE COVER AND SAMPLE LOCATION MAP LOT 17 |
| Project No. | 170340204 |
| Date | 08/24/2021 |
| Drawn By | EMS |
| Checked By | WK |
| Figure No. | 4 |

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# TABLES

**Table 1**
**2024 Biannual Soil Vapor Intrusion Monitoring Report - Lots 4 and 17**
**Sample Summary**

**ABC Block 27**
**Queens, New York**
**Langan Project No.: 170340204**

| Location | Sample Name | Sample Date | Laboratory Analytical Method |
|---|---|---|---|
| **Indoor Air Samples** | | | |
| SSPP01/IA01 | C241175_IA01_121423 | 12/14/2024 | USEPA TO-15 VOCs |
| | C241175_IA01_080624 | 8/6/2024 | |
| SSPP02/IA02 | C241175_IA02_121423 | 12/14/2024 | |
| | C241175_IA02_080624 | 8/6/2024 | |
| SSPP03/IA03 | C241175_IA03_121423 | 12/14/2024 | |
| | C241175_IA03_080624 | 8/6/2024 | |
| SSPP04/IA04 | C241175_IA04_121423 | 12/14/2024 | |
| | C241175_IA04_080624 | 8/6/2024 | |
| SSPP05_IA05 | C241175_IA05_121423 | 12/14/2024 | |
| | C241175_IA05_080624 | 8/6/2024 | |
| SSV04/IA06 | C241175_IA06_121423 | 12/14/2024 | |
| | C241175_IA06_080624 | 8/6/2024 | |
| SSV08/IA01 | C241175_IA01_121523 | 12/15/2024 | |
| | C241175_IA01_080724 | 8/7/2024 | |
| **Ambient Air Samples** | | | |
| C241175/AA01 | C241175_AA01_121523 | 12/15/2024 | USEPA TO-15 VOCs |
| | C241175_AA01_080724 | 8/7/2024 | |
| C241175/AA02 | C241175_AA02_121423 | 12/14/2024 | |
| | C241175_AA02_080624 | 8/6/2024 | |
| **Sub-Slab Samples** | | | |
| SSPP01/IA01 | C241175_SSPP01_121423 | 12/14/2024 | USEPA TO-15 VOCs |
| | C241175_SSPP01_080624 | 8/6/2024 | |
| SSPP02/IA02 | C241175_SSPP02_121423 | 12/14/2024 | |
| | C241175_SSPP02_080624 | 8/6/2024 | |
| SSPP03/IA03 | C241175_SSPP03_121423 | 12/14/2024 | |
| | C241175_SSPP03_080624 | 8/6/2024 | |
| SSPP04/IA04 | C241175_SSPP04_121423 | 12/14/2024 | |
| | C241175_SSPP04_080624 | 8/6/2024 | |
| SSPP05_IA05 | C241175_SSPP05_121423 | 12/14/2024 | |
| | C241175_SSPP05_080624 | 8/6/2024 | |
| SSV04/IA06 | C241175_SSV04_121423 | 12/14/2024 | |
| | C241175_SSV04_080624 | 8/6/2024 | |
| SSV08/IA01 | C241175_SSV08_121523 | 12/15/2024 | |
| | C241175_SSV08_080724 | 8/7/2024 | |

**Table 2**
**2024 Biannual Soil Vapor Intrusion Monitoring Report**
**December 2023 Sub-Slab/Indoor Air Sample Analytical Results - Lot 4**

**ABC Block 27**
**Long Island City, New York**
**NYSDEC BCP Site No.: C241175**
**Langan Project No.: 170340204**

| Analyte | CAS Number | NYSDOH AGVs | Location | C241175_AA01 | C241175_SSV08_IA01 | |
|---|---|---|---|---|---|---|
| | | | Sample Name | C241175_AA01_121523 | C241175_IA01_121523 | C241175_SSV08_121523 |
| | | | Sample Date | 12/15/2023 | 12/15/2023 | 12/15/2023 |
| | | | Sample Type | AA | IA | SSV |
| | | | Unit | Result | Result | Result |
| **Volatile Organic Compounds** | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | NS | ug/m3 | <0.619 U | <0.586 U | <1.1 U |
| 1,1,1-Trichloroethane | 71-55-6 | NS | ug/m3 | <0.492 U | <0.465 U | <0.878 U |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | NS | ug/m3 | <0.619 U | <0.586 U | <1.1 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | NS | ug/m3 | 0.691 D | <0.654 U | <1.23 U |
| 1,1,2-Trichloroethane | 79-00-5 | NS | ug/m3 | <0.492 U | <0.465 U | <0.878 U |
| 1,1-Dichloroethane | 75-34-3 | NS | ug/m3 | <0.365 U | <0.345 U | <0.651 U |
| 1,1-Dichloroethene | 75-35-4 | NS | ug/m3 | <0.179 U | <0.169 U | <0.319 U |
| 1,2,4-Trichlorobenzene | 120-82-1 | NS | ug/m3 | <0.669 U | <0.633 UJ | <1.19 U |
| 1,2,4-Trimethylbenzene | 95-63-6 | NS | ug/m3 | 0.443 D | <0.419 U | <0.791 U |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | NS | ug/m3 | <0.692 U | <0.655 U | <1.24 U |
| 1,2-Dichlorobenzene | 95-50-1 | NS | ug/m3 | <0.542 U | <0.513 U | <0.967 U |
| 1,2-Dichloroethane | 107-06-2 | NS | ug/m3 | <0.365 U | <0.345 U | <0.651 U |
| 1,2-Dichloropropane | 78-87-5 | NS | ug/m3 | <0.416 U | <0.394 U | <0.743 U |
| 1,2-Dichlorotetrafluoroethane | 76-14-2 | NS | ug/m3 | <0.63 U | <0.596 UJ | <1.12 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | NS | ug/m3 | <0.443 U | <0.419 U | <0.791 U |
| 1,3-Butadiene | 106-99-0 | NS | ug/m3 | <0.598 U | <0.566 UJ | <1.07 U |
| 1,3-Dichlorobenzene | 541-73-1 | NS | ug/m3 | <0.542 U | <0.513 U | <0.967 U |
| 1,3-Dichloropropane | 142-28-9 | NS | ug/m3 | <0.416 U | <0.394 U | <0.744 U |
| 1,4-Dichlorobenzene | 106-46-7 | NS | ug/m3 | <0.542 U | <0.513 U | <0.967 U |
| 1,4-Dioxane (P-Dioxane) | 123-91-1 | NS | ug/m3 | <0.649 U | <0.615 U | <1.16 U |
| 2-Hexanone (MBK) | 591-78-6 | NS | ug/m3 | <0.738 U | <0.699 U | <1.32 U |
| 4-Ethyltoluene | 622-96-8 | NS | ug/m3 | <0.443 U | <0.419 U | <0.791 U |
| Acetone | 67-64-1 | NS | ug/m3 | 5.84 D | 6.06 D | 3.94 D |
| Acrylonitrile | 107-13-1 | NS | ug/m3 | 0.430 D | <0.185 U | <0.349 U |
| Allyl Chloride (3-Chloropropene) | 107-05-1 | NS | ug/m3 | <1.41 U | <1.33 U | <2.52 U |
| Benzene | 71-43-2 | NS | ug/m3 | 1.01 D | 0.736 D | <0.514 U |
| Benzyl Chloride | 100-44-7 | NS | ug/m3 | <0.466 U | <0.442 U | <0.833 U |
| Bromodichloromethane | 75-27-4 | NS | ug/m3 | <0.604 U | <0.571 U | <1.08 U |
| Bromoethene | 593-60-2 | NS | ug/m3 | <0.394 U | <0.373 U | <0.704 U |
| Bromoform | 75-25-2 | NS | ug/m3 | <0.931 U | <0.882 U | <1.66 U |
| Bromomethane | 74-83-9 | NS | ug/m3 | <0.35 U | <0.331 U | <0.625 U |
| Carbon Disulfide | 75-15-0 | NS | ug/m3 | <0.281 U | <0.266 U | <0.501 U |
| Carbon Tetrachloride | 56-23-5 | NS | ug/m3 | 0.567 D | 0.429 D | 0.405 D |
| Chlorobenzene | 108-90-7 | NS | ug/m3 | <0.415 U | <0.393 U | <0.741 U |
| Chloroethane | 75-00-3 | NS | ug/m3 | <0.238 U | <0.225 U | <0.425 U |
| Chloroform | 67-66-3 | NS | ug/m3 | <0.44 U | <0.416 U | 1.65 D |
| Chloromethane | 74-87-3 | NS | ug/m3 | 1.53 D | 0.793 J | <0.332 U |
| Cis-1,2-Dichloroethene | 156-59-2 | NS | ug/m3 | <0.179 U | <0.169 U | 10.4 D |
| Cis-1,3-Dichloropropene | 10061-01-5 | NS | ug/m3 | <0.409 U | <0.387 U | <0.73 U |
| Cyclohexane | 110-82-7 | NS | ug/m3 | <0.31 U | <0.294 U | <0.554 U |
| Dibromochloromethane | 124-48-1 | NS | ug/m3 | <0.768 U | <0.727 U | <1.37 U |
| Dichlorodifluoromethane | 75-71-8 | NS | ug/m3 | 2.90 D | 2.19 D | 2.78 D |
| Ethyl Acetate | 141-78-6 | NS | ug/m3 | <0.649 U | <0.615 U | <1.16 U |
| Ethylbenzene | 100-41-4 | NS | ug/m3 | <0.391 U | <0.37 U | <0.699 U |
| Hexachlorobutadiene | 87-68-3 | NS | ug/m3 | <0.961 U | <0.91 UJ | <1.72 U |
| Isopropanol | 67-63-0 | NS | ug/m3 | 4.89 D | 8.55 BD | 2.29 D |
| M,P-Xylene | 179601-23-1 | NS | ug/m3 | 1.02 D | 0.926 D | 2.17 D |
| Methyl Ethyl Ketone (2-Butanone) | 78-93-3 | NS | ug/m3 | 0.824 D | 0.629 D | 0.475 D |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | 108-10-1 | NS | ug/m3 | <0.369 U | <0.349 U | <0.659 U |
| Methyl Methacrylate | 80-62-6 | NS | ug/m3 | <0.369 U | <0.349 U | <0.659 U |
| Methylene Chloride | 75-09-2 | 60 | ug/m3 | 1.28 D | 0.978 D | <1.12 U |
| n-Heptane | 142-82-5 | NS | ug/m3 | <0.369 U | <0.35 U | <0.659 U |
| n-Hexane | 110-54-3 | NS | ug/m3 | 0.667 D | 0.481 D | <0.567 U |
| o-Xylene (1,2-Dimethylbenzene) | 95-47-6 | NS | ug/m3 | <0.391 U | <0.37 U | <0.699 U |
| Propylene | 115-07-1 | NS | ug/m3 | 1.60 D | <0.147 U | <0.277 U |
| Styrene | 100-42-5 | NS | ug/m3 | <0.384 U | <0.363 U | <0.685 U |
| Tert-Butyl Methyl Ether | 1634-04-4 | NS | ug/m3 | <0.325 U | <0.308 U | <0.58 U |
| Tetrachloroethene (PCE) | 127-18-4 | 30 | ug/m3 | <0.611 U | <0.579 U | <1.09 U |
| Tetrahydrofuran | 109-99-9 | NS | ug/m3 | <0.531 U | <0.503 U | <0.949 U |
| Toluene | 108-88-3 | NS | ug/m3 | 1.39 D | 1.25 D | 1.70 D |
| Trans-1,2-Dichloroethene | 156-60-5 | NS | ug/m3 | <0.357 U | <0.338 U | <0.638 U |
| Trans-1,3-Dichloropropene | 10061-02-6 | NS | ug/m3 | <0.409 U | <0.387 U | <0.73 U |
| Trichloroethene (TCE) | 79-01-6 | 2 | ug/m3 | <0.121 U | 0.138 D | 24.3 D |
| Trichlorofluoromethane | 75-69-4 | NS | ug/m3 | 1.57 D | 1.20 D | 1.36 D |
| Vinyl Acetate | 108-05-4 | NS | ug/m3 | <0.317 U | <0.3 U | <0.567 U |
| Vinyl Chloride | 75-01-4 | NS | ug/m3 | <0.115 U | <0.109 UJ | <0.206 U |

**Table 2**
**2024 Biannual Soil Vapor Intrusion Monitoring Report**
**December 2023 Sub-Slab/Indoor Air Sample Analytical Results - Lot 4**

**ABC Block 27**
**Long Island City, New York**
**NYSDEC BCP Site No.: C241175**
**Langan Project No.: 170340204**

**Notes:**

AA - Ambient Air
IA - Indoor Air
SSV - Sub-slab Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Indoor air sample analytical results are compared to the New York State Department of Health (NYSDOH) Air Guideline Values (AGVs) as set forth in the NYSDOH October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York and subsequent updates (2013, 2015, 2017).
Ambient air sample analytical results are shown for reference only.

**Qualifiers:**

D - The concentration reported is a result of a diluted sample.
B - The analyte was found in the associated analysis batch blank.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

**Exceedance Summary:**

**10** - Result exceeds NYSDOH AGVs

**Table 2**
**2024 Biannual Soil Vapor Intrusion Monitoring Report**
**December 2023 Sub-Slab/Indoor Air Sample Analytical Results - Lot 4**

**ABC Block 27**
**Long Island City, New York**
**NYSDEC BCP Site No.: C241175**
**Langan Project No.: 170340204**

| Analyte | CAS Number | NYSDOH Decision Matrix (IA) | | NYSDOH Decision Matrix (SSV) | | Location | C241175_AA01 | C241175_SSV08_IA01 | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sample Name | C241175_AA01_121523 | C241175_IA01_121523 | C241175_SSV08_121523 |
| | | | | | | Sample Date | 12/15/2023 | 12/15/2023 | 12/15/2023 |
| | | | | | | Sample Type | AA | IA | SSV |
| | | | | | | Unit | Result | Result | Result |
| **Volatile Organic Compounds** | | | | | | | | | |
| 1,1,1-Trichloroethane | 71-55-6 | 3 | 10 | 100 | 1000 | ug/m3 | <0.492 | <0.465 | <0.878 |
| 1,1-Dichloroethene | 75-35-4 | 0.2 | 1 | 6 | 60 | ug/m3 | <0.179 | <0.169 | <0.319 |
| 1,2,4-Trimethylbenzene | 95-63-6 | 2 | 10 | 60 | 600 | ug/m3 | 0.443 | <0.419 | <0.791 |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | 2 | 10 | 60 | 600 | ug/m3 | <0.443 | <0.419 | <0.791 |
| Benzene | 71-43-2 | 2 | 10 | 60 | 600 | ug/m3 | 1.01 | 0.736 | <0.514 |
| Carbon Tetrachloride | 56-23-5 | 0.2 | 1 | 6 | 60 | ug/m3 | 0.567 | 0.429 | 0.405 |
| Cis-1,2-Dichloroethene | 156-59-2 | 0.2 | 1 | 6 | 60 | ug/m3 | <0.179 | <0.169 | 10.4 |
| Cyclohexane | 110-82-7 | 2 | 10 | 60 | 600 | ug/m3 | <0.31 | <0.294 | <0.554 |
| Ethylbenzene | 100-41-4 | 2 | 10 | 60 | 600 | ug/m3 | <0.391 | <0.37 | <0.699 |
| M,P-Xylene | 179601-23-1 | 6 | 20 | 200 | 2000 | ug/m3 | 1.02 | 0.926 | 2.17 |
| Methylene Chloride | 75-09-2 | 3 | 10 | 100 | 1000 | ug/m3 | 1.28 | 0.978 | <1.12 |
| n-Heptane | 142-82-5 | 6 | 20 | 200 | 2000 | ug/m3 | <0.369 | <0.35 | <0.659 |
| n-Hexane | 110-54-3 | 6 | 20 | 200 | 2000 | ug/m3 | 0.667 | 0.481 | <0.567 |
| o-Xylene (1,2-Dimethylbenzene) | 95-47-6 | 2 | 10 | 60 | 600 | ug/m3 | <0.391 | <0.37 | <0.699 |
| Tetrachloroethene (PCE) | 127-18-4 | 3 | 10 | 100 | 1000 | ug/m3 | <0.611 | <0.579 | <1.09 |
| Toluene | 108-88-3 | 10 | 50 | 300 | 3000 | ug/m3 | 1.39 | 1.25 | 1.7 |
| Trichloroethene (TCE) | 79-01-6 | 0.2 | 1 | 6 | 60 | ug/m3 | <0.121 | 0.138 | 24.3 |
| Vinyl Chloride | 75-01-4 | 0 | 0.2 | 6 | 60 | ug/m3 | <0.115 | <0.109 | <0.206 |

**Notes:**
AA - Ambient Air
IA - Indoor Air
SSV - Sub-slab Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Co-located sub-slab vapor and indoor air sample analytical results are evaluated using the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York Decision Matrices for Sub-Slab Vapor and Indoor Air and subsequent updates (2017).

Ambient air sample analytical results are shown for reference only.

**Exceedance Summary:**

**10** - Result exceeds the minimum threshold for which monitoring is recommended
10 - Result exceeds the minimum threshold for which mitigation is recommended
10 - Result exceeds the minimum threshold for which identification of source(s) and resampling or mitigation is recommended

**Table 3**
**2024 Biannual Soil Vapor Intrusion Monitoring Report**
**August 2024 Sub-Slab/Indoor Air Sample Analytical Results - Lot 4**

**ABC Block 27**
**Long Island City, New York**
**NYSDEC BCP Site No.: C241175**
**Langan Project No.: 170340204**

| Analyte | CAS Number | NYSDOH AGVs | Location | C241175_AA01 | C241175_SSV08_IA01 | |
|---|---|---|---|---|---|---|
| | | | Sample Name | C241175_AA01_080724 | C241175_IA01_080724 | C241175_SSV08_080724 |
| | | | Sample Date | 08/07/2024 | 08/07/2024 | 08/07/2024 |
| | | | Sample Type | AA | IA | SSV |
| | | | Unit | Result | Result | Result |
| **Volatile Organic Compounds** | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | NS | ug/m3 | <0.641 U | <0.632 U | <1.63 UJ |
| 1,1,1-Trichloroethane | 71-55-6 | NS | ug/m3 | <0.51 U | <0.502 U | 1.95 J |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | NS | ug/m3 | <0.641 U | <0.632 U | <1.63 UJ |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | NS | ug/m3 | <0.716 U | <0.705 U | <1.82 UJ |
| 1,1,2-Trichloroethane | 79-00-5 | NS | ug/m3 | <0.51 U | <0.502 U | <1.3 UJ |
| 1,1-Dichloroethane | 75-34-3 | NS | ug/m3 | <0.378 U | <0.372 U | <0.962 UJ |
| 1,1-Dichloroethene | 75-35-4 | NS | ug/m3 | <0.185 U | <0.182 U | <0.471 UJ |
| 1,2,4-Trichlorobenzene | 120-82-1 | NS | ug/m3 | <0.693 U | <0.683 U | <1.76 UJ |
| 1,2,4-Trimethylbenzene | 95-63-6 | NS | ug/m3 | 0.781 D | 0.588 D | 5.96 J |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | NS | ug/m3 | <0.718 U | <0.707 U | <1.83 UJ |
| 1,2-Dichlorobenzene | 95-50-1 | NS | ug/m3 | <0.562 U | <0.553 U | <1.43 UJ |
| 1,2-Dichloroethane | 107-06-2 | NS | ug/m3 | <0.378 U | <0.372 U | <0.962 UJ |
| 1,2-Dichloropropane | 78-87-5 | NS | ug/m3 | <0.432 U | <0.425 U | <1.1 UJ |
| 1,2-Dichlorotetrafluoroethane | 76-14-2 | NS | ug/m3 | <0.653 U | <0.643 U | <1.66 UJ |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | NS | ug/m3 | <0.459 U | <0.452 U | 1.75 J |
| 1,3-Butadiene | 106-99-0 | NS | ug/m3 | <0.62 U | <0.611 U | <1.58 UJ |
| 1,3-Dichlorobenzene | 541-73-1 | NS | ug/m3 | <0.562 U | <0.553 U | <1.43 UJ |
| 1,3-Dichloropropane | 142-28-9 | NS | ug/m3 | <0.432 U | <0.425 U | <1.1 UJ |
| 1,4-Dichlorobenzene | 106-46-7 | NS | ug/m3 | <0.562 U | <0.553 U | <1.43 UJ |
| 1,4-Dioxane (P-Dioxane) | 123-91-1 | NS | ug/m3 | <0.673 U | <0.663 U | <1.71 UJ |
| 2-Hexanone (MBK) | 591-78-6 | NS | ug/m3 | <0.765 U | <0.754 U | <1.95 UJ |
| 4-Ethyltoluene | 622-96-8 | NS | ug/m3 | 0.597 D | 0.498 D | 3.97 J |
| Acetone | 67-64-1 | NS | ug/m3 | 97.0 D | 146 D | 191 J |
| Acrylonitrile | 107-13-1 | NS | ug/m3 | <0.203 U | 2.91 D | <0.516 UJ |
| Allyl Chloride (3-Chloropropene) | 107-05-1 | NS | ug/m3 | <1.46 U | <1.44 U | <3.72 UJ |
| Benzene | 71-43-2 | NS | ug/m3 | 0.627 D | 0.676 D | <0.76 UJ |
| Benzyl Chloride | 100-44-7 | NS | ug/m3 | <0.484 U | <0.476 U | <1.23 UJ |
| Bromodichloromethane | 75-27-4 | NS | ug/m3 | <0.626 U | <0.616 U | <1.59 UJ |
| Bromoethene | 593-60-2 | NS | ug/m3 | <0.409 U | <0.402 U | <1.04 UJ |
| Bromoform | 75-25-2 | NS | ug/m3 | <0.965 U | <0.951 U | <2.46 UJ |
| Bromomethane | 74-83-9 | NS | ug/m3 | <0.363 U | <0.357 U | <0.923 UJ |
| Carbon Disulfide | 75-15-0 | NS | ug/m3 | <0.291 U | <0.286 U | <0.741 UJ |
| Carbon Tetrachloride | 56-23-5 | NS | ug/m3 | 0.588 J | 0.637 J | 0.748 J |
| Chlorobenzene | 108-90-7 | NS | ug/m3 | <0.43 U | <0.424 U | <1.09 UJ |
| Chloroethane | 75-00-3 | NS | ug/m3 | <0.246 U | <0.243 U | <0.627 UJ |
| Chloroform | 67-66-3 | NS | ug/m3 | <0.456 U | <0.449 U | 4.41 J |
| Chloromethane | 74-87-3 | NS | ug/m3 | 1.10 D | 1.06 D | <0.491 UJ |
| Cis-1,2-Dichloroethene | 156-59-2 | NS | ug/m3 | <0.185 U | <0.182 U | 24.4 J |
| Cis-1,3-Dichloropropene | 10061-01-5 | NS | ug/m3 | <0.424 U | <0.418 U | <1.08 UJ |
| Cyclohexane | 110-82-7 | NS | ug/m3 | <0.321 U | <0.317 U | <0.819 UJ |
| Dibromochloromethane | 124-48-1 | NS | ug/m3 | <0.796 U | <0.784 U | <2.03 UJ |
| Dichlorodifluoromethane | 75-71-8 | NS | ug/m3 | 3.28 J | 3.05 J | 3.18 J |
| Ethyl Acetate | 141-78-6 | NS | ug/m3 | 0.707 D | 0.696 D | <1.71 UJ |
| Ethylbenzene | 100-41-4 | NS | ug/m3 | 0.608 D | 0.559 D | 1.34 J |
| Hexachlorobutadiene | 87-68-3 | NS | ug/m3 | <0.996 U | <0.981 U | <2.54 UJ |
| Isopropanol | 67-63-0 | NS | ug/m3 | 6.80 D | 7.37 D | 2.22 J |
| M,P-Xylene | 179601-23-1 | NS | ug/m3 | 2.19 D | 2.04 D | 4.54 J |
| Methyl Ethyl Ketone (2-Butanone) | 78-93-3 | NS | ug/m3 | 2.12 D | 2.36 D | 4.49 J |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | 108-10-1 | NS | ug/m3 | <0.383 U | <0.377 U | 1.17 J |
| Methyl Methacrylate | 80-62-6 | NS | ug/m3 | 0.382 D | <0.377 U | <0.974 UJ |
| Methylene Chloride | 75-09-2 | 60 | ug/m3 | 1.10 D | 1.05 D | <1.65 UJ |
| Naphthalene | 91-20-3 | NS | ug/m3 | 3.08 J | 2.94 J | 5.86 J |
| n-Heptane | 142-82-5 | NS | ug/m3 | 0.574 D | 0.566 D | 1.17 J |
| n-Hexane | 110-54-3 | NS | ug/m3 | 0.691 D | 0.681 D | 0.838 J |
| o-Xylene (1,2-Dimethylbenzene) | 95-47-6 | NS | ug/m3 | 0.811 D | 0.719 D | 1.86 J |
| Propylene | 115-07-1 | NS | ug/m3 | 0.643 D | <0.158 U | 0.532 J |
| Styrene | 100-42-5 | NS | ug/m3 | <0.398 U | <0.392 U | 16.1 J |
| Tert-Butyl Methyl Ether | 1634-04-4 | NS | ug/m3 | <0.337 U | <0.332 U | <0.857 UJ |
| Tetrachloroethene (PCE) | 127-18-4 | 30 | ug/m3 | <0.633 U | <0.624 U | <1.61 UJ |
| Tetrahydrofuran | 109-99-9 | NS | ug/m3 | <0.551 U | <0.543 U | <1.4 UJ |
| Toluene | 108-88-3 | NS | ug/m3 | 2.60 D | 2.67 D | 5.38 J |
| Trans-1,2-Dichloroethene | 156-60-5 | NS | ug/m3 | <0.37 U | <0.365 U | <0.943 UJ |
| Trans-1,3-Dichloropropene | 10061-02-6 | NS | ug/m3 | <0.424 U | <0.418 U | <1.08 UJ |
| Trichloroethene (TCE) | 79-01-6 | 2 | ug/m3 | 0.301 D | <0.124 U | 39.6 J |
| Trichlorofluoromethane | 75-69-4 | NS | ug/m3 | 1.63 J | 1.60 J | 2.27 J |
| Vinyl Acetate | 108-05-4 | NS | ug/m3 | <0.329 U | <0.324 U | <0.837 UJ |
| Vinyl Chloride | 75-01-4 | NS | ug/m3 | <0.119 U | <0.118 U | <0.304 UJ |

**Table 3**
**2024 Biannual Soil Vapor Intrusion Monitoring Report**
**August 2024 Sub-Slab/Indoor Air Sample Analytical Results - Lot 4**

**ABC Block 27**
**Long Island City, New York**
**NYSDEC BCP Site No.: C241175**
**Langan Project No.: 170340204**

**Notes:**

AA - Ambient Air
IA - Indoor Air
SSV - Sub-slab Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Indoor air sample analytical results are compared to the New York State Department of Health (NYSDOH) Air Guideline Values (AGVs) as set forth in the NYSDOH October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York and subsequent updates (2013, 2015, 2017).
Ambient air sample analytical results are shown for reference only.

**Qualifiers:**

D - The concentration reported is a result of a diluted sample.
B - The analyte was found in the associated analysis batch blank.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

**Exceedance Summary:**

**10** - Result exceeds NYSDOH AGVs

**Table 3**
**2024 Biannual Soil Vapor Intrusion Monitoring Report**
**August 2024 Sub-Slab/Indoor Air Sample Analytical Results - Lot 4**

**ABC Block 27**
**Long Island City, New York**
**NYSDEC BCP Site No.: C241175**
**Langan Project No.: 170340204**

| Analyte | CAS Number | NYSDOH Decision Matrix (IA) | | NYSDOH Decision Matrix (SSV) | | Location | C241175_AA01 | C241175_SSV08_IA01 | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sample Name | C241175_AA01_080724 | C241175_IA01_080724 | C241175_SSV08_080724 |
| | | | | | | Sample Date | 08/07/2024 | 08/07/2024 | 08/07/2024 |
| | | | | | | Sample Type | AA | IA | SSV |
| | | | | | | Unit | Result | Result | Result |
| **Volatile Organic Compounds** | | | | | | | | | |
| 1,1,1-Trichloroethane | 71-55-6 | 3 | 10 | 100 | 1000 | ug/m3 | <0.51 | <0.502 | 1.95 |
| 1,1-Dichloroethene | 75-35-4 | 0.2 | 1 | 6 | 60 | ug/m3 | <0.185 | <0.182 | <0.471 |
| 1,2,4-Trimethylbenzene | 95-63-6 | 2 | 10 | 60 | 600 | ug/m3 | 0.781 | 0.588 | 5.96 |
| 1,3,5-Trimethylbenzene (Mesityler | 108-67-8 | 2 | 10 | 60 | 600 | ug/m3 | <0.459 | <0.452 | 1.75 |
| Benzene | 71-43-2 | 2 | 10 | 60 | 600 | ug/m3 | 0.627 | 0.676 | <0.76 |
| Carbon Tetrachloride | 56-23-5 | 0.2 | 1 | 6 | 60 | ug/m3 | 0.588 | 0.637 | 0.748 |
| Cis-1,2-Dichloroethene | 156-59-2 | 0.2 | 1 | 6 | 60 | ug/m3 | <0.185 | <0.182 | 24.4 |
| Cyclohexane | 110-82-7 | 2 | 10 | 60 | 600 | ug/m3 | <0.321 | <0.317 | <0.819 |
| Ethylbenzene | 100-41-4 | 2 | 10 | 60 | 600 | ug/m3 | 0.608 | 0.559 | 1.34 |
| M,P-Xylene | 179601-23-1 | 6 | 20 | 200 | 2000 | ug/m3 | 2.19 | 2.04 | 4.54 |
| Methylene Chloride | 75-09-2 | 3 | 10 | 100 | 1000 | ug/m3 | 1.1 | 1.05 | <1.65 |
| Naphthalene | 91-20-3 | 2 | 10 | 60 | 600 | ug/m3 | 3.08 | 2.94 | 5.86 |
| n-Heptane | 142-82-5 | 6 | 20 | 200 | 2000 | ug/m3 | 0.574 | 0.566 | 1.17 |
| n-Hexane | 110-54-3 | 6 | 20 | 200 | 2000 | ug/m3 | 0.691 | 0.681 | 0.838 |
| o-Xylene (1,2-Dimethylbenzene) | 95-47-6 | 2 | 10 | 60 | 600 | ug/m3 | 0.811 | 0.719 | 1.86 |
| Tetrachloroethene (PCE) | 127-18-4 | 3 | 10 | 100 | 1000 | ug/m3 | <0.633 | <0.624 | <1.61 |
| Toluene | 108-88-3 | 10 | 50 | 300 | 3000 | ug/m3 | 2.6 | 2.67 | 5.38 |
| Trichloroethene (TCE) | 79-01-6 | 0.2 | 1 | 6 | 60 | ug/m3 | 0.301 | <0.124 | 39.6 |
| Vinyl Chloride | 75-01-4 | 0 | 0.2 | 6 | 60 | ug/m3 | <0.119 | <0.118 | <0.304 |

**Notes:**
AA - Ambient Air
IA - Indoor Air
SSV - Sub-slab Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Co-located sub-slab vapor and indoor air sample analytical results are evaluated using the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating
Ambient air sample analytical results are shown for reference only.

**Qualifiers:**
D - The concentration reported is a result of a diluted sample.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the reporting limit (RL); however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank

**Exceedance Summary:**
- Result exceeds the minimum threshold for which monitoring is recommended
- Result exceeds the minimum threshold for which mitigation is recommended
- Result exceeds the minimum threshold for which identification of source(s) and resampling or mitigation is recommended

**Table 3**
**2024 Biannual Soil Vapor Intrusion Monitoring Report**
**December 2023 Sub-Slab/Indoor Air Sample Analytical Results - Lot 17**

**ABC Block 27**
**Long Island City, New York**
**NYSDEC BCP Site No.: C241175**
**Langan Project No.: 170340204**

| Analyte | CAS Number | NYSDOH AGVs | Location | C241175_AA02 | C241175_SSPP01_IA01 | | C241175_SSPP02_IA02 | | C241175_SSPP03_IA03 | | C241175_SSPP04_IA04 | | C241175_SSPP05_IA05 | | C241175_SSV04_IA06 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Name | C241175_AA02_121423 | C241175_IA01_121423 | C241175_SSPP01_121423 | C241175_IA02_121423 | C241175_SSPP02_121423 | C241175_IA03_121423 | C241175_SSPP03_121423 | C241175_IA04_121423 | C241175_SSPP04_121423 | C241175_IA05_121423 | C241175_SSPP05_121423 | C241175_IA06_121423 | C241175_SSV04_121423 |
| | | | Sample Date | 12/14/2023 | 12/14/2023 | 12/14/2023 | 12/14/2023 | 12/14/2023 | 12/14/2023 | 12/14/2023 | 12/14/2023 | 12/14/2023 | 12/14/2023 | 12/14/2023 | 12/14/2023 | 12/14/2023 |
| | | | Sample Type | AA | IA | SSV | IA | SSV | IA | SSV | IA | SSV | IA | SSV | IA | SSV |
| | | | Unit | Result | Result | Result | Result | Result | Result | Result | Result | Result | Result | Result | Result | Result |
| **Volatile Organic Compounds** | | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | NS | ug/m3 | <0.574 U | <0.62 U | <1.15 U | <0.557 UJ | <2.23 U | <0.662 UJ | <1.16 U | <0.7 U | <5.43 U | <0.58 U | <1.05 U | <0.59 U | <2.28 U |
| 1,1,1-Trichloroethane | 71-55-6 | NS | ug/m3 | <0.456 U | 0.591 D | 168 D | 0.576 J | 343 D | 0.737 J | <0.919 U | 0.724 D | 850 D | <0.461 U | 4.52 D | 0.563 D | 82.5 D |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | NS | ug/m3 | <0.574 U | <0.62 U | <1.15 U | <0.557 UJ | <2.23 U | <0.662 UJ | <1.16 U | <0.7 U | <5.43 U | <0.58 U | <1.05 U | <0.59 U | <2.28 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | NS | ug/m3 | <0.641 U | <0.692 U | <1.28 U | <0.622 UJ | <2.48 U | <0.74 UJ | <1.29 U | <0.782 U | <6.07 U | <0.648 U | <1.17 U | <0.659 U | <2.55 U |
| 1,1,2-Trichloroethane | 79-00-5 | NS | ug/m3 | <0.456 U | <0.493 U | <0.913 U | <0.443 UJ | <1.77 U | <0.527 UJ | <0.919 U | <0.557 U | <4.32 U | <0.461 U | <0.836 U | <0.469 U | <1.81 U |
| 1,1-Dichloroethane | 75-34-3 | NS | ug/m3 | <0.338 U | <0.365 U | 23.3 D | <0.329 UJ | 192 D | <0.391 UJ | <0.682 U | <0.413 U | 18.3 D | <0.342 U | <0.62 U | <0.348 U | <1.34 U |
| 1,1-Dichloroethene | 75-35-4 | NS | ug/m3 | <0.166 U | <0.179 U | 0.332 D | <0.161 UJ | 1.29 D | <0.191 UJ | <0.334 U | <0.202 U | <1.57 U | <0.168 U | <0.304 U | <0.17 U | <0.659 U |
| 1,2,4-Trichlorobenzene | 120-82-1 | NS | ug/m3 | <0.62 UJ | <0.67 UJ | <1.24 U | <0.603 UJ | <2.41 UJ | <0.716 UJ | <1.25 U | <0.757 U | <5.87 U | <0.627 UJ | <1.14 UJ | <0.638 U | <2.47 U |
| 1,2,4-Trimethylbenzene | 95-63-6 | NS | ug/m3 | <0.411 U | 1.69 D | 1.81 D | 3.43 J | <1.59 U | 1.85 J | 1.32 D | 2.16 D | <3.89 U | 0.498 D | 0.829 D | 1.61 D | <1.63 U |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | NS | ug/m3 | <0.642 U | <0.694 U | <1.29 U | <0.624 UJ | <2.49 U | <0.741 UJ | <1.29 U | <0.784 U | <6.08 U | <0.649 U | <1.18 U | <0.661 U | <2.55 U |
| 1,2-Dichlorobenzene | 95-50-1 | NS | ug/m3 | <0.503 U | <0.543 U | <1.01 U | <0.488 UJ | <1.95 U | <0.58 UJ | <1.01 U | <0.613 U | <4.76 U | <0.508 U | <0.922 U | <0.517 U | <2 U |
| 1,2-Dichloroethane | 107-06-2 | NS | ug/m3 | <0.338 U | <0.365 U | <0.677 U | <0.329 UJ | <1.31 U | <0.391 UJ | <0.682 U | <0.413 U | <3.2 U | <0.342 U | <0.62 U | <0.348 U | <1.34 U |
| 1,2-Dichloropropane | 78-87-5 | NS | ug/m3 | <0.386 U | <0.417 U | <0.774 U | <0.375 UJ | <1.5 U | <0.446 UJ | <0.778 U | <0.471 U | <3.66 U | <0.39 U | <0.708 U | <0.397 U | <1.54 U |
| 1,2-Dichlorotetrafluoroethane | 76-14-2 | NS | ug/m3 | <0.584 UJ | <0.631 UJ | <1.17 U | <0.568 UJ | <2.27 UJ | <0.675 UJ | <1.18 U | 0.998 D | <5.53 U | <0.591 UJ | <1.07 UJ | 1.20 D | 742 D |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | NS | ug/m3 | <0.411 U | 0.577 D | <0.823 U | 1.16 J | <1.59 U | 0.569 J | <0.828 U | 0.652 D | <3.89 U | <0.415 U | <0.754 U | 0.507 D | <1.63 U |
| 1,3-Butadiene | 106-99-0 | NS | ug/m3 | <0.555 UJ | <0.599 UJ | <1.11 U | <0.539 UJ | <2.15 UJ | <0.64 UJ | <1.12 U | <0.677 U | <5.25 U | <0.561 UJ | <1.02 UJ | <0.571 U | <2.2 U |
| 1,3-Dichlorobenzene | 541-73-1 | NS | ug/m3 | <0.503 U | <0.543 U | <1.01 U | <0.488 UJ | <1.95 U | <0.58 UJ | <1.01 U | <0.613 U | <4.76 U | <0.508 U | <0.922 U | <0.517 U | <2 U |
| 1,3-Dichloropropane | 142-28-9 | NS | ug/m3 | <0.386 U | <0.417 U | <0.774 U | <0.375 UJ | <1.5 U | <0.446 UJ | <0.778 U | <0.471 U | <3.66 U | <0.39 U | <0.708 U | <0.397 U | <1.54 U |
| 1,4-Dichlorobenzene | 106-46-7 | NS | ug/m3 | <0.503 U | <0.543 U | <1.01 U | <0.488 UJ | <1.95 U | <0.58 UJ | <1.01 U | <0.613 U | <4.76 U | <0.508 U | <0.922 U | <0.517 U | <2 U |
| 1,4-Dioxane (P-Dioxane) | 123-91-1 | NS | ug/m3 | <0.602 U | <0.651 U | <1.21 U | <0.585 UJ | <2.34 U | <0.695 UJ | <1.21 U | <0.735 U | <5.7 U | <0.609 U | <1.1 U | <0.62 U | <2.39 U |
| 2-Hexanone (MBK) | 591-78-6 | NS | ug/m3 | <0.685 U | <0.74 U | <1.37 U | <0.665 UJ | <2.66 U | <0.791 UJ | <1.38 U | <0.836 U | <6.48 U | <0.692 U | <1.26 U | <0.705 U | <2.72 U |
| 4-Ethyltoluene | 622-96-8 | NS | ug/m3 | <0.411 U | 1.33 D | 0.988 D | 2.47 J | <1.59 U | 1.23 J | 0.911 D | 1.60 D | <3.89 U | <0.415 U | <0.754 U | 1.10 D | <1.63 U |
| Acetone | 67-64-1 | NS | ug/m3 | 3.65 D | 15.9 D | 1.03 D | 15.3 J | 9.86 D | 16.7 J | 13.7 D | 17.3 D | 13.3 D | 10.9 D | 11.5 D | 16.3 D | 16.5 D |
| Acrylonitrile | 107-13-1 | NS | ug/m3 | <0.181 U | <0.196 U | 0.363 D | <0.176 UJ | <0.704 U | <0.209 UJ | 0.548 D | 2.04 J | <1.72 U | 0.458 D | <0.333 U | <0.187 U | 1.44 D |
| Allyl Chloride (3-Chloropropene) | 107-05-1 | NS | ug/m3 | <1.31 U | <1.41 U | <2.62 U | <1.27 UJ | <5.07 U | <1.51 UJ | <2.64 U | <1.6 U | <12.4 U | <1.32 U | <2.4 U | <1.35 U | <5.2 U |
| Benzene | 71-43-2 | NS | ug/m3 | 0.614 D | 0.490 D | <0.535 U | 0.493 J | <1.04 U | 0.647 J | 0.592 D | 0.587 D | <2.53 U | 0.486 D | <0.49 U | 0.604 D | <1.06 U |
| Benzyl Chloride | 100-44-7 | NS | ug/m3 | <0.433 U | <0.467 U | <0.867 U | <0.42 UJ | <1.68 U | <0.5 UJ | <0.872 U | <0.528 U | <4.1 U | <0.437 U | <0.794 U | <0.445 U | <1.72 U |
| Bromodichloromethane | 75-27-4 | NS | ug/m3 | <0.56 U | <0.605 U | <1.12 U | <0.544 UJ | <2.17 U | <0.646 UJ | <1.13 U | <0.683 U | <5.3 U | <0.566 U | <1.03 U | <0.576 U | <2.23 U |
| Bromoethene | 593-60-2 | NS | ug/m3 | <0.366 U | <0.395 U | <0.732 U | <0.355 UJ | <1.42 U | <0.422 UJ | <0.737 U | <0.446 U | <3.46 U | <0.37 U | <0.671 U | <0.376 U | <1.45 U |
| Bromoform | 75-25-2 | NS | ug/m3 | <0.864 U | <0.933 U | <1.73 U | <0.839 UJ | <3.35 U | <0.997 UJ | <1.74 U | <1.05 U | <8.18 U | <0.873 U | <1.58 U | <0.889 U | <3.43 U |
| Bromomethane | 74-83-9 | NS | ug/m3 | <0.325 U | <0.351 U | <0.65 U | <0.315 UJ | <1.26 U | <0.375 UJ | <0.654 U | <0.396 U | <3.07 U | <0.328 U | <0.595 U | <0.334 U | <1.29 U |
| Carbon Disulfide | 75-15-0 | NS | ug/m3 | <0.26 U | <0.281 U | <0.521 U | <0.253 UJ | <1.01 U | <0.301 UJ | <0.524 U | <0.318 U | <2.46 U | <0.263 U | <0.477 U | <0.268 U | <1.03 U |
| Carbon Tetrachloride | 56-23-5 | NS | ug/m3 | 0.421 D | 0.454 D | <0.263 U | 0.409 J | 0.612 D | 0.607 J | 0.424 D | 0.449 D | <1.24 U | 0.425 D | 0.386 D | 0.487 D | 0.627 D |
| Chlorobenzene | 108-90-7 | NS | ug/m3 | <0.385 U | <0.416 U | <0.771 U | <0.374 UJ | <1.49 U | <0.444 UJ | <0.775 U | <0.47 U | <3.64 U | <0.389 U | <0.706 U | <0.396 U | <1.53 U |
| Chloroethane | 75-00-3 | NS | ug/m3 | <0.221 U | <0.238 U | <0.442 U | <0.214 UJ | <0.855 U | <0.255 UJ | <0.444 U | <0.269 U | <2.09 U | <0.223 U | <0.404 U | <0.227 U | <0.876 U |
| Chloroform | 67-66-3 | NS | ug/m3 | <0.408 U | <0.441 U | 2.21 D | <0.396 UJ | 5.22 D | <0.471 UJ | <0.822 U | <0.498 U | 5.41 D | <0.413 U | <0.749 U | <0.42 U | 4.06 D |
| Chloromethane | 74-87-3 | NS | ug/m3 | 0.915 J | 0.839 J | <0.346 U | 0.838 J | <0.669 UJ | 1.53 J | 1.39 D | 1.24 D | <1.63 U | 0.838 J | <0.317 UJ | 1.28 D | 104 D |
| Cis-1,2-Dichloroethene | 156-59-2 | NS | ug/m3 | <0.166 U | <0.179 U | <0.332 U | <0.161 UJ | <0.643 U | <0.191 UJ | <0.334 U | <0.202 U | <1.57 U | <0.168 U | <0.304 U | <0.17 U | <0.659 U |
| Cis-1,3-Dichloropropene | 10061-01-5 | NS | ug/m3 | <0.379 U | <0.41 U | <0.76 U | <0.369 UJ | <1.47 U | <0.438 UJ | <0.764 U | <0.463 U | <3.59 U | <0.384 U | <0.696 U | <0.39 U | <1.51 U |
| Cyclohexane | 110-82-7 | NS | ug/m3 | <0.288 U | 6.43 D | <0.576 U | 7.07 J | 3.79 D | 4.95 J | 4.75 D | 6.50 D | 3.81 D | 4.62 D | 3.22 D | 4.68 D | 3.20 D |
| Dibromochloromethane | 124-48-1 | NS | ug/m3 | <0.712 U | <0.769 U | <1.43 U | <0.692 UJ | <2.76 U | <0.822 UJ | <1.43 U | <0.869 U | <6.74 U | <0.72 U | <1.31 U | <0.733 U | <2.83 U |
| Dichlorodifluoromethane | 75-71-8 | NS | ug/m3 | 2.32 D | 2.19 D | <0.828 U | 2.29 J | 2.24 D | 3.10 J | 2.75 D | 2.88 D | <3.91 U | 2.30 D | 1.36 D | 2.89 D | 3.12 D |
| Ethyl Acetate | 141-78-6 | NS | ug/m3 | <0.602 U | 0.944 D | <1.21 U | 0.907 J | <2.34 U | 1.04 J | <1.21 U | 1.07 D | <5.7 U | <0.609 U | 1.44 D | 0.930 D | <2.39 U |
| Ethylbenzene | 100-41-4 | NS | ug/m3 | <0.363 U | <0.392 U | <0.727 U | <0.353 UJ | <1.41 U | <0.419 UJ | <0.731 U | <0.443 U | <3.44 U | <0.367 U | <0.666 U | <0.373 U | <1.44 U |
| Hexachlorobutadiene | 87-68-3 | NS | ug/m3 | <0.892 UJ | <0.963 UJ | <1.79 U | <0.866 UJ | <3.46 UJ | <1.03 UJ | <1.8 U | <1.09 U | <8.44 U | <0.901 UJ | <1.63 UJ | <0.917 U | <3.54 U |
| Isopropanol | 67-63-0 | NS | ug/m3 | 2.77 J | 12.6 BD | 2.39 J | 11.6 J | 212 BD | 44.9 J | 12.6 D | 12.4 D | 102 D | 4.88 J | 223 J | 12.1 D | 246 D |
| M,P-Xylene | 179601-23-1 | NS | ug/m3 | <0.726 U | <0.784 U | <1.45 U | 0.811 J | <2.82 U | 0.880 J | <1.46 U | <0.886 U | <6.87 U | <0.734 U | <1.33 U | 0.859 D | <2.88 U |
| Methyl Ethyl Ketone (2-Butanone) | 78-93-3 | NS | ug/m3 | 0.419 D | 1.54 D | <0.494 U | 1.44 J | 1.05 D | 1.48 J | 1.24 D | 1.74 D | <2.33 U | 1.12 D | 1.13 D | 1.83 D | 2.16 D |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | 108-10-1 | NS | ug/m3 | <0.342 U | <0.37 U | <0.686 U | 0.366 J | <1.33 U | <0.395 UJ | <0.69 U | <0.418 U | <3.24 U | <0.346 U | <0.628 U | 0.458 D | <1.36 U |
| Methyl Methacrylate | 80-62-6 | NS | ug/m3 | <0.342 U | 0.370 D | <0.685 U | 0.332 J | <1.33 U | <0.395 UJ | <0.689 U | <0.418 U | <3.24 U | <0.346 U | <0.628 U | 0.599 D | <1.36 U |
| Methylene Chloride | 75-09-2 | 60 | ug/m3 | 0.871 D | 5.99 D | <1.16 U | 6.77 J | 5.07 D | 5.26 J | 4.50 D | 6.24 D | <5.5 U | 3.76 D | 2.34 D | 6.57 D | 3.00 D |
| n-Heptane | 142-82-5 | NS | ug/m3 | <0.343 U | <0.37 U | <0.686 U | 0.333 J | <1.33 U | <0.396 UJ | <0.69 U | <0.418 U | <3.24 U | <0.346 U | <0.628 U | <0.352 U | <1.36 U |
| n-Hexane | 110-54-3 | NS | ug/m3 | 0.413 D | 3.15 D | <0.59 U | 3.43 J | 2.06 D | 2.69 J | 2.49 D | 3.31 D | <2.79 U | 2.29 D | 1.78 D | 2.49 D | 1.76 D |
| o-Xylene (1,2-Dimethylbenzene) | 95-47-6 | NS | ug/m3 | <0.363 U | 0.392 D | <0.727 U | 0.494 J | <1.41 U | 0.419 J | <0.731 U | 0.443 D | <3.44 U | <0.367 U | <0.666 U | 0.411 D | <1.44 U |
| Propylene | 115-07-1 | NS | ug/m3 | 1.02 D | <0.155 U | <0.288 U | <0.14 UJ | <0.558 U | <0.166 UJ | <0.29 U | <0.176 U | <1.36 U | 2.70 D | <0.264 U | <0.148 U | <0.572 U |
| Styrene | 100-42-5 | NS | ug/m3 | <0.356 U | <0.385 U | <0.713 U | <0.346 UJ | <1.38 U | <0.411 UJ | <0.717 U | <0.434 U | <3.37 U | <0.36 U | <0.653 U | <0.366 U | <1.42 U |
| Tert-Butyl Methyl Ether | 1634-04-4 | NS | ug/m3 | <0.301 U | <0.326 U | <0.604 U | <0.293 UJ | <1.17 U | <0.348 UJ | <0.607 U | <0.368 U | <2.85 U | <0.305 U | <0.553 U | <0.31 U | <1.2 U |
| Tetrachloroethene (PCE) | 127-18-4 | 30 | ug/m3 | <0.567 U | <0.612 U | 3.18 D | <0.551 UJ | 3.74 D | 0.655 J | <1.14 U | <0.692 U | <5.37 U | 0.688 D | 1.04 D | 0.583 D | 2.48 D |
| Tetrahydrofuran | 109-99-9 | NS | ug/m3 | <0.493 U | <0.533 U | <0.987 U | <0.479 UJ | <1.91 U | <0.569 UJ | <0.993 U | <0.602 U | <4.67 U | <0.498 U | <0.904 U | <0.507 U | <1.96 U |
| Toluene | 108-88-3 | NS | ug/m3 | 1.01 D | 1.50 D | <0.631 U | 1.56 J | 2.81 D | 1.89 J | 1.46 D | 1.65 D | <2.98 U | 1.18 D | 2.48 D | 1.59 D | 3.25 D |
| Trans-1,2-Dichloroethene | 156-60-5 | NS | ug/m3 | <0.331 U | <0.358 U | <0.664 U | <0.322 UJ | <1.29 U | <0.383 UJ | <0.668 U | <0.404 U | <3.14 U | <0.335 U | <0.608 U | <0.341 U | <1.32 U |
| Trans-1,3-Dichloropropene | 10061-02-6 | NS | ug/m3 | <0.379 U | <0.41 U | <0.76 U | <0.369 UJ | <1.47 U | <0.438 UJ | <0.764 U | <0.463 U | <3.59 U | <0.384 U | <0.696 U | <0.39 U | <1.51 U |
| Trichloroethene (TCE) | 79-01-6 | 2 | ug/m3 | <0.112 U | 0.194 D | <0.225 U | 0.131 J | 0.871 D | 0.207 J | <0.226 U | 0.219 D | <1.06 U | <0.114 U | <0.206 U | 0.231 D | 11.1 D |
| Trichlorofluoromethane | 75-69-4 | NS | ug/m3 | 1.17 D | 1.12 D | <0.941 U | 1.14 J | <1.82 U | 1.63 J | 1.32 D | 1.49 D | <4.45 U | 1.19 D | 1.03 D | 1.55 D | <1.87 U |
| Vinyl Acetate | 108-05-4 | NS | ug/m3 | <0.294 U | 0.795 D | <0.589 U | 0.801 J | <1.14 U | 0.612 J | 0.652 D | 0.934 D | <2.79 U | 0.476 D | <0.54 U | 0.575 D | <1.17 U |
| Vinyl Chloride | 75-01-4 | NS | ug/m3 | <0.107 UJ | <0.115 UJ | <0.214 U | <0.104 UJ | <0.414 UJ | <0.123 UJ | <0.215 U | <0.13 U | <1.01 U | <0.108 UJ | <0.196 UJ | <0.11 U | <0.425 U |

**Table 3**
**2024 Biannual Soil Vapor Intrusion Monitoring Report**
**December 2023 Sub-Slab/Indoor Air Sample Analytical Results - Lot 17**

**ABC Block 27**
**Long Island City, New York**
**NYSDEC BCP Site No.: C241175**
**Langan Project No.: 170340204**

**Notes:**

AA - Ambient Air
IA - Indoor Air
SSV - Sub-slab Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Indoor air sample analytical results are compared to the New York State Department of Health (NYSDOH) Air Guideline Values (AGVs) as set forth in the NYSDOH October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York and subsequent updates (2013, 2015, 2017).
Ambient air sample analytical results are shown for reference only.

**Qualifiers:**

D - The concentration reported is a result of a diluted sample.
B - The analyte was found in the associated analysis batch blank.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

**Exceedance Summary:**

**10** - Result exceeds NYSDOH AGVs

**Table 4**
**2024 Biannual Soil Vapor Intrusion Monitoring Report**
**December 2023 Sub-Slab/Indoor Air Sample Analytical Results - Lot 17**

**ABC Block 27**
**Long Island City, New York**
**NYSDEC BCP Site No.: C241175**
**Langan Project No.: 170340204**

| Analyte | CAS Number | NYSDOH Decision Matrix (IA) | | NYSDOH Decision Matrix (SSV) | | Location | C241175_AA02 | C241175_SSPP01_IA01 | | C241175_SSPP02_IA02 | | C241175_SSPP03_IA03 | | C241175_SSPP04_IA04 | | C241175_SSPP05_IA05 | | C241175_SSV04_IA06 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sample Name | C241175_AA02_121423 | C241175_IA01_121423 | C241175_SSPP01_121423 | C241175_IA02_121423 | C241175_SSPP02_121423 | C241175_IA03_121423 | C241175_SSPP03_121423 | C241175_IA04_121423 | C241175_SSPP04_121423 | C241175_IA05_121423 | C241175_SSPP05_121423 | C241175_IA06_121423 | C241175_SSV04_121423 |
| | | | | | | Sample Date | 12/14/2023 | 12/14/2023 | 12/14/2023 | 12/14/2023 | 12/14/2023 | 12/14/2023 | 12/14/2023 | 12/14/2023 | 12/14/2023 | 12/14/2023 | 12/14/2023 | 12/14/2023 | 12/14/2023 |
| | | | | | | Sample Type | AA | IA | SSV | IA | SSV | IA | SSV | IA | SSV | IA | SSV | IA | SSV |
| | | | | | | Unit | Result | Result | Result | Result | Result | Result | Result | Result | Result | Result | Result | Result | Result |
| **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | 71-55-6 | 3 | 10 | 100 | 1000 | ug/m3 | <0.456 | 0.591 | 168 | 0.576 | 343 | 0.737 | <0.919 | 0.724 | 850 | <0.461 | 4.52 | 0.563 | 82.5 |
| 1,1-Dichloroethene | 75-35-4 | 0.2 | 1 | 6 | 60 | ug/m3 | <0.166 | <0.179 | 0.332 | <0.161 | 1.29 | <0.191 | <0.334 | <0.202 | <1.57 | <0.168 | <0.304 | <0.17 | <0.659 |
| 1,2,4-Trimethylbenzene | 95-63-6 | 2 | 10 | 60 | 600 | ug/m3 | <0.411 | 1.69 | 1.81 | 3.43 | <1.59 | 1.85 | 1.32 | 2.16 | <3.89 | 0.498 | 0.829 | 1.61 | <1.63 |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | 2 | 10 | 60 | 600 | ug/m3 | <0.411 | 0.577 | <0.823 | 1.16 | <1.59 | 0.569 | <0.828 | 0.652 | <3.89 | <0.415 | <0.754 | 0.507 | <1.63 |
| Benzene | 71-43-2 | 2 | 10 | 60 | 600 | ug/m3 | 0.614 | 0.49 | <0.535 | 0.493 | <1.04 | 0.647 | 0.592 | 0.587 | <2.53 | 0.486 | <0.49 | 0.604 | <1.06 |
| Carbon Tetrachloride | 56-23-5 | 0.2 | 1 | 6 | 60 | ug/m3 | 0.421 | 0.454 | <0.263 | 0.409 | 0.612 | 0.607 | 0.424 | 0.449 | <1.24 | 0.425 | 0.386 | 0.487 | 0.627 |
| Cis-1,2-Dichloroethene | 156-59-2 | 0.2 | 1 | 6 | 60 | ug/m3 | <0.166 | <0.179 | <0.332 | <0.161 | <0.643 | <0.191 | <0.334 | <0.202 | <1.57 | <0.168 | <0.304 | <0.17 | <0.659 |
| Cyclohexane | 110-82-7 | 2 | 10 | 60 | 600 | ug/m3 | <0.288 | 6.43 | <0.576 | 7.07 | 3.79 | 4.95 | 4.75 | 6.5 | 3.81 | 4.62 | 3.22 | 4.68 | 3.2 |
| Ethylbenzene | 100-41-4 | 2 | 10 | 60 | 600 | ug/m3 | <0.363 | <0.392 | <0.727 | <0.353 | <1.41 | <0.419 | <0.731 | <0.443 | <3.44 | <0.367 | <0.666 | <0.373 | <1.44 |
| M,P-Xylene | 179601-23-1 | 6 | 20 | 200 | 2000 | ug/m3 | <0.726 | <0.784 | <1.45 | 0.811 | <2.82 | 0.88 | <1.46 | <0.886 | <6.87 | <0.734 | <1.33 | 0.859 | <2.88 |
| Methylene Chloride | 75-09-2 | 3 | 10 | 100 | 1000 | ug/m3 | 0.871 | 5.99 | <1.16 | 6.77 | 5.07 | 5.26 | 4.5 | 6.24 | <5.5 | 3.76 | 2.34 | 6.57 | 3 |
| n-Heptane | 142-82-5 | 6 | 20 | 200 | 2000 | ug/m3 | <0.343 | <0.37 | <0.686 | 0.333 | <1.33 | <0.396 | <0.69 | <0.418 | <3.24 | <0.346 | <0.628 | <0.352 | <1.36 |
| n-Hexane | 110-54-3 | 6 | 20 | 200 | 2000 | ug/m3 | 0.413 | 3.15 | <0.59 | 3.43 | 2.06 | 2.69 | 2.49 | 3.31 | <2.79 | 2.29 | 1.78 | 2.49 | 1.76 |
| o-Xylene (1,2-Dimethylbenzene) | 95-47-6 | 2 | 10 | 60 | 600 | ug/m3 | <0.363 | 0.392 | <0.727 | 0.494 | <1.41 | 0.419 | <0.731 | 0.443 | <3.44 | <0.367 | <0.666 | 0.411 | <1.44 |
| Tetrachloroethene (PCE) | 127-18-4 | 3 | 10 | 100 | 1000 | ug/m3 | <0.567 | <0.612 | 3.18 | <0.551 | 3.74 | 0.655 | <1.14 | <0.692 | <5.37 | 0.688 | 1.04 | 0.583 | 2.48 |
| Toluene | 108-88-3 | 10 | 50 | 300 | 3000 | ug/m3 | 1.01 | 1.5 | <0.631 | 1.56 | 2.81 | 1.89 | 1.46 | 1.65 | <2.98 | 1.18 | 2.48 | 1.59 | 3.25 |
| Trichloroethene (TCE) | 79-01-6 | 0.2 | 1 | 6 | 60 | ug/m3 | <0.112 | 0.194 | <0.225 | 0.131 | 0.871 | 0.207 | <0.226 | 0.219 | <1.06 | <0.114 | <0.206 | **0.231** | 11.1 |
| Vinyl Chloride | 75-01-4 | 0 | 0.2 | 6 | 60 | ug/m3 | <0.107 | <0.115 | <0.214 | <0.104 | <0.414 | <0.123 | <0.215 | <0.13 | <1.01 | <0.108 | <0.196 | <0.11 | <0.425 |

**Notes:**
AA - Ambient Air
IA - Indoor Air
SSV - Sub-slab Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Co-located sub-slab vapor and indoor air sample analytical results are evaluated using the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York
Ambient air sample analytical results are shown for reference only.

**Exceedance Summary:**
**10** - Result exceeds the minimum threshold for which monitoring is recommended
10 - Result exceeds the minimum threshold for which mitigation is recommended
10 - Result exceeds the minimum threshold for which identification of source(s) and resampling or mitigation is recommended

**Table 5**
**2024 Biannual Soil Vapor Intrusion Monitoring Report**
**August 2024 Sub-Slab/Indoor Air Sample Analytical Results - Lot 17**

**ABC Block 27**
**Long Island City, New York**
**NYSDEC BCP Site No.: C241175**
**Langan Project No.: 170340204**

| Analyte | CAS Number | NYSDOH AGVs | Location | C241175_AA02 | C241175_SSPP01_IA01 | | C241175_SSPP02_IA02 | | C241175_SSPP03_IA03 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Name | C241175_AA02_080624 | C241175_IA01_080624 | C241175_SSPP01_080624 | C241175_IA02_080624 | C241175_SSPP02_080624 | C241175_IA03_080624 | C241175_SSPP03_080624 |
| | | | Sample Date | 08/06/2024 | 08/06/2024 | 08/06/2024 | 08/06/2024 | 08/06/2024 | 08/06/2024 | 08/06/2024 |
| | | | Sample Type | AA | IA | SSV | IA | SSV | IA | SSV |
| | | | Unit | Result | Result | Result | Result | Result | Result | Result |
| **Volatile Organic Compounds** | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | NS | ug/m3 | <0.722 U | <0.621 U | <1.11 U | <0.702 U | <1.34 U | <0.711 U | <14 U |
| 1,1,1-Trichloroethane | 71-55-6 | NS | ug/m3 | <0.574 U | <0.494 U | 142 J | <0.558 U | 121 J | <0.565 U | 112 J |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | NS | ug/m3 | <0.722 U | <0.621 U | <1.11 U | <0.702 U | <1.34 U | <0.711 U | <14 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | NS | ug/m3 | 0.806 D | 0.971 J | <1.24 U | <0.783 U | <1.49 U | <0.793 U | <15.6 U |
| 1,1,2-Trichloroethane | 79-00-5 | NS | ug/m3 | <0.574 U | <0.494 U | <0.886 U | <0.558 U | <1.06 U | <0.565 U | <11.1 U |
| 1,1-Dichloroethane | 75-34-3 | NS | ug/m3 | <0.426 U | <0.366 U | 39.0 D | <0.414 U | 19.2 D | <0.419 U | <8.25 U |
| 1,1-Dichloroethene | 75-35-4 | NS | ug/m3 | <0.209 U | <0.179 U | <0.322 U | <0.203 U | <0.386 U | <0.205 U | <4.04 U |
| 1,2,4-Trichlorobenzene | 120-82-1 | NS | ug/m3 | <0.781 U | <0.672 U | <1.2 U | <0.758 U | <1.44 U | <0.768 U | <15.1 U |
| 1,2,4-Trimethylbenzene | 95-63-6 | NS | ug/m3 | 0.724 D | 2.18 D | 9.41 D | 3.87 D | 9.27 D | 3.71 D | <10 U |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | NS | ug/m3 | <0.808 U | <0.695 U | <1.25 U | <0.785 U | <1.49 U | <0.795 U | <15.7 U |
| 1,2-Dichlorobenzene | 95-50-1 | NS | ug/m3 | <0.632 U | <0.544 U | <0.976 U | <0.614 U | <1.17 U | <0.622 U | <12.3 U |
| 1,2-Dichloroethane | 107-06-2 | NS | ug/m3 | <0.426 U | <0.366 U | <0.657 U | <0.414 U | <0.787 U | <0.419 U | <8.25 U |
| 1,2-Dichloropropane | 78-87-5 | NS | ug/m3 | <0.486 U | <0.418 U | <0.75 U | <0.472 U | <0.899 U | <0.478 U | <9.42 U |
| 1,2-Dichlorotetrafluoroethane | 76-14-2 | NS | ug/m3 | <0.735 U | <0.633 U | <1.13 U | <0.714 U | <1.36 U | <0.724 U | <14.3 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | NS | ug/m3 | <0.517 U | 0.667 D | 2.87 D | 1.26 D | 2.68 D | 1.32 D | <10 U |
| 1,3-Butadiene | 106-99-0 | NS | ug/m3 | <0.698 U | <0.601 U | <1.08 U | <0.678 U | <1.29 U | <0.687 U | <13.5 U |
| 1,3-Dichlorobenzene | 541-73-1 | NS | ug/m3 | <0.632 U | <0.544 U | 1.66 D | <0.614 U | <1.17 U | <0.622 U | <12.3 U |
| 1,3-Dichloropropane | 142-28-9 | NS | ug/m3 | <0.486 U | <0.418 U | <0.75 U | <0.472 U | <0.899 U | <0.478 U | <9.42 U |
| 1,4-Dichlorobenzene | 106-46-7 | NS | ug/m3 | <0.632 U | 0.544 D | <0.976 U | <0.614 U | <1.17 U | <0.622 U | <12.3 U |
| 1,4-Dioxane (P-Dioxane) | 123-91-1 | NS | ug/m3 | <0.758 U | <0.652 U | <1.17 U | <0.737 U | <1.4 U | <0.746 U | <14.7 U |
| 2-Hexanone (MBK) | 591-78-6 | NS | ug/m3 | <0.862 U | <0.741 U | <1.33 U | <0.837 U | <1.59 U | <0.848 U | <16.7 U |
| 4-Ethyltoluene | 622-96-8 | NS | ug/m3 | 0.569 D | 1.65 D | 6.86 D | 2.76 D | 6.22 D | 2.85 D | <10 U |
| Acetone | 67-64-1 | NS | ug/m3 | 20.7 BD | 38.2 BD | 21.1 BD | 35.8 BD | 22.2 BD | 38.9 D | 17.9 D |
| Acrylonitrile | 107-13-1 | NS | ug/m3 | <0.228 U | <0.196 U | <0.352 U | <0.222 U | <0.422 U | <0.225 U | <4.42 U |
| Allyl Chloride (3-Chloropropene) | 107-05-1 | NS | ug/m3 | <1.65 U | <1.42 U | <2.54 U | <1.6 U | <3.04 U | <1.62 U | <31.9 U |
| Benzene | 71-43-2 | NS | ug/m3 | 0.874 D | 1.73 D | 0.674 D | 0.718 D | 0.621 D | 0.893 D | <6.51 U |
| Benzyl Chloride | 100-44-7 | NS | ug/m3 | <0.545 U | <0.469 U | <0.84 U | 1.75 D | <1.01 U | 1.29 D | <10.6 U |
| Bromodichloromethane | 75-27-4 | NS | ug/m3 | <0.705 U | <0.606 U | <1.09 U | <0.685 U | <1.3 U | <0.693 U | <13.7 U |
| Bromoethene | 593-60-2 | NS | ug/m3 | <0.46 U | <0.396 U | <0.71 U | <0.447 U | <0.851 U | <0.453 U | <8.92 U |
| Bromoform | 75-25-2 | NS | ug/m3 | <1.09 U | <0.935 U | <1.68 U | <1.06 U | <2.01 U | <1.07 U | <21.1 U |
| Bromomethane | 74-83-9 | NS | ug/m3 | <0.408 U | <0.351 U | <0.63 U | <0.397 U | <0.755 U | <0.402 U | <7.92 U |
| Carbon Disulfide | 75-15-0 | NS | ug/m3 | <0.328 U | 0.423 D | 3.34 D | <0.318 U | 6.24 D | <0.322 U | <6.35 U |
| Carbon Tetrachloride | 56-23-5 | NS | ug/m3 | 0.993 J | 1.25 J | 0.817 J | 0.707 J | 1.47 J | 0.977 J | <3.21 U |
| Chlorobenzene | 108-90-7 | NS | ug/m3 | <0.484 U | <0.417 U | <0.747 U | <0.47 U | <0.895 U | <0.476 U | <9.39 U |
| Chloroethane | 75-00-3 | NS | ug/m3 | <0.278 U | <0.239 U | <0.428 U | <0.27 U | <0.513 U | <0.273 U | <5.38 U |
| Chloroform | 67-66-3 | NS | ug/m3 | <0.514 U | 0.619 J | 5.23 J | <0.499 U | 3.51 J | 0.707 J | 29.9 J |
| Chloromethane | 74-87-3 | NS | ug/m3 | 1.06 D | 1.35 D | 0.637 D | 1.01 D | <0.402 U | 1.13 D | <4.21 U |
| Cis-1,2-Dichloroethene | 156-59-2 | NS | ug/m3 | 0.292 D | <0.179 U | <0.322 U | <0.203 U | <0.386 U | <0.205 U | <4.04 U |
| Cis-1,3-Dichloropropene | 10061-01-5 | NS | ug/m3 | <0.477 U | <0.411 U | <0.737 U | <0.464 U | <0.883 U | <0.47 U | <9.25 U |
| Cyclohexane | 110-82-7 | NS | ug/m3 | <0.362 U | 0.779 D | <0.559 U | <0.352 U | <0.669 U | 0.356 D | <7.02 U |
| Dibromochloromethane | 124-48-1 | NS | ug/m3 | <0.896 U | <0.771 U | <1.38 U | <0.871 U | <1.66 U | <0.882 U | <17.4 U |
| Dichlorodifluoromethane | 75-71-8 | NS | ug/m3 | 4.42 J | 5.33 J | 3.69 J | 3.64 J | 3.85 J | 4.25 J | <10.1 U |
| Ethyl Acetate | 141-78-6 | NS | ug/m3 | <0.758 U | 4.14 D | <1.17 U | 0.884 D | <1.4 U | 1.27 D | <14.7 U |
| Ethylbenzene | 100-41-4 | NS | ug/m3 | <0.457 U | 1.96 D | 0.705 D | 0.621 D | <0.845 U | 0.629 D | <8.85 U |
| Hexachlorobutadiene | 87-68-3 | NS | ug/m3 | <1.12 U | <0.965 U | <1.73 U | <1.09 U | <2.07 U | <1.1 U | <21.7 U |
| Isopropanol | 67-63-0 | NS | ug/m3 | 4.78 J | 29.9 BD | 44.5 BD | 21.7 BD | 47.6 BD | 73.7 D | 59.1 D |
| M,P-Xylene | 179601-23-1 | NS | ug/m3 | 1.42 D | 7.66 D | 2.11 D | 1.86 D | 2.20 D | 1.66 D | <17.7 U |
| Methyl Ethyl Ketone (2-Butanone) | 78-93-3 | NS | ug/m3 | 2.05 J | 3.58 J | 2.30 J | 2.71 J | 2.87 J | 2.81 D | <6.01 U |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | 108-10-1 | NS | ug/m3 | <0.431 U | 0.927 D | 0.997 D | <0.419 U | 1.12 D | <0.424 U | <8.35 U |
| Methyl Methacrylate | 80-62-6 | NS | ug/m3 | <0.431 U | <0.371 U | <0.664 U | <0.418 U | <0.796 U | <0.424 U | <8.35 U |
| Methylene Chloride | 75-09-2 | 60 | ug/m3 | 1.02 D | 6.35 D | 1.30 D | 1.28 D | <1.35 U | 1.33 D | <14.2 U |
| Naphthalene | 91-20-3 | NS | ug/m3 | 1.93 J | 5.69 J | <1.7 U | 1.50 J | <2.04 U | <1.09 U | <21.4 U |
| n-Heptane | 142-82-5 | NS | ug/m3 | 0.517 D | 2.82 D | <0.665 U | 0.628 D | <0.797 U | 0.594 D | <8.36 U |
| n-Hexane | 110-54-3 | NS | ug/m3 | 0.890 D | 1.98 D | 1.20 D | 1.51 D | 0.754 D | 1.64 D | <7.19 U |
| o-Xylene (1,2-Dimethylbenzene) | 95-47-6 | NS | ug/m3 | 0.548 D | 2.59 D | 1.20 D | 0.976 D | 1.27 D | 0.899 D | <8.85 U |
| Propylene | 115-07-1 | NS | ug/m3 | <0.181 U | 1.64 D | <0.279 U | 0.967 D | <0.335 U | <0.178 U | <3.51 U |
| Styrene | 100-42-5 | NS | ug/m3 | <0.448 U | 0.617 D | <0.691 U | <0.435 U | <0.829 U | <0.441 U | <8.69 U |
| Tert-Butyl Methyl Ether | 1634-04-4 | NS | ug/m3 | <0.379 U | <0.326 U | <0.585 U | <0.368 U | <0.701 U | <0.373 U | <7.35 U |
| Tetrachloroethene (PCE) | 127-18-4 | 30 | ug/m3 | 1.14 D | 2.33 D | 1.21 D | <0.693 U | 5.28 D | <0.702 U | 452 J |
| Tetrahydrofuran | 109-99-9 | NS | ug/m3 | <0.621 U | <0.534 U | <0.957 U | <0.603 U | <1.15 U | <0.611 U | <12 U |
| Toluene | 108-88-3 | NS | ug/m3 | 2.26 D | 12.7 D | 2.94 D | 2.73 D | 2.79 D | 3.08 D | <7.68 U |
| Trans-1,2-Dichloroethene | 156-60-5 | NS | ug/m3 | <0.417 U | <0.359 U | <0.643 U | <0.405 U | <0.771 U | <0.41 U | <8.08 U |
| Trans-1,3-Dichloropropene | 10061-02-6 | NS | ug/m3 | <0.477 U | <0.411 U | <0.737 U | <0.464 U | <0.883 U | <0.47 U | <9.25 U |
| Trichloroethene (TCE) | 79-01-6 | 2 | ug/m3 | 0.961 D | 0.146 D | 1.40 D | <0.137 U | 4.29 D | <0.139 U | 1180 D |
| Trichlorofluoromethane | 75-69-4 | NS | ug/m3 | 2.54 J | 3.20 J | 2.74 J | 2.07 J | 2.51 J | 2.62 J | <11.5 U |
| Vinyl Acetate | 108-05-4 | NS | ug/m3 | <0.37 U | <0.319 U | <0.571 U | <0.36 U | <0.685 U | <0.364 U | <7.18 U |
| Vinyl Chloride | 75-01-4 | NS | ug/m3 | <0.134 U | <0.116 U | <0.207 U | <0.131 U | <0.249 U | <0.132 U | <2.61 U |

**Table 5**
**2024 Biannual Soil Vapor Intrusion Monitoring Report**
**August 2024 Sub-Slab/Indoor Air Sample Analytical Results - Lot 17**

**ABC Block 27**
**Long Island City, New York**
**NYSDEC BCP Site No.: C241175**
**Langan Project No.: 170340204**

| Analyte | CAS Number | NYSDOH AGVs | Location | C241175_SSPP04_IA04 | | C241175_SSPP05_IA05 | | C241175_SSV04_IA06 | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Name | C241175_IA04_080624 | C241175_SSPP04_080624 | C241175_IA05_080624 | C241175_SSPP05_080624 | C241175_IA06_080624 | C241175_SSV04_080624 |
| | | | Sample Date | 08/06/2024 | 08/06/2024 | 08/06/2024 | 08/06/2024 | 08/06/2024 | 08/06/2024 |
| | | | Sample Type | IA | SSV | IA | SSV | IA | SSV |
| | | | Unit | Result | Result | Result | Result | Result | Result |
| **Volatile Organic Compounds** | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | NS | ug/m3 | <0.68 U | <12.7 U | <0.687 U | <1.33 U | <0.641 U | <1.32 U |
| 1,1,1-Trichloroethane | 71-55-6 | NS | ug/m3 | <0.54 U | 2660 J | <0.546 U | 10.3 J | 0.663 J | 151 J |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | NS | ug/m3 | <0.68 U | <12.7 U | <0.687 U | <1.33 U | <0.641 U | <1.32 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 76-13-1 | NS | ug/m3 | 0.759 D | <14.2 U | 0.767 D | <1.49 U | <0.716 U | <1.47 U |
| 1,1,2-Trichloroethane | 79-00-5 | NS | ug/m3 | <0.54 U | <10.1 U | <0.546 U | <1.06 U | <0.51 U | <1.05 U |
| 1,1-Dichloroethane | 75-34-3 | NS | ug/m3 | <0.401 U | 85.6 D | <0.405 U | <0.786 U | <0.378 U | <0.778 U |
| 1,1-Dichloroethene | 75-35-4 | NS | ug/m3 | <0.196 U | <3.68 U | <0.198 U | <0.385 U | <0.185 U | <0.381 U |
| 1,2,4-Trichlorobenzene | 120-82-1 | NS | ug/m3 | <0.735 U | <13.8 U | <0.743 U | <1.44 U | 1.25 D | <1.43 U |
| 1,2,4-Trimethylbenzene | 95-63-6 | NS | ug/m3 | 3.21 D | <9.12 U | 2.90 D | 5.92 D | 3.21 D | 5.96 D |
| 1,2-Dibromoethane (Ethylene Dibromide) | 106-93-4 | NS | ug/m3 | <0.761 U | <14.3 U | <0.769 U | <1.49 U | <0.718 U | <1.48 U |
| 1,2-Dichlorobenzene | 95-50-1 | NS | ug/m3 | <0.595 U | <11.2 U | <0.602 U | <1.17 U | <0.562 U | <1.16 U |
| 1,2-Dichloroethane | 107-06-2 | NS | ug/m3 | <0.401 U | <7.51 U | <0.405 U | <0.786 U | <0.378 U | <0.778 U |
| 1,2-Dichloropropane | 78-87-5 | NS | ug/m3 | <0.457 U | <8.57 U | <0.463 U | <0.897 U | <0.432 U | <0.889 U |
| 1,2-Dichlorotetrafluoroethane | 76-14-2 | NS | ug/m3 | <0.692 U | <13 U | <0.7 U | <1.36 U | <0.653 U | <1.34 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | NS | ug/m3 | 1.22 D | <9.12 U | 0.984 D | 1.53 D | 1.06 D | 1.61 D |
| 1,3-Butadiene | 106-99-0 | NS | ug/m3 | <0.657 U | <12.3 U | <0.664 U | <1.29 U | <0.62 U | <1.28 U |
| 1,3-Dichlorobenzene | 541-73-1 | NS | ug/m3 | <0.595 U | <11.2 U | <0.602 U | 1.17 D | <0.562 U | <1.16 U |
| 1,3-Dichloropropane | 142-28-9 | NS | ug/m3 | <0.458 U | <8.57 U | <0.463 U | <0.897 U | <0.432 U | <0.889 U |
| 1,4-Dichlorobenzene | 106-46-7 | NS | ug/m3 | <0.595 U | <11.2 U | <0.602 U | <1.17 U | 0.786 D | <1.16 U |
| 1,4-Dioxane (P-Dioxane) | 123-91-1 | NS | ug/m3 | <0.713 U | <13.4 U | <0.721 U | <1.4 U | <0.673 U | <1.39 U |
| 2-Hexanone (MBK) | 591-78-6 | NS | ug/m3 | 1.01 D | <15.2 U | <0.82 U | <1.59 U | 1.15 D | 2.68 D |
| 4-Ethyltoluene | 622-96-8 | NS | ug/m3 | 2.43 D | <9.12 U | 2.12 D | 4.77 D | 2.53 D | 4.54 D |
| Acetone | 67-64-1 | NS | ug/m3 | 36.1 BD | 20.3 BD | 38.8 BD | 32.0 J | 94.8 BD | 22.6 BD |
| Acrylonitrile | 107-13-1 | NS | ug/m3 | <0.215 U | <4.03 U | 5.41 D | 2.74 D | <0.203 U | 0.584 D |
| Allyl Chloride (3-Chloropropene) | 107-05-1 | NS | ug/m3 | <1.55 U | <29 U | <1.57 U | <3.04 U | <1.46 U | <3.01 U |
| Benzene | 71-43-2 | NS | ug/m3 | 0.791 D | <5.93 U | 0.895 D | <0.62 U | 0.746 D | <0.614 U |
| Benzyl Chloride | 100-44-7 | NS | ug/m3 | 1.59 D | <9.6 U | 2.12 D | <1.01 U | 1.11 D | <0.996 U |
| Bromodichloromethane | 75-27-4 | NS | ug/m3 | <0.663 U | <12.4 U | <0.671 U | <1.3 U | <0.626 U | <1.29 U |
| Bromoethene | 593-60-2 | NS | ug/m3 | <0.433 U | <8.11 U | <0.438 U | <0.849 U | <0.409 U | <0.841 U |
| Bromoform | 75-25-2 | NS | ug/m3 | <1.02 U | <19.2 U | <1.03 U | <2.01 U | <0.965 U | <1.99 U |
| Bromomethane | 74-83-9 | NS | ug/m3 | <0.384 U | <7.2 U | <0.389 U | <0.754 U | <0.363 U | <0.747 U |
| Carbon Disulfide | 75-15-0 | NS | ug/m3 | <0.308 U | <5.78 U | <0.312 U | 9.13 D | <0.291 U | <0.599 U |
| Carbon Tetrachloride | 56-23-5 | NS | ug/m3 | 0.872 J | <2.92 U | 0.882 J | 0.855 J | 0.529 J | 0.605 J |
| Chlorobenzene | 108-90-7 | NS | ug/m3 | <0.456 U | <8.54 U | <0.461 U | <0.894 U | <0.43 U | <0.885 U |
| Chloroethane | 75-00-3 | NS | ug/m3 | <0.261 U | <4.89 U | <0.264 U | <0.512 U | <0.246 U | <0.507 U |
| Chloroform | 67-66-3 | NS | ug/m3 | 0.483 D | 29.0 J | <0.489 U | <0.948 U | 0.456 J | 15.9 J |
| Chloromethane | 74-87-3 | NS | ug/m3 | 1.19 D | <3.83 U | 1.05 D | <0.401 U | 1.49 J | <0.397 U |
| Cis-1,2-Dichloroethene | 156-59-2 | NS | ug/m3 | <0.196 U | <3.68 U | <0.198 U | <0.385 U | <0.185 U | <0.381 U |
| Cis-1,3-Dichloropropene | 10061-01-5 | NS | ug/m3 | <0.449 U | <8.42 U | <0.454 U | <0.881 U | <0.424 U | <0.873 U |
| Cyclohexane | 110-82-7 | NS | ug/m3 | <0.341 U | <6.39 U | <0.345 U | <0.668 U | <0.321 U | <0.662 U |
| Dibromochloromethane | 124-48-1 | NS | ug/m3 | <0.843 U | <15.8 U | <0.853 U | <1.65 U | <0.796 U | <1.64 U |
| Dichlorodifluoromethane | 75-71-8 | NS | ug/m3 | 3.92 J | <9.17 U | 3.91 J | 4.03 D | 2.82 J | 2.85 J |
| Ethyl Acetate | 141-78-6 | NS | ug/m3 | 1.03 D | <13.4 U | 0.794 D | <1.4 U | 1.51 D | <1.39 U |
| Ethylbenzene | 100-41-4 | NS | ug/m3 | 0.602 D | <8.06 U | 0.652 D | <0.843 U | 0.811 D | <0.835 U |
| Hexachlorobutadiene | 87-68-3 | NS | ug/m3 | <1.06 U | <19.8 U | <1.07 U | <2.07 U | <0.996 U | <2.05 U |
| Isopropanol | 67-63-0 | NS | ug/m3 | 20.6 BD | 59.3 BD | 19.3 BD | 44.2 BD | 80.7 BD | 37.6 BD |
| M,P-Xylene | 179601-23-1 | NS | ug/m3 | 1.81 D | <16.1 U | 1.87 D | 1.77 D | 2.27 D | 1.75 D |
| Methyl Ethyl Ketone (2-Butanone) | 78-93-3 | NS | ug/m3 | 2.63 J | <5.47 U | 2.48 J | 3.38 BD | 3.86 J | 3.06 J |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | 108-10-1 | NS | ug/m3 | 0.406 D | <7.6 U | <0.41 U | 0.875 D | 0.574 J | 1.50 D |
| Methyl Methacrylate | 80-62-6 | NS | ug/m3 | <0.405 U | <7.59 U | <0.41 U | <0.795 U | <0.382 U | <0.787 U |
| Methylene Chloride | 75-09-2 | 60 | ug/m3 | 1.27 D | <12.9 U | 1.25 D | <1.35 U | 1.30 D | <1.34 U |
| Naphthalene | 91-20-3 | NS | ug/m3 | <1.04 U | <19.4 U | 1.10 J | <2.04 U | 4.06 J | <2.02 U |
| n-Heptane | 142-82-5 | NS | ug/m3 | 0.568 D | <7.6 U | 0.533 D | <0.796 U | 0.689 D | <0.788 U |
| n-Hexane | 110-54-3 | NS | ug/m3 | 1.57 D | <6.54 U | 1.73 D | 1.03 D | 1.51 D | <0.678 U |
| o-Xylene (1,2-Dimethylbenzene) | 95-47-6 | NS | ug/m3 | 0.946 D | <8.05 U | 0.956 D | 0.928 D | 1.01 D | 1.00 D |
| Propylene | 115-07-1 | NS | ug/m3 | <0.17 U | <3.19 U | <0.172 U | 1.77 D | 1.45 D | 1.19 D |
| Styrene | 100-42-5 | NS | ug/m3 | <0.422 U | <7.9 U | <0.426 U | <0.827 U | <0.398 U | <0.819 U |
| Tert-Butyl Methyl Ether | 1634-04-4 | NS | ug/m3 | <0.357 U | <6.69 U | <0.361 U | <0.7 U | <0.337 U | <0.693 U |
| Tetrachloroethene (PCE) | 127-18-4 | 30 | ug/m3 | <0.671 U | <12.6 U | <0.679 U | 5.27 D | <0.633 U | 120 D |
| Tetrahydrofuran | 109-99-9 | NS | ug/m3 | <0.584 U | <10.9 U | <0.59 U | <1.15 U | <0.551 U | <1.13 U |
| Toluene | 108-88-3 | NS | ug/m3 | 2.57 D | <6.99 U | 2.64 D | 2.34 D | 3.34 D | 2.83 D |
| Trans-1,2-Dichloroethene | 156-60-5 | NS | ug/m3 | <0.393 U | <7.35 U | <0.397 U | <0.77 U | <0.37 U | <0.762 U |
| Trans-1,3-Dichloropropene | 10061-02-6 | NS | ug/m3 | <0.449 U | <8.42 U | <0.454 U | <0.881 U | <0.424 U | <0.873 U |
| Trichloroethene (TCE) | 79-01-6 | 2 | ug/m3 | 0.426 D | <2.49 U | <0.134 U | 0.522 D | 0.201 D | 84.8 D |
| Trichlorofluoromethane | 75-69-4 | NS | ug/m3 | 2.34 J | <10.4 U | 2.25 J | 2.73 D | 1.42 J | 3.57 J |
| Vinyl Acetate | 108-05-4 | NS | ug/m3 | <0.349 U | <6.53 U | <0.352 U | <0.684 U | <0.329 U | <0.677 U |
| Vinyl Chloride | 75-01-4 | NS | ug/m3 | <0.127 U | <2.37 U | <0.128 U | <0.248 U | <0.119 U | 2.06 D |

**Table 5**
**2024 Biannual Soil Vapor Intrusion Monitoring Report**
**August 2024 Sub-Slab/Indoor Air Sample Analytical Results - Lot 17**

**ABC Block 27**
**Long Island City, New York**
**NYSDEC BCP Site No.: C241175**
**Langan Project No.: 170340204**

**Notes:**

AA - Ambient Air
IA - Indoor Air
SSV - Sub-slab Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Indoor air sample analytical results are compared to the New York State Department of Health (NYSDOH) Air Guideline Values (AGVs) as set forth in the NYSDOH October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York and subsequent updates (2013, 2015, 2017).
Ambient air sample analytical results are shown for reference only.

**Qualifiers:**

D - The concentration reported is a result of a diluted sample.
B - The analyte was found in the associated analysis batch blank.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

**Exceedance Summary:**

**10** - Result exceeds NYSDOH AGVs

**Table 5**
**2024 Biannual Soil Vapor Intrusion Monitoring Report**
**August 2024 Sub-Slab/Indoor Air Sample Analytical Results - Lot 17**

**ABC Block 27**
**Long Island City, New York**
**NYSDEC BCP Site No.: C241175**
**Langan Project No.: 170340204**

| Analyte | CAS Number | NYSDOH Decision Matrix (IA) | | NYSDOH Decision Matrix (SSV) | | Location | C241175_AA02 | C241175_SSPP01_IA01 | | C241175_SSPP02_IA02 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sample Name | C241175_AA02_080624 | C241175_IA01_080624 | C241175_SSPP01_080624 | C241175_IA02_080624 | C241175_SSPP02_080624 |
| | | | | | | Sample Date | 08/06/2024 | 08/06/2024 | 08/06/2024 | 08/06/2024 | 08/06/2024 |
| | | | | | | Sample Type | AA | IA | SSV | IA | SSV |
| | | | | | | Unit | Result | Result | Result | Result | Result |
| **Volatile Organic Compounds** | | | | | | | | | | | |
| 1,1,1-Trichloroethane | 71-55-6 | 3 | 10 | 100 | 1000 | ug/m3 | <0.574 | <0.494 | 142 | <0.558 | 121 |
| 1,1-Dichloroethene | 75-35-4 | 0.2 | 1 | 6 | 60 | ug/m3 | <0.209 | <0.179 | <0.322 | <0.203 | <0.386 |
| 1,2,4-Trimethylbenzene | 95-63-6 | 2 | 10 | 60 | 600 | ug/m3 | 0.724 | 2.18 | 9.41 | 3.87 | 9.27 |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | 2 | 10 | 60 | 600 | ug/m3 | <0.517 | 0.667 | 2.87 | 1.26 | 2.68 |
| Benzene | 71-43-2 | 2 | 10 | 60 | 600 | ug/m3 | 0.874 | 1.73 | 0.674 | 0.718 | 0.621 |
| Carbon Tetrachloride | 56-23-5 | 0.2 | 1 | 6 | 60 | ug/m3 | 0.993 | 1.25 | 0.817 | 0.707 | 1.47 |
| Cis-1,2-Dichloroethene | 156-59-2 | 0.2 | 1 | 6 | 60 | ug/m3 | 0.292 | <0.179 | <0.322 | <0.203 | <0.386 |
| Cyclohexane | 110-82-7 | 2 | 10 | 60 | 600 | ug/m3 | <0.362 | 0.779 | <0.559 | <0.352 | <0.669 |
| Ethylbenzene | 100-41-4 | 2 | 10 | 60 | 600 | ug/m3 | <0.457 | 1.96 | 0.705 | 0.621 | <0.845 |
| M,P-Xylene | 179601-23-1 | 6 | 20 | 200 | 2000 | ug/m3 | 1.42 | 7.66 | 2.11 | 1.86 | 2.2 |
| Methylene Chloride | 75-09-2 | 3 | 10 | 100 | 1000 | ug/m3 | 1.02 | 6.35 | 1.3 | 1.28 | <1.35 |
| Naphthalene | 91-20-3 | 2 | 10 | 60 | 600 | ug/m3 | 1.93 | 5.69 | <1.7 | 1.5 | <2.04 |
| n-Heptane | 142-82-5 | 6 | 20 | 200 | 2000 | ug/m3 | 0.517 | 2.82 | <0.665 | 0.628 | <0.797 |
| n-Hexane | 110-54-3 | 6 | 20 | 200 | 2000 | ug/m3 | 0.89 | 1.98 | 1.2 | 1.51 | 0.754 |
| o-Xylene (1,2-Dimethylbenzene) | 95-47-6 | 2 | 10 | 60 | 600 | ug/m3 | 0.548 | 2.59 | 1.2 | 0.976 | 1.27 |
| Tetrachloroethene (PCE) | 127-18-4 | 3 | 10 | 100 | 1000 | ug/m3 | 1.14 | 2.33 | 1.21 | <0.693 | 5.28 |
| Toluene | 108-88-3 | 10 | 50 | 300 | 3000 | ug/m3 | 2.26 | 12.7 | 2.94 | 2.73 | 2.79 |
| Trichloroethene (TCE) | 79-01-6 | 0.2 | 1 | 6 | 60 | ug/m3 | 0.961 | 0.146 | 1.4 | <0.137 | 4.29 |
| Vinyl Chloride | 75-01-4 | 0 | 0.2 | 6 | 60 | ug/m3 | <0.134 | <0.116 | <0.207 | <0.131 | <0.249 |

**Notes:**
AA - Ambient Air
IA - Indoor Air
SSV - Sub-slab Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Co-located sub-slab vapor and indoor air sample analytical results are evaluated using the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York Decision Matrices for Sub-Slab Vapor and Indoor Air and subsequent updates (2017).

Ambient air sample analytical results are shown for reference only.

**Qualifiers:**
D - The concentration reported is a result of a diluted sample.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

**Exceedance Summary:**
**10** - Result exceeds the minimum threshold for which monitoring is recommended
10 - Result exceeds the minimum threshold for which mitigation is recommended
10 - Result exceeds the minimum threshold for which identification of source(s) and resampling or mitigation

**Table 5**
**2024 Biannual Soil Vapor Intrusion Monitoring Report**
**August 2024 Sub-Slab/Indoor Air Sample Analytical Results - Lot 17**

**ABC Block 27**
**Long Island City, New York**
**NYSDEC BCP Site No.: C241175**
**Langan Project No.: 170340204**

| Analyte | CAS Number | NYSDOH Decision Matrix (IA) | | NYSDOH Decision Matrix (SSV) | | Location | C241175_SSPP03_IA03 | | C241175_SSPP04_IA04 | | C241175_SSPP05_IA05 | | C241175_SSV04_IA06 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Sample Name | C241175_IA03_080624 | C241175_SSPP03_080624 | C241175_IA04_080624 | C241175_SSPP04_080624 | C241175_IA05_080624 | C241175_SSPP05_080624 | C241175_IA06_080624 | C241175_SSV04_080624 |
| | | | | | | Sample Date | 08/06/2024 | 08/06/2024 | 08/06/2024 | 08/06/2024 | 08/06/2024 | 08/06/2024 | 08/06/2024 | 08/06/2024 |
| | | | | | | Sample Type | IA | SSV | IA | SSV | IA | SSV | IA | SSV |
| | | | | | | Unit | Result | Result | Result | Result | Result | Result | Result | Result |
| **Volatile Organic Compounds** | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | 71-55-6 | 3 | 10 | 100 | 1000 | ug/m3 | <0.565 | 112 | <0.54 | 2660 | <0.546 | 10.3 | 0.663 | 151 |
| 1,1-Dichloroethene | 75-35-4 | 0.2 | 1 | 6 | 60 | ug/m3 | <0.205 | <4.04 | <0.196 | <3.68 | <0.198 | <0.385 | <0.185 | <0.381 |
| 1,2,4-Trimethylbenzene | 95-63-6 | 2 | 10 | 60 | 600 | ug/m3 | 3.71 | <10 | 3.21 | <9.12 | 2.9 | 5.92 | 3.21 | 5.96 |
| 1,3,5-Trimethylbenzene (Mesitylene) | 108-67-8 | 2 | 10 | 60 | 600 | ug/m3 | 1.32 | <10 | 1.22 | <9.12 | 0.984 | 1.53 | 1.06 | 1.61 |
| Benzene | 71-43-2 | 2 | 10 | 60 | 600 | ug/m3 | 0.893 | <6.51 | 0.791 | <5.93 | 0.895 | <0.62 | 0.746 | <0.614 |
| Carbon Tetrachloride | 56-23-5 | 0.2 | 1 | 6 | 60 | ug/m3 | 0.977 | <3.21 | 0.872 | <2.92 | 0.882 | 0.855 | 0.529 | 0.605 |
| Cis-1,2-Dichloroethene | 156-59-2 | 0.2 | 1 | 6 | 60 | ug/m3 | <0.205 | <4.04 | <0.196 | <3.68 | <0.198 | <0.385 | <0.185 | <0.381 |
| Cyclohexane | 110-82-7 | 2 | 10 | 60 | 600 | ug/m3 | 0.356 | <7.02 | <0.341 | <6.39 | <0.345 | <0.668 | <0.321 | <0.662 |
| Ethylbenzene | 100-41-4 | 2 | 10 | 60 | 600 | ug/m3 | 0.629 | <8.85 | 0.602 | <8.06 | 0.652 | <0.843 | 0.811 | <0.835 |
| M,P-Xylene | 179601-23-1 | 6 | 20 | 200 | 2000 | ug/m3 | 1.66 | <17.7 | 1.81 | <16.1 | 1.87 | 1.77 | 2.27 | 1.75 |
| Methylene Chloride | 75-09-2 | 3 | 10 | 100 | 1000 | ug/m3 | 1.33 | <14.2 | 1.27 | <12.9 | 1.25 | <1.35 | 1.3 | <1.34 |
| Naphthalene | 91-20-3 | 2 | 10 | 60 | 600 | ug/m3 | <1.09 | <21.4 | <1.04 | <19.4 | 1.1 | <2.04 | 4.06 | <2.02 |
| n-Heptane | 142-82-5 | 6 | 20 | 200 | 2000 | ug/m3 | 0.594 | <8.36 | 0.568 | <7.6 | 0.533 | <0.796 | 0.689 | <0.788 |
| n-Hexane | 110-54-3 | 6 | 20 | 200 | 2000 | ug/m3 | 1.64 | <7.19 | 1.57 | <6.54 | 1.73 | 1.03 | 1.51 | <0.678 |
| o-Xylene (1,2-Dimethylbenzene) | 95-47-6 | 2 | 10 | 60 | 600 | ug/m3 | 0.899 | <8.85 | 0.946 | <8.05 | 0.956 | 0.928 | 1.01 | 1 |
| Tetrachloroethene (PCE) | 127-18-4 | 3 | 10 | 100 | 1000 | ug/m3 | <0.702 | 452 | <0.671 | <12.6 | <0.679 | 5.27 | <0.633 | 120 |
| Toluene | 108-88-3 | 10 | 50 | 300 | 3000 | ug/m3 | 3.08 | <7.68 | 2.57 | <6.99 | 2.64 | 2.34 | 3.34 | 2.83 |
| Trichloroethene (TCE) | 79-01-6 | 0.2 | 1 | 6 | 60 | ug/m3 | <0.139 | 1180 | 0.426 | <2.49 | <0.134 | 0.522 | 0.201 | 84.8 |
| Vinyl Chloride | 75-01-4 | 0 | 0.2 | 6 | 60 | ug/m3 | <0.132 | <2.61 | <0.127 | <2.37 | <0.128 | <0.248 | <0.119 | 2.06 |

**Notes:**
AA - Ambient Air
IA - Indoor Air
SSV - Sub-slab Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Co-located sub-slab vapor and indoor air sample analytical results are evaluated using the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York Decision Matrices for Sub-Slab Vapor and Indoor Air and subsequent updates (2017).

Ambient air sample analytical results are shown for reference only.

**Qualifiers:**
D - The concentration reported is a result of a diluted sample.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

**Exceedance Summary:**
**10** - Result exceeds the minimum threshold for which monitoring is recommended
10 - Result exceeds the minimum threshold for which mitigation is recommended
10 - Result exceeds the minimum threshold for which identification of source(s) and resampling or mitigation

# ATTACHMENT A

# SITE INSPECTION FORMS

# COMPOSITE COVER SYSTEM INSPECTION CHECKLIST

Site Name: ABC Block 27 - Lot 4 Location: Long Island City, NY Project Number: 170340204

Inspector Name: Roswell Lo Date: 12/15/2023 Weather Conditions: Clear, 34-59 °F, SW @ 12-13 mph

Reason for Inspection (i.e., routine, severe condition, etc.): Annual Composite Cover Inspection

Check one of the following:
(Y: Yes N: No N/A: Not Applicable)

| | | Y | N | N/A | Normal Situation | Remarks |
|---|---|---|---|---|---|---|
| | **General** | | | | | |
| 1 | What are the current site conditions? | - | - | - | Y | Two-Story Residential Building - Active |
| | **Impermeable Cap and Soil Cover System** | | | | | |
| 2 | Are there any indications of a breach in the capping system at the time of this inspection? | | ✓ | | Y | Minor surficial cracks that do not propagate through the concrete slab are observed. These surficial cracks were previously patched with hydraulic cement and/or polyurethane sealant. No evidence of excavation activity or disturbance to the soil cover system in the backyard. |
| 3 | Is there any construction activity, or indication of any construction activity within the past certification year (including any tenant improvements), that included the breaching of the capping system, on-site at the time of this inspection? | | ✓ | | Y | There are no indications of construction activity that may have breahed the site cover system |
| 4 | If YES to number 3, is there documentation that the Soil Management Plan, HASP, and CAMP for the site was/is being followed? | | | ✓ | Y | |

***** If the answer to any of the above questions indicate non-compliance with ECs for the site, additional remarks must be provided and, where applicable, documentation attached to this checklist detailing additional inspection and repair activities.**

**Additional remarks:** Two sump pump pits are observed in the basement. Both sump pits are fitted with sump covers with one way check valves to allow water to enter the pit, but prevent gases and odors from escaping the sump pit to the cellar. Standing water was observed within the pit. The rear yard was clear of obstructions. No depressions or indications of soil excavation or disturbance were observed.

**Minimum Inspection Schedule:**

- Site-wide inspections will be conducted biannually, per certification year, at a minimum.
- Additional inspections will also be conducted at times of severe weather condition events.
- All inspection events will use this checklist.

# COMPOSITE COVER SYSTEM INSPECTION CHECKLIST

Site Name: ABC Block 27 - Lot 17 Location: Long Island City, NY Project Number: 170340204

Inspector Name: Roswell Lo Date: 12/15/2023 Weather Conditions: Clear, 34-59 °F, SW @ 12-13 mph

Reason for Inspection (i.e., routine, severe condition, etc.): Annual Composite Cover Inspection

Check one of the following:
(Y: Yes N: No N/A: Not Applicable)

| | | Y | N | N/A | Normal Situation | Remarks |
|---|---|---|---|---|---|---|
| | **General** | | | | | |
| 1 | What are the current site conditions? | - | - | - | Y | Two-Story Commercial - 1st floor is partially occupied by a dance studio and the 2nd floor is occupied by a beauty salon |
| | **Impermeable Cap** | | | | | |
| 2 | Are there any indications of a breach in the capping system at the time of this inspection? | | ✓ | | Y | Minor surficial cracks that do not propagate through the concrete slab are observed. These surficial cracks have been appropriately patched with hydraulic cement and/or polyurethane sealant, |
| 3 | Is there any construction activity, or indication of any construction activity within the past certification year (including any tenant improvements), that included the breaching of the capping system, on-site at the time of this inspection? | | ✓ | | Y | There are no indications of construction activity that may have breahed the site cover system |
| 4 | If YES to number 3, is there documentation that the Soil Management Plan, HASP, and CAMP for the site was/is being followed? | | | ✓ | Y | |

***** If the answer to any of the above questions indicate non-compliance with ECs for the site, additional remarks must be provided and, where applicable, documentation attached to this checklist detailing additional inspection and repair activities.**

**Additional remarks:** The utility pit foundation slabs are observed in good condition. No breaches were observed. Standing water was not observed within any of the utility pits.

**Minimum Inspection Schedule:**

- Site-wide inspections will be conducted biannually, per certification year, at a minimum.
- Additional inspections will also be conducted at times of severe weather condition events.
- All inspection events will use this checklist.

# COMPOSITE COVER SYSTEM INSPECTION CHECKLIST

Site Name: ABC Block 27 - Lot 4 Location: Long Island City, NY Project Number: 170340204

Inspector Name: Roswell Lo Date: 8/5/2024 Weather Conditions: Clear, 34-59 °F, SW @ 12-13 mph

Reason for Inspection (i.e., routine, severe condition, etc.): Annual Composite Cover Inspection

Check one of the following:
(Y: Yes N: No N/A: Not Applicable)

| | | Y | N | N/A | Normal Situation | Remarks |
|---|---|---|---|---|---|---|
| | **General** | | | | | |
| 1 | What are the current site conditions? | - | - | - | Y | Two-Story Residential Building - Active |
| | **Impermeable Cap and Soil Cover System** | | | | | |
| 2 | Are there any indications of a breach in the capping system at the time of this inspection? | ✓ | | | N | Minor surficial cracks were observed. We recommend that these surficial cracks be patched with hydraulic cement and/or polyurethane sealant. No evidence of excavation activity or disturbance to the soil cover system in the backyard. |
| 3 | Is there any construction activity, or indication of any construction activity within the past certification year (including any tenant improvements), that included the breaching of the capping system, on-site at the time of this inspection? | | ✓ | | Y | There are no indications of construction activity that may have breahed the site cover system |
| 4 | If YES to number 3, is there documentation that the Soil Management Plan, HASP, and CAMP for the site was/is being followed? | | | ✓ | Y | |

***** If the answer to any of the above questions indicate non-compliance with ECs for the site, additional remarks must be provided and, where applicable, documentation attached to this checklist detailing additional inspection and repair activities.**

**Additional remarks:** Two sump pump pits are observed in the basement. Both sump pits are fitted with sump covers with one way check valves to allow water to enter the pit, but prevent gases and odors from escaping the sump pit to the cellar. Standing water was observed within the pit. The rear yard was clear of obstructions. No depressions or indications of soil excavation or disturbance were observed.

**Minimum Inspection Schedule:**

- Site-wide inspections will be conducted biannually, per certification year, at a minimum.
- Additional inspections will also be conducted at times of severe weather condition events.
- All inspection events will use this checklist.

# COMPOSITE COVER SYSTEM INSPECTION CHECKLIST

Site Name: ABC Block 27 - Lot 17 Location: Long Island City, NY Project Number: 170340204

Inspector Name: Roswell Lo Date: 8/7/2024 Weather Conditions: Clear, 66-69 °F, NE @ 7-15 mph

Reason for Inspection (i.e., routine, severe condition, etc.): Annual Composite Cover Inspection

Check one of the following:
(Y: Yes N: No N/A: Not Applicable)

| | | Y | N | N/A | Normal Situation | Remarks |
|---|---|---|---|---|---|---|
| | **General** | | | | | |
| 1 | What are the current site conditions? | - | - | - | Y | Two-Story Commercial - 1st floor is partially occupied by a dance studio and the 2nd floor is occupied by a beauty salon |
| | **Impermeable Cap** | | | | | |
| 2 | Are there any indications of a breach in the capping system at the time of this inspection? | ✓ | | | Y | Minor surficial cracks that do not propagate through the concrete slab are observed. These surficial cracks have been appropriately patched with hydraulic cement and/or polyurethane sealant. Langan also observed about 1/2" diameter holes drilled into the slab within the dance studio area. These holes do not penetrate the slab. |
| 3 | Is there any construction activity, or indication of any construction activity within the past certification year (including any tenant improvements), that included the breaching of the capping system, on-site at the time of this inspection? | | ✓ | | Y | There are no indications of construction activity that may have breached the site cover system |
| 4 | If YES to number 3, is there documentation that the Soil Management Plan, HASP, and CAMP for the site was/is being followed? | | | ✓ | Y | |

***** If the answer to any of the above questions indicate non-compliance with ECs for the site, additional remarks must be provided and, where applicable, documentation attached to this checklist detailing additional inspection and repair activities.**

**Additional remarks:** The utility pit foundation slabs are observed in good condition. No breaches were observed. Standing water was not observed within any of the utility pits.

**Minimum Inspection Schedule:**

- Site-wide inspections will be conducted biannually, per certification year, at a minimum.
- Additional inspections will also be conducted at times of severe weather condition events.
- All inspection events will use this checklist.

**ATTACHMENT B**

**SUB-SLAB VAPOR AND INDOOR AIR SAMPLING LOGS**

**AND INDOOR AIR QUALITY QUESTIONNAIRES**

## SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET

Sample Number: C241175_SSV08_121523

| | |
|---|---|
| **PROJECT:** ABC Block 27 - Lot 4 | **PROJECT NO.:** 170340204 |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A |
| **DRILLING FIRM OR LANGAN INSTALLER:** AARCO Environmental Services Corp. | **INSTALLATION DATE STARTED:** 7/31/2022 / **DATE FINISHED:** 7/31/2022 |
| **INSTALLATION FOREMAN:** CJ Blumberg | **SAMPLE DATE STARTED:** 12/14/2023 / **DATE FINISHED:** 12/15/2023 |
| **INSTALLATION EQUIPMENT:** Jackhammer with Macrocore Attachment | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister |
| **INSPECTOR:** Roswell Lo | **SAMPLER:** Roswell Lo |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 38-54°F; Wind: 6-15 mph W; Precipitation: 0.0 in; Pressure: 30.27-30.59 in |

**METHOD OF INSTALLATION AND PURGING:**

SSV08 was previously installed on 7/31/2020 by AARCO. The sample location was purged using a MultiRAE mulit-gas detector prior to sampling. The integrity of the seal was tested via a helium tracer test. The sample consisted of 6L summa canister fitted with an 24-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 24-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

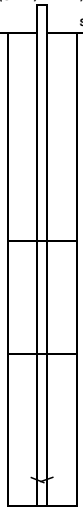
| | |
|---|---|
| **TUBING TYPE/DIAMETER:** 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing | **TYPE OF MATERIAL ABOVE SEAL:** N/A |
| **IMPLANT SCREEN TYPE/LENGTH/DIAMETER:** None | **SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite |
| **BOREHOLE DIAMETER:** 2-inch | **FILTER PACK MATERIAL (Sand or Glass Beads):** Sand |

| | |
|---|---|
| **PURGE VOLUME (L):** | 1.00 |
| **PURGE FLOW RATE (ML/MIN):** | 200 |
| **PID AFTER PURGE (PPM):** | 0.0 |

| **HELIUM TESTS** | Pre-sampling | Post-sampling |
|---|---|---|
| **HELIUM TEST IN BUCKET(%):** | 28.7% | 24.5% |
| **HELIUM TEST IN TUBE (PPM):** | 0 | 0 |

| | |
|---|---|
| **SAMPLE START TIME:** | 12:40 |
| **SAMPLE STOP TIME:** | 12:40 |
| **TOTAL SAMPLE TIME (MIN):** | 1440 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0 |
| **SAMPLE MOISTURE CONTENT:** | N/A |
| **CAN SERIAL NUMBER:** | 23999 |
| **REGULATOR SERIAL NUMBER:** | 19388 |
| **CAN START VACUUM PRESS. (" HG):** | -32 |
| **CAN STOP VACUUM PRESS. (" HG):** | -7 |

**IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)**




| **DEPTH (INCHES FROM SURFACE)** | **NOTES** |
|---|---|
| 0 | |
| 1 | |
| 6 | |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

**NOTES**

1) Colocated with C241175_IA01_121423
2) Differental Pressure pre-sample: 0.000 (inH2O)

**Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.**
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

## AIR SAMPLING LOG SHEET

Sample Number: C241175_IA01_121523

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 4 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 12/14/2023 | **DATE FINISHED:** 12/15/2023 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 38-54°F<br>Wind: 6-15 mph W<br>Precipitation: 0.0 in<br>Pressure: 30.27-30.59 in | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MultiRAE multi-gas detector prior to sampling. The sample consisted of 6L summa canister fitted with an 24-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 24-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| SAMPLE DETAILS | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 4 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 12:40 |
| **SAMPLE STOP TIME:** | 12:40 |
| **TOTAL SAMPLE TIME (MIN):** | 1440 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 |
| **VOLUME OF SAMPLE (LITERS):** | 6.00 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | N/A |
| **CAN SERIAL NUMBER:** | 18293 |
| **REGULATOR SERIAL NUMBER:** | 19397 |
| **CAN START VACUUM PRESS. (" HG):** | -31 |
| **CAN STOP VACUUM PRESS. (" HG):** | -6 |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

**NOTES**

1) Colocated with C241175_SSV08_121523

**Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.**
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

## AIR SAMPLING LOG SHEET

Sample Number: C241175_AA01_121523

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 4 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 12/14/2023 | **DATE FINISHED:** 12/15/2023 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 38-54°F<br>Wind: 6-15 mph W<br>Precipitation: 0.0 in<br>Pressure: 30.27-30.59 in | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MultiRAE multi-gas detector prior to sampling. The sample consisted of 6L summa canister fitted with an 24-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 24-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| SAMPLE DETAILS | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 4 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 12:35 |
| **SAMPLE STOP TIME:** | 11:27 |
| **TOTAL SAMPLE TIME (MIN):** | 1388 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | N/A |
| **CAN SERIAL NUMBER:** | 16694 |
| **REGULATOR SERIAL NUMBER:** | 19432 |
| **CAN START VACUUM PRESS. (" HG):** | -31 |
| **CAN STOP VACUUM PRESS. (" HG):** | -5 |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

**NOTES**

None

**Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.**
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

## SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET

Sample Number: C241175_SSV04_121423

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **DRILLING FIRM OR LANGAN INSTALLER:** AARCO Environmental Services Corp. | **INSTALLATION DATE STARTED:** 1/24/2019 | **DATE FINISHED:** 1/24/2019 |
| **INSTALLATION FOREMAN:** Adam Hutchinson | **SAMPLE DATE STARTED:** 12/14/2023 | **DATE FINISHED:** 12/14/2023 |
| **INSTALLATION EQUIPMENT:** Bosch Hammer Drill | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **INSPECTOR:** Roswell Lo | **SAMPLER:** Roswell Lo | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 31-40°F<br>Wind: WNW 6-12 mph<br>Precipitation: None<br>Pressure: 30.50-30.66 in | |

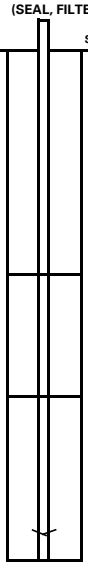
**METHOD OF INSTALLATION AND PURGING:**

SSV04 was previously installed on 1/24/2019 by AARCO. The sample location was purged using a MultiRAE mulit-gas detector prior to sampling. The integrity of the seal was tested via a helium tracer test. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| | |
|---|---|
| **TUBING TYPE/DIAMETER:** 1/4-Inch Teflon-lined Polyethylene Tubing | **TYPE OF MATERIAL ABOVE SEAL:** None |
| **IMPLANT SCREEN TYPE/LENGTH/DIAMETER:** 2-Inch Polyethylene Probe | **SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite |
| **BOREHOLE DIAMETER:** 3/4-inch | **FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand |

| | | |
|---|---|---|
| **PURGE VOLUME (L):** | 1.00 | |
| **PURGE FLOW RATE (ML/MIN):** | 200 | |
| **PID AFTER PURGE (PPM):** | 0.1 | |
| **HELIUM TESTS** | Pre-sampling | Post-sampling |
| **HELIUM TEST IN BUCKET(%):** | 24.2% | 23.7% |
| **HELIUM TEST IN TUBE (PPM):** | 0 | 0 |
| **SAMPLE START TIME:** | 11:42 | |
| **SAMPLE STOP TIME:** | 19:42 | |
| **TOTAL SAMPLE TIME (MIN):** | 480 | |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 | |
| **VOLUME OF SAMPLE (LITERS):** | 6 | |
| **PID AFTER SAMPLE (PPM):** | 0.0 | |
| **SAMPLE MOISTURE CONTENT:** | N/A | |
| **CAN SERIAL NUMBER:** | 36450 | |
| **REGULATOR SERIAL NUMBER:** | 19417 | |
| **CAN START VACUUM PRESS. (" HG):** | -31 | |
| **CAN STOP VACUUM PRESS. (" HG):** | -8 | |

**IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)**




| | DEPTH (FEET FROM SURFACE) | NOTES |
|---|---|---|
| **Top of Seal** | 0.5 | |
| **Top of Pack** | 0.6 | |
| **Tube Depth** | 0.83 | |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

**NOTES**

1) Colocated with IA06
2) Differential Pressure Reading: 0.002 in$H_2O$

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## SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET

Sample Number: C241175_SSPP01_121423

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **DRILLING FIRM OR LANGAN INSTALLER:** AARCO Environmental Services Corp. | **INSTALLATION DATE STARTED:** 12/2/2017 | **DATE FINISHED:** 12/2/2017 |
| **INSTALLATION FOREMAN:** Adam Hutchinson | **SAMPLE DATE STARTED:** 12/14/2023 | **DATE FINISHED:** 12/14/2023 |
| **INSTALLATION EQUIPMENT:** Bosch Hammer Drill | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **INSPECTOR:** Roswell Lo | **SAMPLER:** Roswell Lo | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 31-40°F<br>Wind: WNW 6-12 mph<br>Precipitation: None<br>Pressure: 30.50-30.66 in | |

**METHOD OF INSTALLATION AND PURGING:**

SSPP01 was previously installed on 12/2/2017 by AARCO. The sample location was purged using a MultiRAE mulit-gas detector prior to sampling. The integrity of the seal was tested via a helium tracer test. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| | |
|---|---|
| **TUBING TYPE/DIAMETER:** 1/4-Inch Teflon-lined Polyethylene Tubing | **TYPE OF MATERIAL ABOVE SEAL:** None |
| **IMPLANT SCREEN TYPE/LENGTH/DIAMETER:** 2-Inch Polyethylene Probe | **SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite |
| **BOREHOLE DIAMETER:** 3/4-inch | **FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand |

| | | |
|---|---|---|
| **PURGE VOLUME (L):** | 1.00 | |
| **PURGE FLOW RATE (ML/MIN):** | 200 | |
| **PID AFTER PURGE (PPM):** | 0.0 | |
| **HELIUM TESTS** | Pre-sampling | Post-sampling |
| **HELIUM TEST IN BUCKET(%):** | 24.7% | 23.7% |
| **HELIUM TEST IN TUBE (PPM):** | 0 | 0 |
| **SAMPLE START TIME:** | 11:46 | |
| **SAMPLE STOP TIME:** | 19:46 | |
| **TOTAL SAMPLE TIME (MIN):** | 480 | |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 | |
| **VOLUME OF SAMPLE (LITERS):** | 6 | |
| **PID AFTER SAMPLE (PPM):** | 0.0 | |
| **SAMPLE MOISTURE CONTENT:** | N/A | |
| **CAN SERIAL NUMBER:** | 37004 | |
| **REGULATOR SERIAL NUMBER:** | 6863 | |
| **CAN START VACUUM PRESS. (" HG):** | -32 | |
| **CAN STOP VACUUM PRESS. (" HG):** | -8 | |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

| IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.) | DEPTH (FEET FROM SURFACE) | NOTES |
|---|---|---|
| SURFACE / SURFACE | | |
| **Top of Seal** | 0.5 | |
| **Top of Pack** | 0.7 | |
| **Tube Depth** | 1 | |

**NOTES**

1) Colocated with IA02
2) Differential Pressure Reading: 0.003 in$H_2O$

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# SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET

Sample Number: C241175_SSPP02_121423

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **DRILLING FIRM OR LANGAN INSTALLER:** AARCO Environmental Services Corp. | **INSTALLATION DATE STARTED:** 12/2/2017 | **DATE FINISHED:** 12/2/2017 |
| **INSTALLATION FOREMAN:** Adam Hutchinson | **SAMPLE DATE STARTED:** 12/14/2023 | **DATE FINISHED:** 12/14/2023 |
| **INSTALLATION EQUIPMENT:** Bosch Hammer Drill | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **INSPECTOR:** Roswell Lo | **SAMPLER:** Roswell Lo | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 31-40°F<br>Wind: WNW 6-12 mph<br>Precipitation: None<br>Pressure: 30.50-30.66 in | |

**METHOD OF INSTALLATION AND PURGING:**

SSPP02 was previously installed on 12/2/2017 by AARCO. The sample location was purged using a MultiRAE mulit-gas detector prior to sampling. The integrity of the seal was tested via a helium tracer test. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| | |
|---|---|
| **TUBING TYPE/DIAMETER:** 1/4-Inch Teflon-lined Polyethylene Tubing | **TYPE OF MATERIAL ABOVE SEAL:** None |
| **IMPLANT SCREEN TYPE/LENGTH/DIAMETER:** 2-Inch Polyethylene Probe | **SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite |
| **BOREHOLE DIAMETER:** 3/4-inch | **FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand |

| | | |
|---|---|---|
| **PURGE VOLUME (L):** | 1.00 | |
| **PURGE FLOW RATE (ML/MIN):** | 200 | |
| **PID AFTER PURGE (PPM):** | 0.0 | |
| **HELIUM TESTS** | Pre-sampling | Post-sampling |
| **HELIUM TEST IN BUCKET(%):** | 26.4% | 26.1% |
| **HELIUM TEST IN TUBE (PPM):** | 0 | 0 |
| **SAMPLE START TIME:** | 11:50 | |
| **SAMPLE STOP TIME:** | 19:50 | |
| **TOTAL SAMPLE TIME (MIN):** | 480 | |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 | |
| **VOLUME OF SAMPLE (LITERS):** | 6 | |
| **PID AFTER SAMPLE (PPM):** | 0.0 | |
| **SAMPLE MOISTURE CONTENT:** | N/A | |
| **CAN SERIAL NUMBER:** | 17348 | |
| **REGULATOR SERIAL NUMBER:** | 19402 | |
| **CAN START VACUUM PRESS. (" HG):** | -31.5 | |
| **CAN STOP VACUUM PRESS. (" HG):** | -8 | |

| **IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)** | **DEPTH (FEET FROM SURFACE)** | **NOTES** |
|---|---|---|
| SURFACE | | |
| **Top of Seal** | 0.5 | |
| **Top of Pack** | 0.6 | |
| **Tube Depth** | 1 | |
| SURFACE | | |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

## NOTES

1) Colocated with IA02
2) Differential Pressure Reading: 0.005 in$H_2O$

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## SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET

Sample Number: C241175_SSPP03_121423

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **DRILLING FIRM OR LANGAN INSTALLER:** AARCO Environmental Services Corp. | **INSTALLATION DATE STARTED:** 12/2/2017 | **DATE FINISHED:** 12/2/2017 |
| **INSTALLATION FOREMAN:** Adam Hutchinson | **SAMPLE DATE STARTED:** 12/14/2023 | **DATE FINISHED:** 12/14/2023 |
| **INSTALLATION EQUIPMENT:** Bosch Hammer Drill | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **INSPECTOR:** Roswell Lo | **SAMPLER:** Roswell Lo | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 31-40°F<br>Wind: WNW 6-12 mph<br>Precipitation: None<br>Pressure: 30.50-30.66 in | |

**METHOD OF INSTALLATION AND PURGING:**

SSPP03 was previously installed on 12/2/2017 by AARCO. The sample location was purged using a MultiRAE mulit-gas detector prior to sampling. The integrity of the seal was tested via a helium tracer test. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| | |
|---|---|
| **TUBING TYPE/DIAMETER:** 1/4-Inch Teflon-lined Polyethylene Tubing | **TYPE OF MATERIAL ABOVE SEAL:** None |
| **IMPLANT SCREEN TYPE/LENGTH/DIAMETER:** 2-Inch Polyethylene Probe | **SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite |
| **BOREHOLE DIAMETER:** 3/4-inch | **FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand |

| | | |
|---|---|---|
| **PURGE VOLUME (L):** | 1.00 | |
| **PURGE FLOW RATE (ML/MIN):** | 200 | |
| **PID AFTER PURGE (PPM):** | 1.4 | |
| **HELIUM TESTS** | Pre-sampling | Post-sampling |
| **HELIUM TEST IN BUCKET(%):** | 25.7% | 26.4% |
| **HELIUM TEST IN TUBE (PPM):** | 0 | 0 |
| **SAMPLE START TIME:** | 11:40 | |
| **SAMPLE STOP TIME:** | 19:40 | |
| **TOTAL SAMPLE TIME (MIN):** | 480 | |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 | |
| **VOLUME OF SAMPLE (LITERS):** | 6 | |
| **PID AFTER SAMPLE (PPM):** | 1.0 | |
| **SAMPLE MOISTURE CONTENT:** | N/A | |
| **CAN SERIAL NUMBER:** | 87388 | |
| **REGULATOR SERIAL NUMBER:** | 19394 | |
| **CAN START VACUUM PRESS. (" HG):** | -32 | |
| **CAN STOP VACUUM PRESS. (" HG):** | -9 | |

| **IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)** | **DEPTH (FEET FROM SURFACE)** | **NOTES** |
|---|---|---|
| SURFACE | | |
| **Top of Seal** | 0.5 | |
| **Top of Pack** | 0.6 | |
| **Tube Depth** | 1 | |
| SURFACE | | |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

## NOTES

1) Colocated with IA03
2) Differential Pressure Reading: 0.000 in$H_2O$

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# SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET

Sample Number: C241175_SSPP04_121423

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **DRILLING FIRM OR LANGAN INSTALLER:** AARCO Environmental Services Corp. | **INSTALLATION DATE STARTED:** 12/2/2017 | **DATE FINISHED:** 12/2/2017 |
| **INSTALLATION FOREMAN:** Adam Hutchinson | **SAMPLE DATE STARTED:** 12/14/2023 | **DATE FINISHED:** 12/14/2023 |
| **INSTALLATION EQUIPMENT:** Bosch Hammer Drill | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **INSPECTOR:** Roswell Lo | **SAMPLER:** Roswell Lo | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 31-40°F<br>Wind: WNW 6-12 mph<br>Precipitation: None<br>Pressure: 30.50-30.66 in | |

**METHOD OF INSTALLATION AND PURGING:**

SSPP04 was previously installed on 12/2/2017 by AARCO. The sample location was purged using a MultiRAE mulit-gas detector prior to sampling. The integrity of the seal was tested via a helium tracer test. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| | |
|---|---|
| **TUBING TYPE/DIAMETER:** 1/4-Inch Teflon-lined Polyethylene Tubing | **TYPE OF MATERIAL ABOVE SEAL:** None |
| **IMPLANT SCREEN TYPE/LENGTH/DIAMETER:** 2-Inch Polyethylene Probe | **SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite |
| **BOREHOLE DIAMETER:** 3/4-inch | **FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand |

| | | |
|---|---|---|
| **PURGE VOLUME (L):** | 1.00 | |
| **PURGE FLOW RATE (ML/MIN):** | 200 | |
| **PID AFTER PURGE (PPM):** | 0.2 | |
| **HELIUM TESTS** | Pre-sampling | Post-sampling |
| **HELIUM TEST IN BUCKET(%):** | 26.6% | 26.6% |
| **HELIUM TEST IN TUBE (PPM):** | 0 | 0 |
| **SAMPLE START TIME:** | 11:44 | |
| **SAMPLE STOP TIME:** | 19:44 | |
| **TOTAL SAMPLE TIME (MIN):** | 480 | |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 | |
| **VOLUME OF SAMPLE (LITERS):** | 6 | |
| **PID AFTER SAMPLE (PPM):** | 0.0 | |
| **SAMPLE MOISTURE CONTENT:** | N/A | |
| **CAN SERIAL NUMBER:** | 37797 | |
| **REGULATOR SERIAL NUMBER:** | 7081 | |
| **CAN START VACUUM PRESS. (" HG):** | -32 | |
| **CAN STOP VACUUM PRESS. (" HG):** | -7 | |

| **IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)** | **DEPTH (FEET FROM SURFACE)** | **NOTES** |
|---|---|---|
| SURFACE | | |
| **Top of Seal** | 0.5 | |
| **Top of Pack** | 0.6 | |
| **Tube Depth** | 1 | |
| SURFACE | | |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

## NOTES

1) Colocated with IA04
2) Differential Pressure Reading: 0.002 in$H_2O$

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## SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET

Sample Number: C241175_SSPP05_121423

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **DRILLING FIRM OR LANGAN INSTALLER:** AARCO Environmental Services Corp. | **INSTALLATION DATE STARTED:** 12/2/2017 | **DATE FINISHED:** 12/2/2017 |
| **INSTALLATION FOREMAN:** Adam Hutchinson | **SAMPLE DATE STARTED:** 12/14/2023 | **DATE FINISHED:** 12/14/2023 |
| **INSTALLATION EQUIPMENT:** Bosch Hammer Drill | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **INSPECTOR:** Roswell Lo | **SAMPLER:** Roswell Lo | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 31-40°F<br>Wind: WNW 6-12 mph<br>Precipitation: None<br>Pressure: 30.50-30.66 in | |

**METHOD OF INSTALLATION AND PURGING:**

SSPP05 was previously installed on 12/2/2017 by AARCO. The sample location was purged using a MultiRAE mulit-gas detector prior to sampling. The integrity of the seal was tested via a helium tracer test. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| | |
|---|---|
| **TUBING TYPE/DIAMETER:** 1/4-Inch Teflon-lined Polyethylene Tubing | **TYPE OF MATERIAL ABOVE SEAL:** None |
| **IMPLANT SCREEN TYPE/LENGTH/DIAMETER:** 2-Inch Polyethylene Probe | **SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite |
| **BOREHOLE DIAMETER:** 3/4-inch | **FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand |

| | | |
|---|---|---|
| **PURGE VOLUME (L):** | 1.00 | |
| **PURGE FLOW RATE (ML/MIN):** | 200 | |
| **PID AFTER PURGE (PPM):** | 0.3 | |
| **HELIUM TESTS** | Pre-sampling | Post-sampling |
| **HELIUM TEST IN BUCKET(%):** | 26.4% | 26.1% |
| **HELIUM TEST IN TUBE (PPM):** | 0 | 0 |
| **SAMPLE START TIME:** | 11:51 | |
| **SAMPLE STOP TIME:** | 19:51 | |
| **TOTAL SAMPLE TIME (MIN):** | 480 | |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 | |
| **VOLUME OF SAMPLE (LITERS):** | 6 | |
| **PID AFTER SAMPLE (PPM):** | 0.0 | |
| **SAMPLE MOISTURE CONTENT:** | N/A | |
| **CAN SERIAL NUMBER:** | 36993 | |
| **REGULATOR SERIAL NUMBER:** | 19400 | |
| **CAN START VACUUM PRESS. (" HG):** | -31.00 | |
| **CAN STOP VACUUM PRESS. (" HG):** | -5 | |

| **IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)** | **DEPTH (FEET FROM SURFACE)** | **NOTES** |
|---|---|---|
| SURFACE | | |
| **Top of Seal** | 0.5 | |
| **Top of Pack** | 0.6 | |
| **Tube Depth** | 1 | |
| SURFACE | | |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

## NOTES

1) Colocated with IA05
2) Differential Pressure Reading: 0.002 in$H_2O$

# AIR SAMPLING LOG SHEET

Sample Number: C241175_IA01_121423

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 12/14/2023 | **DATE FINISHED:** 12/14/2023 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 31-40°F<br>Wind: WNW 6-12 mph<br>Precipitation: None<br>Pressure: 30.50-30.66 in | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MultiRAE multi-gas detector prior to sampling. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| SAMPLE DETAILS | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 4 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 11:47 |
| **SAMPLE STOP TIME:** | 19:47 |
| **TOTAL SAMPLE TIME (MIN):** | 480 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | N/A |
| **CAN SERIAL NUMBER:** | 42989 |
| **REGULATOR SERIAL NUMBER:** | 19410 |
| **CAN START VACUUM PRESS. (" HG):** | -30 |
| **CAN STOP VACUUM PRESS. (" HG):** | -8 |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

## NOTES

1) Colocated with SSPP01

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## AIR SAMPLING LOG SHEET

Sample Number: C241175_IA02_121423

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 12/14/2023 | **DATE FINISHED:** 12/14/2023 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 31-40°F<br>Wind: WNW 6-12 mph<br>Precipitation: None<br>Pressure: 30.50-30.66 in | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MultiRAE multi-gas detector prior to sampling. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| SAMPLE DETAILS | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 4 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 11:51 |
| **SAMPLE STOP TIME:** | 19:51 |
| **TOTAL SAMPLE TIME (MIN):** | 480 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.01250 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | N/A |
| **CAN SERIAL NUMBER:** | 15524 |
| **REGULATOR SERIAL NUMBER:** | 19392 |
| **CAN START VACUUM PRESS. (" HG):** | -30.5 |
| **CAN STOP VACUUM PRESS. (" HG):** | -4.5 |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

**NOTES**

1) Colocated with SSPP02

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# AIR SAMPLING LOG SHEET

Sample Number: C241175_IA03_121423

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 12/14/2023 | **DATE FINISHED:** 12/14/2023 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 31-40°F<br>Wind: WNW 6-12 mph<br>Precipitation: None<br>Pressure: 30.50-30.66 in | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MultiRAE multi-gas detector prior to sampling. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

## SAMPLE DETAILS

| | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 4 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 11:41 |
| **SAMPLE STOP TIME:** | 19:41 |
| **TOTAL SAMPLE TIME (MIN):** | 480 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | N/A |
| **CAN SERIAL NUMBER:** | 24117 |
| **REGULATOR SERIAL NUMBER:** | 6869 |
| **CAN START VACUUM PRESS. (" HG):** | -33 |
| **CAN STOP VACUUM PRESS. (" HG):** | -10.5 |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

## NOTES

1) Colocated with SSPP03

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# AIR SAMPLING LOG SHEET

Sample Number: C241175_IA04_121423

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 12/14/2023 | **DATE FINISHED:** 12/14/2023 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 31-40°F<br>Wind: WNW 6-12 mph<br>Precipitation: None<br>Pressure: 30.50-30.66 in | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MultiRAE multi-gas detector prior to sampling. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

## SAMPLE DETAILS

| | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 4 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 11:45 |
| **SAMPLE STOP TIME:** | 19:45 |
| **TOTAL SAMPLE TIME (MIN):** | 480 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | N/A |
| **CAN SERIAL NUMBER:** | 48304 |
| **REGULATOR SERIAL NUMBER:** | 19414 |
| **CAN START VACUUM PRESS. (" HG):** | -32.00 |
| **CAN STOP VACUUM PRESS. (" HG):** | -11 |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

## NOTES

1) Colocated with SSPP04

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# AIR SAMPLING LOG SHEET

Sample Number: C241175_IA05_121423

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 12/14/2023 | **DATE FINISHED:** 12/14/2023 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 31-40°F<br>Wind: WNW 6-12 mph<br>Precipitation: None<br>Pressure: 30.50-30.66 in | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MultiRAE multi-gas detector prior to sampling. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| SAMPLE DETAILS | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 4 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 11:49 |
| **SAMPLE STOP TIME:** | 19:19 |
| **TOTAL SAMPLE TIME (MIN):** | 450 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | N/A |
| **CAN SERIAL NUMBER:** | 37807 |
| **REGULATOR SERIAL NUMBER:** | 19382 |
| **CAN START VACUUM PRESS. (" HG):** | -28 |
| **CAN STOP VACUUM PRESS. (" HG):** | -5 |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

## NOTES

1) Colocated with SSPP05
2) Regulator reading did not work

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## AIR SAMPLING LOG SHEET

Sample Number: C241175_IA06_121423

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 12/14/2023 | **DATE FINISHED:** 12/14/2023 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 31-40°F<br>Wind: WNW 6-12 mph<br>Precipitation: None<br>Pressure: 30.50-30.66 in | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MultiRAE multi-gas detector prior to sampling. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| SAMPLE DETAILS | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 4 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 11:43 |
| **SAMPLE STOP TIME:** | 19:43 |
| **TOTAL SAMPLE TIME (MIN):** | 480 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | N/A |
| **CAN SERIAL NUMBER:** | 18317 |
| **REGULATOR SERIAL NUMBER:** | 16420 |
| **CAN START VACUUM PRESS. (" HG):** | -32 |
| **CAN STOP VACUUM PRESS. (" HG):** | -7 |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

**NOTES**

1) Colocated with SSV04

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## AIR SAMPLING LOG SHEET

Sample Number: C241175_AA02_121423

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 12/14/2023 | **DATE FINISHED:** 12/14/2023 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 31-40°F<br>Wind: WNW 6-12 mph<br>Precipitation: None<br>Pressure: 30.50-30.66 in | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MultiRAE mulit-gas detector prior to sampling. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| SAMPLE DETAILS | | SAMPLE LOCATION SKETCH |
|---|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 4 | **See Sample Location Plan** |
| **PID BEFORE SAMPLE (PPM):** | 0.0 | |
| **SAMPLE START TIME:** | 12:00 | |
| **SAMPLE STOP TIME:** | 20:00 | |
| **TOTAL SAMPLE TIME (MIN):** | 480 | |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 | |
| **VOLUME OF SAMPLE (LITERS):** | 6 | |
| **PID AFTER SAMPLE (PPM):** | 0.0 | |
| **SAMPLE MOISTURE CONTENT:** | N/A | |
| **CAN SERIAL NUMBER:** | 28309 | |
| **REGULATOR SERIAL NUMBER:** | 5706 | |
| **CAN START VACUUM PRESS. (" HG):** | -32 | |
| **CAN STOP VACUUM PRESS. (" HG):** | -6 | |

**NOTES**

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## SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET

Sample Number: C241175_SSV08_080724

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 4 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **DRILLING FIRM OR LANGAN INSTALLER:** AARCO Environmental Services Corp. | **INSTALLATION DATE STARTED:** 7/31/2022 | **DATE FINISHED:** 7/31/2022 |
| **INSTALLATION FOREMAN:** CJ Blumberg | **SAMPLE DATE STARTED:** 8/6/2024 | **DATE FINISHED:** 8/7/2024 |
| **INSTALLATION EQUIPMENT:** Jackhammer with Macrocore Attachment | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **INSPECTOR:** Roswell Lo | **SAMPLER:** Roswell Lo | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 68 - 93 °F<br>Wind: S 10 mph<br>Precipitation: 2.17 in<br>Pressure: 29.85 -29.95 in | |

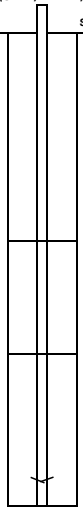
**METHOD OF INSTALLATION AND PURGING:**

SSV08 was previously installed on 7/31/2020 by AARCO. The sample location was purged using a MultiRAE mulit-gas detector prior to sampling. The integrity of the seal was tested via a helium tracer test. The sample consisted of 6L summa canister fitted with an 24-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 24-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| | |
|---|---|
| **TUBING TYPE/DIAMETER:** 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing | **TYPE OF MATERIAL ABOVE SEAL:** N/A |
| **IMPLANT SCREEN TYPE/LENGTH/DIAMETER:** None | **SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite |
| **BOREHOLE DIAMETER:** 2-inch | **FILTER PACK MATERIAL (Sand or Glass Beads):** Sand |

| | | |
|---|---|---|
| **PURGE VOLUME (L):** | 1.00 | |
| **PURGE FLOW RATE (ML/MIN):** | 200 | |
| **PID AFTER PURGE (PPM):** | 0.0 | |
| **HELIUM TESTS** | Pre-sampling | Post-sampling |
| **HELIUM TEST IN BUCKET(%):** | 26.4% | 23.9% |
| **HELIUM TEST IN TUBE (PPM):** | 0 | 0 |
| **SAMPLE START TIME:** | 12:40 | |
| **SAMPLE STOP TIME:** | 12:40 | |
| **TOTAL SAMPLE TIME (MIN):** | 1440 | |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 | |
| **VOLUME OF SAMPLE (LITERS):** | 6 | |
| **PID AFTER SAMPLE (PPM):** | 0 | |
| **SAMPLE MOISTURE CONTENT:** | N/A | |
| **CAN SERIAL NUMBER:** | 23802 | |
| **REGULATOR SERIAL NUMBER:** | 20418 | |
| **CAN START VACUUM PRESS. (" HG):** | -30 | |
| **CAN STOP VACUUM PRESS. (" HG):** | -13 | |

**IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)**




| | **DEPTH (INCHES FROM SURFACE)** | **NOTES** |
|---|---|---|
| **Top of Seal** | 0 | |
| **Top of Pack** | 1 | |
| **Tube Depth** | 6 | |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

**NOTES**

1) Colocated with C241175_IA01_121423
2) Differental Pressure pre-sample: 0.000 (inH2O)

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## AIR SAMPLING LOG SHEET

Sample Number: C241175_IA01_080724

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 4 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 8/6/2024 | **DATE FINISHED:** 8/7/2024 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 68 - 93 °F<br>Wind: S 10 mph<br>Precipitation: 2.17 in<br>Pressure: 29.85 - 29.95 in | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MultiRAE multi-gas detector prior to sampling. The sample consisted of 6L summa canister fitted with an 24-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 24-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

### SAMPLE DETAILS

| | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 4 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 12:40 |
| **SAMPLE STOP TIME:** | 12:40 |
| **TOTAL SAMPLE TIME (MIN):** | 1440 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 |
| **VOLUME OF SAMPLE (LITERS):** | 6.00 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | N/A |
| **CAN SERIAL NUMBER:** | 48298 |
| **REGULATOR SERIAL NUMBER:** | 20416 |
| **CAN START VACUUM PRESS. (" HG):** | -29 |
| **CAN STOP VACUUM PRESS. (" HG):** | -7 |

### SAMPLE LOCATION SKETCH

**See Sample Location Plan**

### NOTES

1) Colocated with C241175_SSV08_121523

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## AIR SAMPLING LOG SHEET

Sample Number: C241175_AA01_080724

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 4 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 8/6/2024 | **DATE FINISHED:** 8/7/2024 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 68 - 93 °F<br>Wind: S 10 mph<br>Precipitation: 2.17 in<br>Pressure: 29.85 - 29.95 in | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MultiRAE multi-gas detector prior to sampling. The sample consisted of 6L summa canister fitted with an 24-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 24-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| SAMPLE DETAILS | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 4 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 11:52 |
| **SAMPLE STOP TIME:** | 11:52 |
| **TOTAL SAMPLE TIME (MIN):** | 1440 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | N/A |
| **CAN SERIAL NUMBER:** | 23802 |
| **REGULATOR SERIAL NUMBER:** | 20418 |
| **CAN START VACUUM PRESS. (" HG):** | -32 |
| **CAN STOP VACUUM PRESS. (" HG):** | -5 |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

**NOTES**

None

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## SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET

Sample Number: C241175_SSV04_080624

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **DRILLING FIRM OR LANGAN INSTALLER:** AARCO Environmental Services Corp. | **INSTALLATION DATE STARTED:** 1/24/2019 | **DATE FINISHED:** 1/24/2019 |
| **INSTALLATION FOREMAN:** Adam Hutchinson | **SAMPLE DATE STARTED:** 8/6/2024 | **DATE FINISHED:** 8/6/2024 |
| **INSTALLATION EQUIPMENT:** Bosch Hammer Drill | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **INSPECTOR:** Roswell Lo | **SAMPLER:** Roswell Lo | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 77-92 F<br>Wind: 3-12 MPH S<br>Precipitation: .1 in<br>Pressure: 29.84-29.91 | |

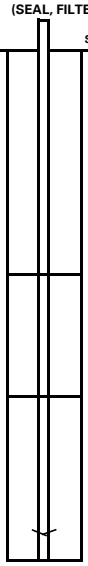
**METHOD OF INSTALLATION AND PURGING:**

SSV04 was previously installed on 1/24/2019 by AARCO. The sample location was purged using a MultiRAE mulit-gas detector prior to sampling. The integrity of the seal was tested via a helium tracer test. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| | |
|---|---|
| **TUBING TYPE/DIAMETER:** 1/4-Inch Teflon-lined Polyethylene Tubing | **TYPE OF MATERIAL ABOVE SEAL:** None |
| **IMPLANT SCREEN TYPE/LENGTH/DIAMETER:** 2-Inch Polyethylene Probe | **SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite |
| **BOREHOLE DIAMETER:** 3/4-inch | **FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand |

| | | |
|---|---|---|
| **PURGE VOLUME (L):** | 1.00 | |
| **PURGE FLOW RATE (ML/MIN):** | 200 | |
| **PID AFTER PURGE (PPM):** | 0.1 | |
| **HELIUM TESTS** | Pre-sampling | Post-sampling |
| **HELIUM TEST IN BUCKET(%):** | 25.2% | 26.3% |
| **HELIUM TEST IN TUBE (PPM):** | 0 | 0 |
| **SAMPLE START TIME:** | 9:13 | |
| **SAMPLE STOP TIME:** | 16:26 | |
| **TOTAL SAMPLE TIME (MIN):** | 433 | |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 | |
| **VOLUME OF SAMPLE (LITERS):** | 6 | |
| **PID AFTER SAMPLE (PPM):** | 0.0 | |
| **SAMPLE MOISTURE CONTENT:** | N/A | |
| **CAN SERIAL NUMBER:** | 43000 | |
| **REGULATOR SERIAL NUMBER:** | 19425 | |
| **CAN START VACUUM PRESS. (" HG):** | -30 | |
| **CAN STOP VACUUM PRESS. (" HG):** | -9 | |

**IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)**




| | DEPTH (FEET FROM SURFACE) | NOTES |
|---|---|---|
| **Top of Seal** | 0.5 | |
| **Top of Pack** | 0.6 | |
| **Tube Depth** | 0.83 | |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

**NOTES**

1) Colocated with IA06
2) Differential Pressure Reading: 0.002 in$H_2O$

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# SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET

Sample Number: C241175_SSPP01_080624

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **DRILLING FIRM OR LANGAN INSTALLER:** AARCO Environmental Services Corp. | **INSTALLATION DATE STARTED:** 12/2/2017 | **DATE FINISHED:** 12/2/2017 |
| **INSTALLATION FOREMAN:** Adam Hutchinson | **SAMPLE DATE STARTED:** 8/6/2024 | **DATE FINISHED:** 8/6/2024 |
| **INSTALLATION EQUIPMENT:** Bosch Hammer Drill | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **INSPECTOR:** Roswell Lo | **SAMPLER:** Roswell Lo | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 77-92 F<br>Wind: 3-12 MPH S<br>Precipitation: .1 in<br>Pressure: 29.84-29.91 | |

**METHOD OF INSTALLATION AND PURGING:**

SSPP01 was previously installed on 12/2/2017 by AARCO. The sample location was purged using a MultiRAE mulit-gas detector prior to sampling. The integrity of the seal was tested via a helium tracer test. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| | |
|---|---|
| **TUBING TYPE/DIAMETER:** 1/4-Inch Teflon-lined Polyethylene Tubing | **TYPE OF MATERIAL ABOVE SEAL:** None |
| **IMPLANT SCREEN TYPE/LENGTH/DIAMETER:** 2-Inch Polyethylene Probe | **SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite |
| **BOREHOLE DIAMETER:** 3/4-inch | **FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand |

| | | |
|---|---|---|
| **PURGE VOLUME (L):** | 1.00 | |
| **PURGE FLOW RATE (ML/MIN):** | 200 | |
| **PID AFTER PURGE (PPM):** | 0.0 | |
| **HELIUM TESTS** | Pre-sampling | Post-sampling |
| **HELIUM TEST IN BUCKET(%):** | 23.4% | 25.5% |
| **HELIUM TEST IN TUBE (PPM):** | 0 | 0 |
| **SAMPLE START TIME:** | 9:16 | |
| **SAMPLE STOP TIME:** | 14:10 | |
| **TOTAL SAMPLE TIME (MIN):** | 294 | |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 | |
| **VOLUME OF SAMPLE (LITERS):** | 6 | |
| **PID AFTER SAMPLE (PPM):** | 0.0 | |
| **SAMPLE MOISTURE CONTENT:** | N/A | |
| **CAN SERIAL NUMBER:** | 17348 | |
| **REGULATOR SERIAL NUMBER:** | 19416 | |
| **CAN START VACUUM PRESS. (" HG):** | -30 | |
| **CAN STOP VACUUM PRESS. (" HG):** | -6 | |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

| IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.) | DEPTH (FEET FROM SURFACE) | NOTES |
|---|---|---|
| SURFACE | | |
| **Top of Seal** | 0.5 | |
| **Top of Pack** | 0.7 | |
| **Tube Depth** | 1 | |

## NOTES

1) Colocated with IA02
2) Differential Pressure Reading: 0.003 in$H_2O$

**Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.**
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

# SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET

Sample Number: C241175_SSPP02_080624

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **DRILLING FIRM OR LANGAN INSTALLER:** AARCO Environmental Services Corp. | **INSTALLATION DATE STARTED:** 12/2/2017 | **DATE FINISHED:** 12/2/2017 |
| **INSTALLATION FOREMAN:** Adam Hutchinson | **SAMPLE DATE STARTED:** 8/6/2024 | **DATE FINISHED:** 8/6/2024 |
| **INSTALLATION EQUIPMENT:** Bosch Hammer Drill | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **INSPECTOR:** Roswell Lo | **SAMPLER:** Roswell Lo | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 77-92 F<br>Wind: 3-12 MPH S<br>Precipitation: .1 in<br>Pressure: 29.84-29.91 | |

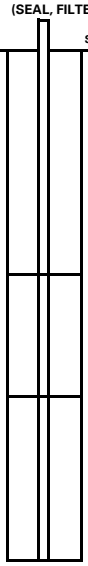
**METHOD OF INSTALLATION AND PURGING:**

SSPP02 was previously installed on 12/2/2017 by AARCO. The sample location was purged using a MultiRAE mulit-gas detector prior to sampling. The integrity of the seal was tested via a helium tracer test. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| | |
|---|---|
| **TUBING TYPE/DIAMETER:** 1/4-Inch Teflon-lined Polyethylene Tubing | **TYPE OF MATERIAL ABOVE SEAL:** None |
| **IMPLANT SCREEN TYPE/LENGTH/DIAMETER:** 2-Inch Polyethylene Probe | **SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite |
| **BOREHOLE DIAMETER:** 3/4-inch | **FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand |

| | | |
|---|---|---|
| **PURGE VOLUME (L):** | 1.00 | |
| **PURGE FLOW RATE (ML/MIN):** | 200 | |
| **PID AFTER PURGE (PPM):** | 0.0 | |
| **HELIUM TESTS** | Pre-sampling | Post-sampling |
| **HELIUM TEST IN BUCKET(%):** | 26.3% | 26.9% |
| **HELIUM TEST IN TUBE (PPM):** | 0 | 0 |
| **SAMPLE START TIME:** | 9:20 | |
| **SAMPLE STOP TIME:** | 16:30 | |
| **TOTAL SAMPLE TIME (MIN):** | 430 | |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 | |
| **VOLUME OF SAMPLE (LITERS):** | 6 | |
| **PID AFTER SAMPLE (PPM):** | 0.0 | |
| **SAMPLE MOISTURE CONTENT:** | N/A | |
| **CAN SERIAL NUMBER:** | 18309 | |
| **REGULATOR SERIAL NUMBER:** | 17899 | |
| **CAN START VACUUM PRESS. (" HG):** | -29 | |
| **CAN STOP VACUUM PRESS. (" HG):** | -8 | |

**IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)**




| | DEPTH (FEET FROM SURFACE) | NOTES |
|---|---|---|
| **Top of Seal** | 0.5 | |
| **Top of Pack** | 0.6 | |
| **Tube Depth** | 1 | |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

## NOTES

1) Colocated with IA02
2) Differential Pressure Reading: 0.005 in$H_2O$

**Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.**
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# SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET

Sample Number: C241175_SSPP03_080624

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **DRILLING FIRM OR LANGAN INSTALLER:** AARCO Environmental Services Corp. | **INSTALLATION DATE STARTED:** 12/2/2017 | **DATE FINISHED:** 12/2/2017 |
| **INSTALLATION FOREMAN:** Adam Hutchinson | **SAMPLE DATE STARTED:** 8/6/2024 | **DATE FINISHED:** 8/6/2024 |
| **INSTALLATION EQUIPMENT:** Bosch Hammer Drill | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **INSPECTOR:** Roswell Lo | **SAMPLER:** Roswell Lo | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 77-92 F<br>Wind: 3-12 MPH S<br>Precipitation: .1 in<br>Pressure: 29.84-29.91 | |

**METHOD OF INSTALLATION AND PURGING:**

SSPP03 was previously installed on 12/2/2017 by AARCO. The sample location was purged using a MultiRAE mulit-gas detector prior to sampling. The integrity of the seal was tested via a helium tracer test. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| | |
|---|---|
| **TUBING TYPE/DIAMETER:** 1/4-Inch Teflon-lined Polyethylene Tubing | **TYPE OF MATERIAL ABOVE SEAL:** None |
| **IMPLANT SCREEN TYPE/LENGTH/DIAMETER:** 2-Inch Polyethylene Probe | **SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite |
| **BOREHOLE DIAMETER:** 3/4-inch | **FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand |

| | | |
|---|---|---|
| **PURGE VOLUME (L):** | 1.00 | |
| **PURGE FLOW RATE (ML/MIN):** | 200 | |
| **PID AFTER PURGE (PPM):** | 1.4 | |
| **HELIUM TESTS** | Pre-sampling | Post-sampling |
| **HELIUM TEST IN BUCKET(%):** | 24.0% | 27.2% |
| **HELIUM TEST IN TUBE (PPM):** | 0 | 0 |
| **SAMPLE START TIME:** | 9:10 | |
| **SAMPLE STOP TIME:** | 16:04 | |
| **TOTAL SAMPLE TIME (MIN):** | 414 | |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 | |
| **VOLUME OF SAMPLE (LITERS):** | 6 | |
| **PID AFTER SAMPLE (PPM):** | 1.0 | |
| **SAMPLE MOISTURE CONTENT:** | N/A | |
| **CAN SERIAL NUMBER:** | 16975 | |
| **REGULATOR SERIAL NUMBER:** | 7094 | |
| **CAN START VACUUM PRESS. (" HG):** | -30 | |
| **CAN STOP VACUUM PRESS. (" HG):** | -9 | |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

| IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.) | DEPTH (FEET FROM SURFACE) | NOTES |
|---|---|---|
| SURFACE | | |
| **Top of Seal** | 0.5 | |
| **Top of Pack** | 0.6 | |
| **Tube Depth** | 1 | |

## NOTES

1) Colocated with IA03
2) Differential Pressure Reading: 0.000 in$H_2O$

**Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.**
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## SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET

Sample Number: C241175_SSPP04_080624

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **DRILLING FIRM OR LANGAN INSTALLER:** AARCO Environmental Services Corp. | **INSTALLATION DATE STARTED:** 12/2/2017 | **DATE FINISHED:** 12/2/2017 |
| **INSTALLATION FOREMAN:** Adam Hutchinson | **SAMPLE DATE STARTED:** 8/6/2024 | **DATE FINISHED:** 8/6/2024 |
| **INSTALLATION EQUIPMENT:** Bosch Hammer Drill | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **INSPECTOR:** Roswell Lo | **SAMPLER:** Roswell Lo | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 77-92 F<br>Wind: 3-12 MPH S<br>Precipitation: .1 in<br>Pressure: 29.84-29.91 | |

**METHOD OF INSTALLATION AND PURGING:**

SSPP04 was previously installed on 12/2/2017 by AARCO. The sample location was purged using a MultiRAE mulit-gas detector prior to sampling. The integrity of the seal was tested via a helium tracer test. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| | |
|---|---|
| **TUBING TYPE/DIAMETER:** 1/4-Inch Teflon-lined Polyethylene Tubing | **TYPE OF MATERIAL ABOVE SEAL:** None |
| **IMPLANT SCREEN TYPE/LENGTH/DIAMETER:** 2-Inch Polyethylene Probe | **SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite |
| **BOREHOLE DIAMETER:** 3/4-inch | **FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand |

| | | |
|---|---|---|
| **PURGE VOLUME (L):** | 1.00 | |
| **PURGE FLOW RATE (ML/MIN):** | 200 | |
| **PID AFTER PURGE (PPM):** | 0.2 | |
| **HELIUM TESTS** | Pre-sampling | Post-sampling |
| **HELIUM TEST IN BUCKET(%):** | 26.1% | 25.8% |
| **HELIUM TEST IN TUBE (PPM):** | 0 | 0 |
| **SAMPLE START TIME:** | 9:18 | |
| **SAMPLE STOP TIME:** | 17:11 | |
| **TOTAL SAMPLE TIME (MIN):** | 473 | |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 | |
| **VOLUME OF SAMPLE (LITERS):** | 6 | |
| **PID AFTER SAMPLE (PPM):** | 0.0 | |
| **SAMPLE MOISTURE CONTENT:** | N/A | |
| **CAN SERIAL NUMBER:** | 23195 | |
| **REGULATOR SERIAL NUMBER:** | 17179 | |
| **CAN START VACUUM PRESS. (" HG):** | -32 | |
| **CAN STOP VACUUM PRESS. (" HG):** | -10 | |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

| IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.) | DEPTH (FEET FROM SURFACE) | NOTES |
|---|---|---|
| SURFACE / SURFACE | | |
| **Top of Seal** | 0.5 | |
| **Top of Pack** | 0.6 | |
| **Tube Depth** | 1 | |

**NOTES**

1) Colocated with IA04
2) Differential Pressure Reading: 0.002 in$H_2O$

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# SUB-SLAB SOIL VAPOR SAMPLING LOG SHEET

Sample Number: C241175_SSPP05_080624

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **DRILLING FIRM OR LANGAN INSTALLER:** AARCO Environmental Services Corp. | **INSTALLATION DATE STARTED:** 12/2/2017 | **DATE FINISHED:** 12/2/2017 |
| **INSTALLATION FOREMAN:** Adam Hutchinson | **SAMPLE DATE STARTED:** 8/6/2024 | **DATE FINISHED:** 8/6/2024 |
| **INSTALLATION EQUIPMENT:** Bosch Hammer Drill | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **INSPECTOR:** Roswell Lo | **SAMPLER:** Roswell Lo | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 77-92 F<br>Wind: 3-12 MPH S<br>Precipitation: 0.1 in<br>Pressure: 29.84-29.91 | |

**METHOD OF INSTALLATION AND PURGING:**

SSPP05 was previously installed on 12/2/2017 by AARCO. The sample location was purged using a MultiRAE mulit-gas detector prior to sampling. The integrity of the seal was tested via a helium tracer test. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| | |
|---|---|
| **TUBING TYPE/DIAMETER:** 1/4-Inch Teflon-lined Polyethylene Tubing | **TYPE OF MATERIAL ABOVE SEAL:** None |
| **IMPLANT SCREEN TYPE/LENGTH/DIAMETER:** 2-Inch Polyethylene Probe | **SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite |
| **BOREHOLE DIAMETER:** 3/4-inch | **FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand |

| | | |
|---|---|---|
| **PURGE VOLUME (L):** | 1.00 | |
| **PURGE FLOW RATE (ML/MIN):** | 200 | |
| **PID AFTER PURGE (PPM):** | 0.3 | |
| **HELIUM TESTS** | Pre-sampling | Post-sampling |
| **HELIUM TEST IN BUCKET(%):** | 23.9% | 24.9% |
| **HELIUM TEST IN TUBE (PPM):** | 0 | 0 |
| **SAMPLE START TIME:** | 9:24 | |
| **SAMPLE STOP TIME:** | 16:34 | |
| **TOTAL SAMPLE TIME (MIN):** | 430 | |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 | |
| **VOLUME OF SAMPLE (LITERS):** | 6 | |
| **PID AFTER SAMPLE (PPM):** | 0.0 | |
| **SAMPLE MOISTURE CONTENT:** | N/A | |
| **CAN SERIAL NUMBER:** | 48319 | |
| **REGULATOR SERIAL NUMBER:** | 19385 | |
| **CAN START VACUUM PRESS. (" HG):** | -32.00 | |
| **CAN STOP VACUUM PRESS. (" HG):** | -10 | |

## SAMPLE LOCATION SKETCH

**See Sample Location Plan**

| IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.) | DEPTH (FEET FROM SURFACE) | NOTES |
|---|---|---|
| **Top of Seal** | 0.5 | |
| **Top of Pack** | 0.6 | |
| **Tube Depth** | 1 | |

## NOTES

1) Colocated with IA05
2) Differential Pressure Reading: 0.002 in$H_2O$

**Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.**
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

# AIR SAMPLING LOG SHEET

Sample Number: C241175_IA01_080624

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 8/6/2024 | **DATE FINISHED:** 8/6/2024 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 77-92 F<br>Wind: 3-12 MPH S<br>Precipitation: 0.1 in<br>Pressure: 29.84-29.91 | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MultiRAE multi-gas detector prior to sampling. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| SAMPLE DETAILS | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 4 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 9:15 |
| **SAMPLE STOP TIME:** | 17:16 |
| **TOTAL SAMPLE TIME (MIN):** | 481 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | N/A |
| **CAN SERIAL NUMBER:** | 49569 |
| **REGULATOR SERIAL NUMBER:** | 20438 |
| **CAN START VACUUM PRESS. (" HG):** | -31 |
| **CAN STOP VACUUM PRESS. (" HG):** | -8 |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

## NOTES

1) Colocated with SSPP01

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# AIR SAMPLING LOG SHEET

Sample Number: C241175_IA02_080624

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 8/6/2024 | **DATE FINISHED:** 8/6/2024 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 77-92 F<br>Wind: 3-12 MPH S<br>Precipitation: 0.1 in<br>Pressure: 29.84-29.91 | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MultiRAE multi-gas detector prior to sampling. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| SAMPLE DETAILS | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 4 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 9:19 |
| **SAMPLE STOP TIME:** | 17:18 |
| **TOTAL SAMPLE TIME (MIN):** | 479 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.01250 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | N/A |
| **CAN SERIAL NUMBER:** | 36997 |
| **REGULATOR SERIAL NUMBER:** | 17985 |
| **CAN START VACUUM PRESS. (" HG):** | -32 |
| **CAN STOP VACUUM PRESS. (" HG):** | -8 |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

## NOTES

1) Colocated with SSPP02

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21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

## AIR SAMPLING LOG SHEET

Sample Number: C241175_IA03_080624

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 8/6/2024 | **DATE FINISHED:** 8/6/2024 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 77-92 F<br>Wind: 3-12 MPH S<br>Precipitation: 0.1 in<br>Pressure: 29.84-29.91 | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MultiRAE multi-gas detector prior to sampling. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| SAMPLE DETAILS | | SAMPLE LOCATION SKETCH |
|---|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 4 | **See Sample Location Plan** |
| **PID BEFORE SAMPLE (PPM):** | 0.0 | |
| **SAMPLE START TIME:** | 9:08 | |
| **SAMPLE STOP TIME:** | 16:25 | |
| **TOTAL SAMPLE TIME (MIN):** | 437 | |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 | |
| **VOLUME OF SAMPLE (LITERS):** | 6 | |
| **PID AFTER SAMPLE (PPM):** | 0.0 | |
| **SAMPLE MOISTURE CONTENT:** | N/A | |
| **CAN SERIAL NUMBER:** | 17353 | |
| **REGULATOR SERIAL NUMBER:** | 19410 | |
| **CAN START VACUUM PRESS. (" HG):** | -30 | |
| **CAN STOP VACUUM PRESS. (" HG):** | -8 | |

### NOTES

1) Colocated with SSPP03

**Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.**
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

# AIR SAMPLING LOG SHEET

Sample Number: C241175_IA04_080624

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 8//6/2024 | **DATE FINISHED:** 8/6/2024 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 77-92 F<br>Wind: 3-12 MPH S<br>Precipitation: 0.1 in<br>Pressure: 29.84-29.91 | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MultiRAE multi-gas detector prior to sampling. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| SAMPLE DETAILS | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 4 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 9:17 |
| **SAMPLE STOP TIME:** | 17:00 |
| **TOTAL SAMPLE TIME (MIN):** | 463 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | N/A |
| **CAN SERIAL NUMBER:** | 15524 |
| **REGULATOR SERIAL NUMBER:** | 19426 |
| **CAN START VACUUM PRESS. (" HG):** | -30.00 |
| **CAN STOP VACUUM PRESS. (" HG):** | -8 |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

## NOTES

1) Colocated with SSPP04

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21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

# AIR SAMPLING LOG SHEET

Sample Number: C241175_IA05_080624

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 8/6/2024 | **DATE FINISHED:** 8/6/2024 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 77-92 F<br>Wind: 3-12 MPH S<br>Precipitation: 0.1 in<br>Pressure: 29.84-29.91 | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MultiRAE multi-gas detector prior to sampling. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| SAMPLE DETAILS | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 4 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 9:23 |
| **SAMPLE STOP TIME:** | 15:43 |
| **TOTAL SAMPLE TIME (MIN):** | 380 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | N/A |
| **CAN SERIAL NUMBER:** | 37805 |
| **REGULATOR SERIAL NUMBER:** | 19403 |
| **CAN START VACUUM PRESS. (" HG):** | -30 |
| **CAN STOP VACUUM PRESS. (" HG):** | -8 |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

## NOTES

1) Colocated with SSPP05
2) Regulator reading did not work

**Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.**
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

# AIR SAMPLING LOG SHEET

Sample Number: C241175_IA06_080624

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 8/6/2024 | **DATE FINISHED:** 8/6/2024 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 77-92 F<br>Wind: 3-12 MPH S<br>Precipitation: 0.1 in<br>Pressure: 29.84-29.91 | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MultiRAE multi-gas detector prior to sampling. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| SAMPLE DETAILS | |
|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 4 |
| **PID BEFORE SAMPLE (PPM):** | 0.0 |
| **SAMPLE START TIME:** | 9:12 |
| **SAMPLE STOP TIME:** | 16:00 |
| **TOTAL SAMPLE TIME (MIN):** | 408 |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 |
| **VOLUME OF SAMPLE (LITERS):** | 6 |
| **PID AFTER SAMPLE (PPM):** | 0.0 |
| **SAMPLE MOISTURE CONTENT:** | N/A |
| **CAN SERIAL NUMBER:** | 41938 |
| **REGULATOR SERIAL NUMBER:** | 20427 |
| **CAN START VACUUM PRESS. (" HG):** | -30 |
| **CAN STOP VACUUM PRESS. (" HG):** | -7 |

**SAMPLE LOCATION SKETCH**

**See Sample Location Plan**

## NOTES

1) Colocated with SSV04

**Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.**
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

# AIR SAMPLING LOG SHEET

Sample Number: C241175_AA02_080624

| | | |
|---|---|---|
| **PROJECT:** ABC Block 27 - Lot 17 | **PROJECT NO.:** 170340204 | |
| **LOCATION:** Long Island City, New York | **SURFACE ELEVATION AND DATUM:** N/A | |
| **SAMPLER:** Roswell Lo | **SAMPLE DATE STARTED:** 8/6/2024 | **DATE FINISHED:** 8/6/2024 |
| **INSPECTOR:** Roswell Lo | **TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister | |
| **POTENTIAL SAMPLE INTERFERENCES:** None | **WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 77-92 F<br>Wind: 3-12 MPH S<br>Precipitation: 0.1 in<br>Pressure: 29.84-29.91 | |

**METHOD OF INSTALLATION AND SAMPLING:**

Langan field screened the sample location with a MultiRAE mulit-gas detector prior to sampling. The sample consisted of 6L summa canister fitted with an 8-hour flow control valve. The flow controller was zeroed and valve opened to initiate the 8-hour sample collection. The sample and flow controller were checked periodically during sampling to ensure proper operation.

| SAMPLE DETAILS | | SAMPLE LOCATION SKETCH |
|---|---|---|
| **HEIGHT ABOVE GROUND (FT):** | 4 | **See Sample Location Plan** |
| **PID BEFORE SAMPLE (PPM):** | 0.0 | |
| **SAMPLE START TIME:** | 9:29 | |
| **SAMPLE STOP TIME:** | 17:04 | |
| **TOTAL SAMPLE TIME (MIN):** | 455 | |
| **REGULATOR FLOW RATE (L/MIN):** | 0.0125 | |
| **VOLUME OF SAMPLE (LITERS):** | 6 | |
| **PID AFTER SAMPLE (PPM):** | 0.0 | |
| **SAMPLE MOISTURE CONTENT:** | N/A | |
| **CAN SERIAL NUMBER:** | 36995 | |
| **REGULATOR SERIAL NUMBER:** | 19394 | |
| **CAN START VACUUM PRESS. (" HG):** | -31 | |
| **CAN STOP VACUUM PRESS. (" HG):** | -9 | |

## NOTES

**Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.**
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

**NEW YORK STATE DEPARTMENT OF HEALTH**
**INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY**
**CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Roswell Lo Date/Time Prepared 12/15/2023

Preparer's Affiliation Langan Engineering Phone No. 516-754-4599

Purpose of Investigation ABC Block 27 Lot 4 - Biannual Sub-Slab Soil Vapor and Indoor Air Sampling

**1. OCCUPANT:**

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

**2. OWNER OR LANDLORD:** (Check if same as occupant ___ )

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

**3. BUILDING CHARACTERISTICS**

**Type of Building:** (Circle appropriate response)

| | | |
|---|---|---|
| (Residential) | School | Commercial/Multi-use |
| Industrial | Church | Other: _____ |

**If the property is residential, type?** (Circle appropriate response)

| | | |
|---|---|---|
| Ranch | 2-Family | 3-Family |
| Raised Ranch | Split Level | Colonial |
| Cape Cod | Contemporary | Mobile Home |
| Duplex | (Apartment House) | Townhouses/Condos |
| Modular | Log Home | Other:_____ |

**If multiple units, how many?** 2

**If the property is commercial, type?**

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y /(N) If yes, how many? _____

**Other characteristics:**

Number of floors 2 Building age_____

Is the building insulated?(Y)/ N How air tight? Tight /(Average)/ Not Tight

## 4. AIRFLOW

**Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:**

Airflow between floors

Air flows laterally across 1st and 2nd floor through windows on the eastern and western boundaries of the site.

Airflow near source

Yes, through unsealed cellar doors.

Outdoor air infiltration

Outdoor air enters from cellar door from street, and cellar door to back yard.

Infiltration into air ducts

N/A

**5. BASEMENT AND CONSTRUCTION CHARACTERISTICS** (Circle all that apply)

| | | | | |
|---|---|---|---|---|
| **a. Above grade construction:** | (wood frame) | concrete | stone | brick |
| **b. Basement type:** | (full) | crawlspace | slab | other _____ |
| **c. Basement floor:** | (concrete) | dirt | stone | other _____ |
| **d. Basement floor:** | (uncovered) | covered | covered with _____ | |
| **e. Concrete floor:** | unsealed | (sealed) | sealed with _____ | |
| **f. Foundation walls:** | (poured) | block | stone | other _____ |
| **g. Foundation walls:** | (unsealed) | sealed | sealed with _____ | |
| **h. The basement is:** | wet | (damp) | dry | moldy |
| **i. The basement is:** | finished | (unfinished) | partially finished | |
| **j. Sump present?** | (Y)/ N | | | |
| **k. Water in sump?** | (Y)/ N / not applicable | | | |

**Basement/Lowest level depth below grade:** 6 (feet)

**Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)**

Two sump pumps fitted with covers located in the cellar. No visible cracks in the composite cover.

**6. HEATING, VENTING and AIR CONDITIONING** (Circle all that apply)

**Type of heating system(s) used in this building: (circle all that apply – note primary)**

| | | | |
|---|---|---|---|
| Hot air circulation | (Heat pump) | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

**The primary type of fuel used is**:

| | | |
|---|---|---|
| (Natural Gas) | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

**Domestic hot water tank fueled by:** _____

| | | | | |
|---|---|---|---|---|
| **Boiler/furnace located in:** | (Basement) | Outdoors | Main Floor | Other_____ |
| **Air conditioning:** | Central Air | Window units | Open Windows | (None) |

**Are there air distribution ducts present?** (Y)/ N

**Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.**

N/A

## 7. OCCUPANCY

**Is basement/lowest level occupied?** Full-time Occasionally Seldom (Almost Never)

| **Level** | **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)** |
|---|---|
| Basement | Storage |
| 1st Floor | Residential unit |
| 2nd Floor | Residential unit |
| 3rd Floor | N/A |
| 4th Floor | N/A |

## 8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

**a. Is there an attached garage?** Y /(N)

**b. Does the garage have a separate heating unit?** Y / N /(NA)

**c. Are petroleum-powered machines or vehicles stored in the garage** (e.g., lawnmower, atv, car) Y / N /(NA) Please specify_____

**d. Has the building ever had a fire?** Y /(N) When?_____

**e. Is a kerosene or unvented gas space heater present?** Y /(N) Where?_____

**f. Is there a workshop or hobby/craft area?** Y /(N) Where & Type?_____

**g. Is there smoking in the building?** Y /(N) How frequently?_____

**h. Have cleaning products been used recently?** Y / N When & Type? Unknown

**i. Have cosmetic products been used recently?** Y / N When & Type? Unknown

**j. Has painting/staining been done in the last 6 months?** Y / N Where & When? Unknown

**k. Is there new carpet, drapes or other textiles?** Y / N Where & When? Unknown

**l. Have air fresheners been used recently?** Y / N When & Type? Unknown

**m. Is there a kitchen exhaust fan?** Y / N If yes, where vented? Unknown

**n. Is there a bathroom exhaust fan?** Y / N If yes, where vented? Unknown

**o. Is there a clothes dryer?** Y / (N) If yes, is it vented outside? Y / N

**p. Has there been a pesticide application?** Y / N When & Type? Unknown

**Are there odors in the building?** Y / (N)
If yes, please describe: _____

**Do any of the building occupants use solvents at work?** Y / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? Unknown

If yes, are their clothes washed at work? Y / N

**Do any of the building occupants regularly use or work at a dry-cleaning service?** (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) No
Yes, use dry-cleaning infrequently (monthly or less) (Unknown)
Yes, work at a dry-cleaning service

**Is there a radon mitigation system for the building/structure?** Y / N Date of Installation: _____
**Is the system active or passive?** Active/Passive

**9. WATER AND SEWAGE**

**Water Supply:** (Public Water) Drilled Well Driven Well Dug Well Other: _____

**Sewage Disposal:** (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

**10. RELOCATION INFORMATION (for oil spill residential emergency)**

**a. Provide reasons why relocation is recommended:** N/A

**b. Residents choose to:** remain in home relocate to friends/family relocate to hotel/motel

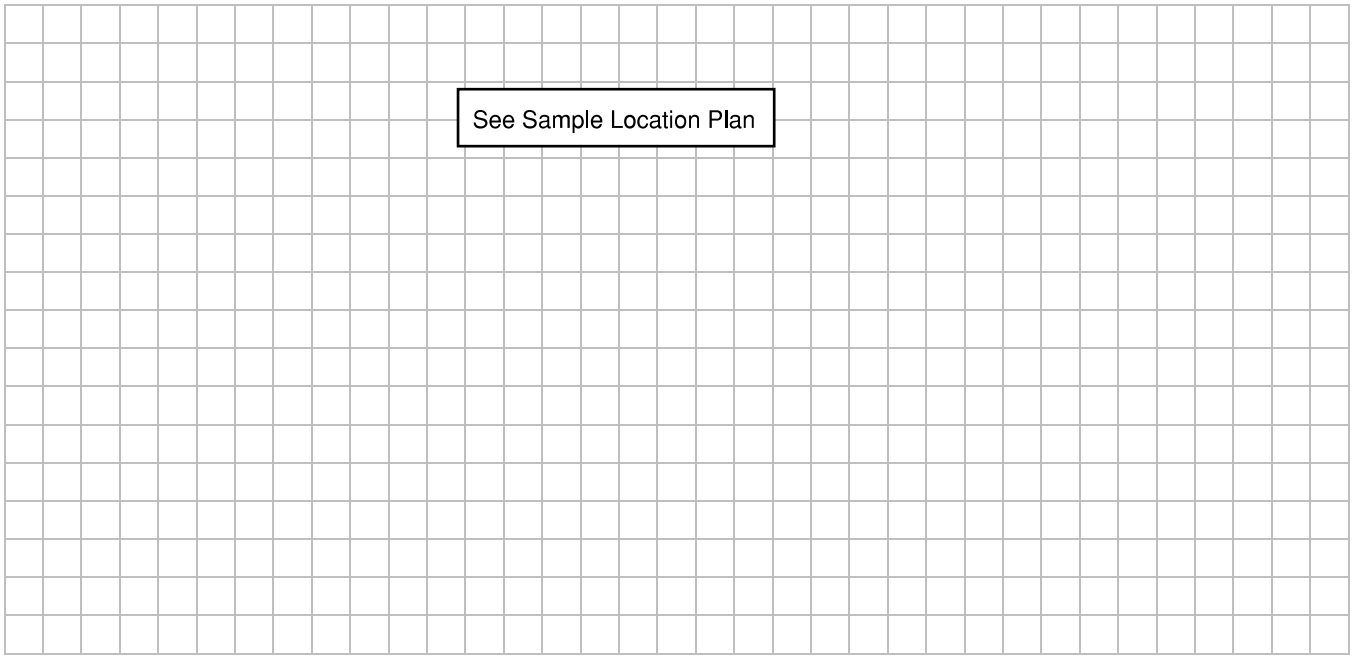
**c. Responsibility for costs associated with reimbursement explained?** Y / N

**d. Relocation package provided and explained to residents?** Y / N

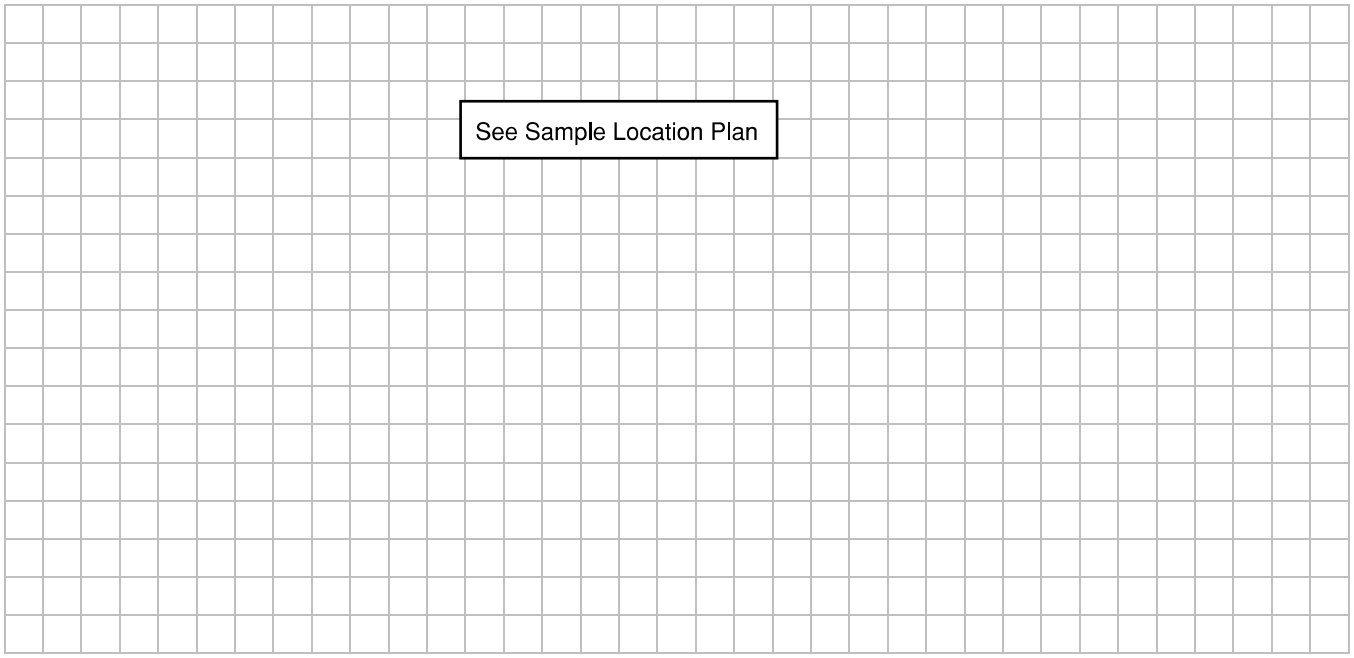
## 11. FLOOR PLANS

**Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.**

**Basement:**



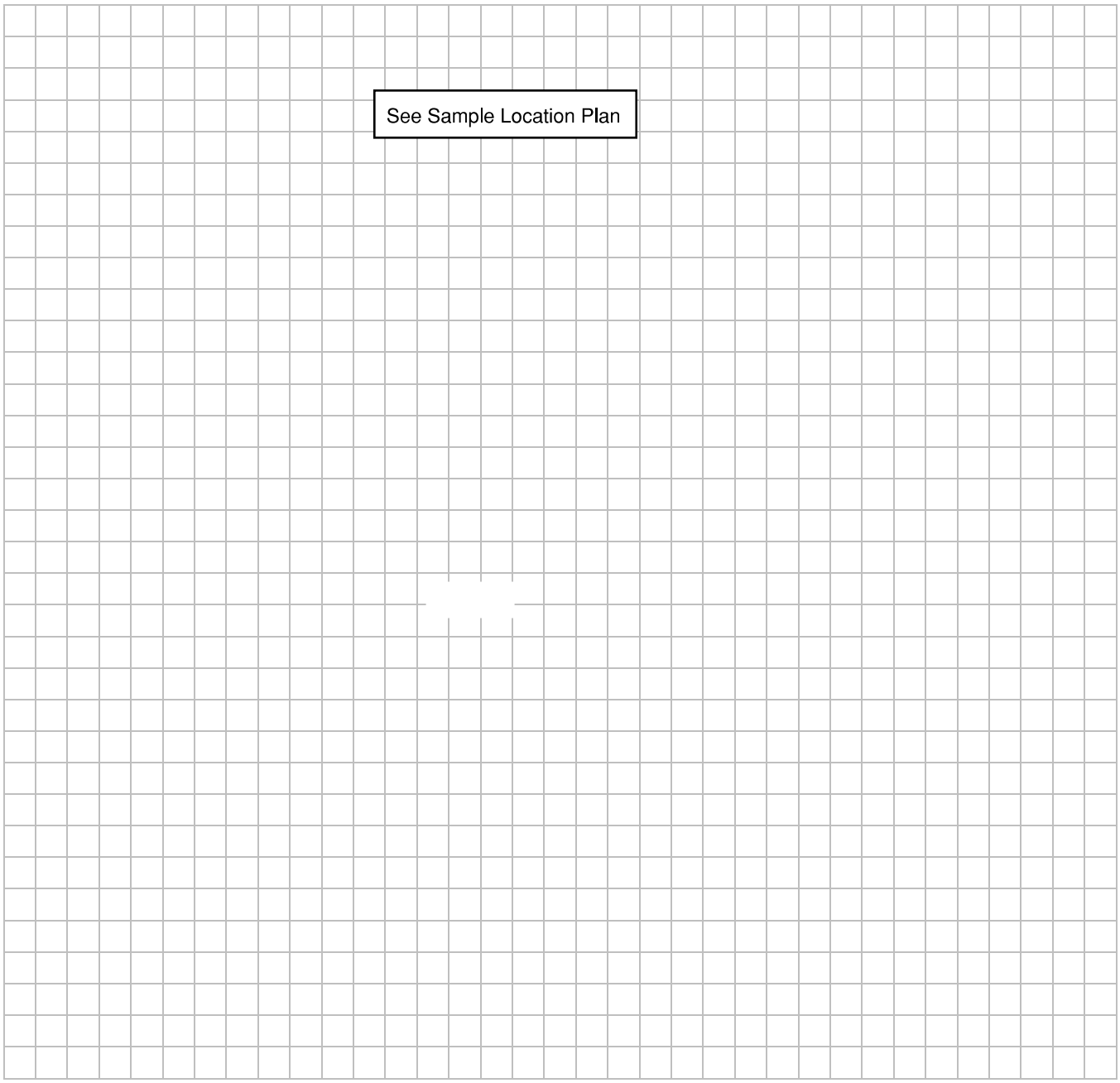

**First Floor:**



**12. OUTDOOR PLOT**

**Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.**

**Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.**



**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

**Site Name:** **ABC Block 27- Lot 4**

**Site Location:** **Long Island City, NY**

Make and model of field instrument used: MiniRAE

**Langan Project No.: 170340204**

**Date: 12/14/2023**

| Location | Product Description | Size (units) | Condition* | Chemical Ingredients/Cas number | Field Instrument Reading (ppm) | Photo Y/N |
|---|---|---|---|---|---|---|
| N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | | | | | | |
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| | | | | | | |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**NEW YORK STATE DEPARTMENT OF HEALTH**
**INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY**
**CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Roswell Lo Date/Time Prepared 12/15/2023

Preparer's Affiliation Langan Engineering Phone No. 516-754-4599

Purpose of Investigation ABC Block 27 Lot 17 - Biannual Sub-Slab Soil Vapor and Indoor Air Sampling

**1. OCCUPANT:**

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

**2. OWNER OR LANDLORD:** (Check if same as occupant ___ )

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

**3. BUILDING CHARACTERISTICS**

**Type of Building:** (Circle appropriate response)

| | | |
|---|---|---|
| Residential | School | (Commercial/Multi-use) |
| Industrial | Church | Other: _____ |

**If the property is residential, type?** (Circle appropriate response)

| | | |
|---|---|---|
| Ranch | 2-Family | 3-Family |
| Raised Ranch | Split Level | Colonial |
| Cape Cod | Contemporary | Mobile Home |
| Duplex | Apartment House | Townhouses/Condos |
| Modular | Log Home | Other: N/A |

**If multiple units, how many?** _____

**If the property is commercial, type?**

Business Type(s) Dance studio

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

**Other characteristics:**

Number of floors 2 Building age _____

Is the building insulated? Y / (N) How air tight? Tight / (Average) / Not Tight

## 4. AIRFLOW

**Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:**

Airflow between floors

Air flows up to the 2nd floor through the HVAC System and vents connecting each floor.

Airflow near source

Yes, through HVAC system.

Outdoor air infiltration

Outdoor air enters through doors, vents, and garage doors along the southern boundary of the site.

Infiltration into air ducts

Outdoor air flows into HVAC system.

**5. BASEMENT AND CONSTRUCTION CHARACTERISTICS** (Circle all that apply)

| | | | | |
|---|---|---|---|---|
| **a. Above grade construction:** | wood frame | (concrete) | stone | (brick) |
| **b. Basement type:** | full | crawlspace | slab | other N/A |
| **c. Basement floor:** | concrete | dirt | stone | other N/A |
| **d. Basement floor:** | uncovered | covered | covered with N/A | |
| **e. Concrete floor:** | unsealed | (sealed) | sealed with _____ | |
| **f. Foundation walls:** | (poured) | block | stone | other _____ |
| **g. Foundation walls:** | unsealed | (sealed) | sealed with _____ | |
| **h. The basement is:** | wet | damp | dry | moldy |
| **i. The basement is:** | finished | unfinished | partially finished | |
| **j. Sump present?** | (Y)/ N | | | |
| **k. Water in sump?** | Y /(N)/ not applicable | | | |

**Basement/Lowest level depth below grade:** 0 (feet)

**Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)**

N/A

**6. HEATING, VENTING and AIR CONDITIONING** (Circle all that apply)

**Type of heating system(s) used in this building: (circle all that apply – note primary)**

| | | | |
|---|---|---|---|
| (Hot air circulation) | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

**The primary type of fuel used is**:

| | | |
|---|---|---|
| Natural Gas | Fuel Oil | Kerosene |
| (Electric) | Propane | Solar |
| Wood | Coal | |

**Domestic hot water tank fueled by:** _____

| | | | | |
|---|---|---|---|---|
| **Boiler/furnace located in:** | Basement | Outdoors | (Main Floor) | Other_____ |
| **Air conditioning:** | (Central Air) | Window units | Open Windows | None |

**Are there air distribution ducts present?** (Y) / N

**Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.**

Duct work on the ceiling of first floor.

## 7. OCCUPANCY

**Is basement/lowest level occupied?** Full-time Occasionally Seldom (Almost Never)

| **Level** | **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)** |
|---|---|
| Basement | N/A |
| 1st Floor | Dance Studio |
| 2nd Floor | Vacant |
| 3rd Floor | N/A |
| 4th Floor | N/A |

## 8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

**a. Is there an attached garage?** Y / (N)

**b. Does the garage have a separate heating unit?** Y / N / (NA)

**c. Are petroleum-powered machines or vehicles stored in the garage** (e.g., lawnmower, atv, car) Y / N / (NA) Please specify_____

**d. Has the building ever had a fire?** Y / (N) When?_____

**e. Is a kerosene or unvented gas space heater present?** Y / (N) Where?_____

**f. Is there a workshop or hobby/craft area?** Y / (N) Where & Type?_____

**g. Is there smoking in the building?** Y / (N) How frequently?_____

**h. Have cleaning products been used recently?** Y / N When & Type? Unknown

**i. Have cosmetic products been used recently?** Y / N When & Type? Unknown

**j. Has painting/staining been done in the last 6 months?** Y / N Where & When? Unknown

**k. Is there new carpet, drapes or other textiles?** Y / (N) Where & When? _____

**l. Have air fresheners been used recently?** Y / N When & Type? Unknown

**m. Is there a kitchen exhaust fan?** (Y) / N If yes, where vented? _____

**n. Is there a bathroom exhaust fan?** (Y) / N If yes, where vented? _____

**o. Is there a clothes dryer?** Y / (N) If yes, is it vented outside? Y / N

**p. Has there been a pesticide application?** Y / N When & Type? Unknown

**Are there odors in the building?** Y / (N)
If yes, please describe: _____

**Do any of the building occupants use solvents at work?** Y / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? Unknown

If yes, are their clothes washed at work? Y / N

**Do any of the building occupants regularly use or work at a dry-cleaning service?** (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)
Yes, use dry-cleaning infrequently (monthly or less)
Yes, work at a dry-cleaning service
No
(Unknown)

**Is there a radon mitigation system for the building/structure?** Y / N Date of Installation: _____
**Is the system active or passive?** Active/Passive

**9. WATER AND SEWAGE**

**Water Supply:** (Public Water) Drilled Well Driven Well Dug Well Other: _____

**Sewage Disposal:** (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

**10. RELOCATION INFORMATION (for oil spill residential emergency)**

**a. Provide reasons why relocation is recommended:** N/A

**b. Residents choose to:** remain in home relocate to friends/family relocate to hotel/motel

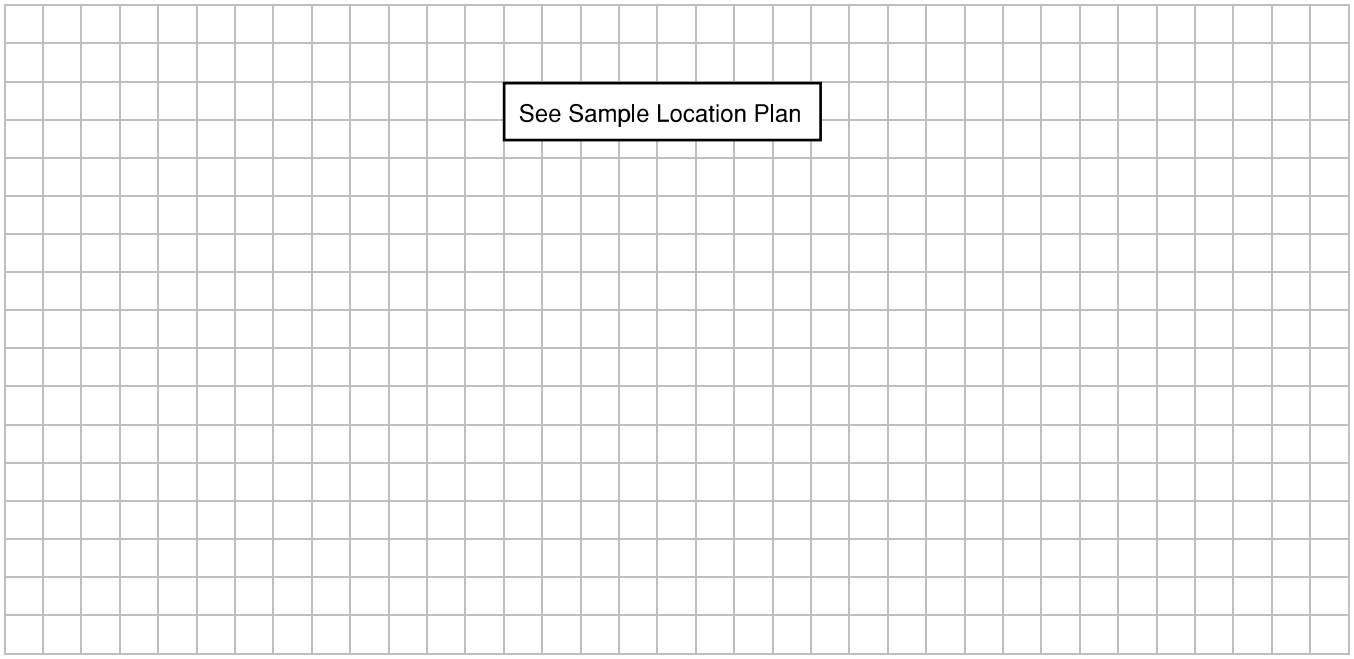
**c. Responsibility for costs associated with reimbursement explained?** Y / N

**d. Relocation package provided and explained to residents?** Y / N

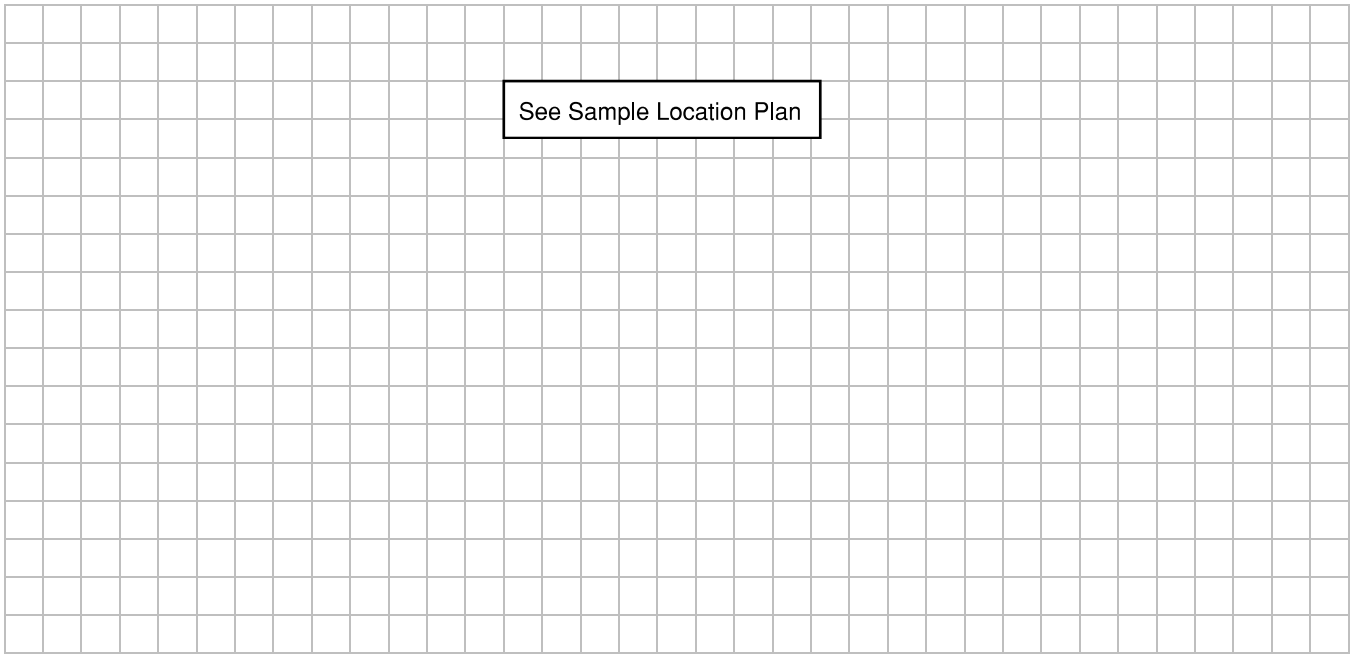
**11. FLOOR PLANS**

**Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.**

**Basement:**



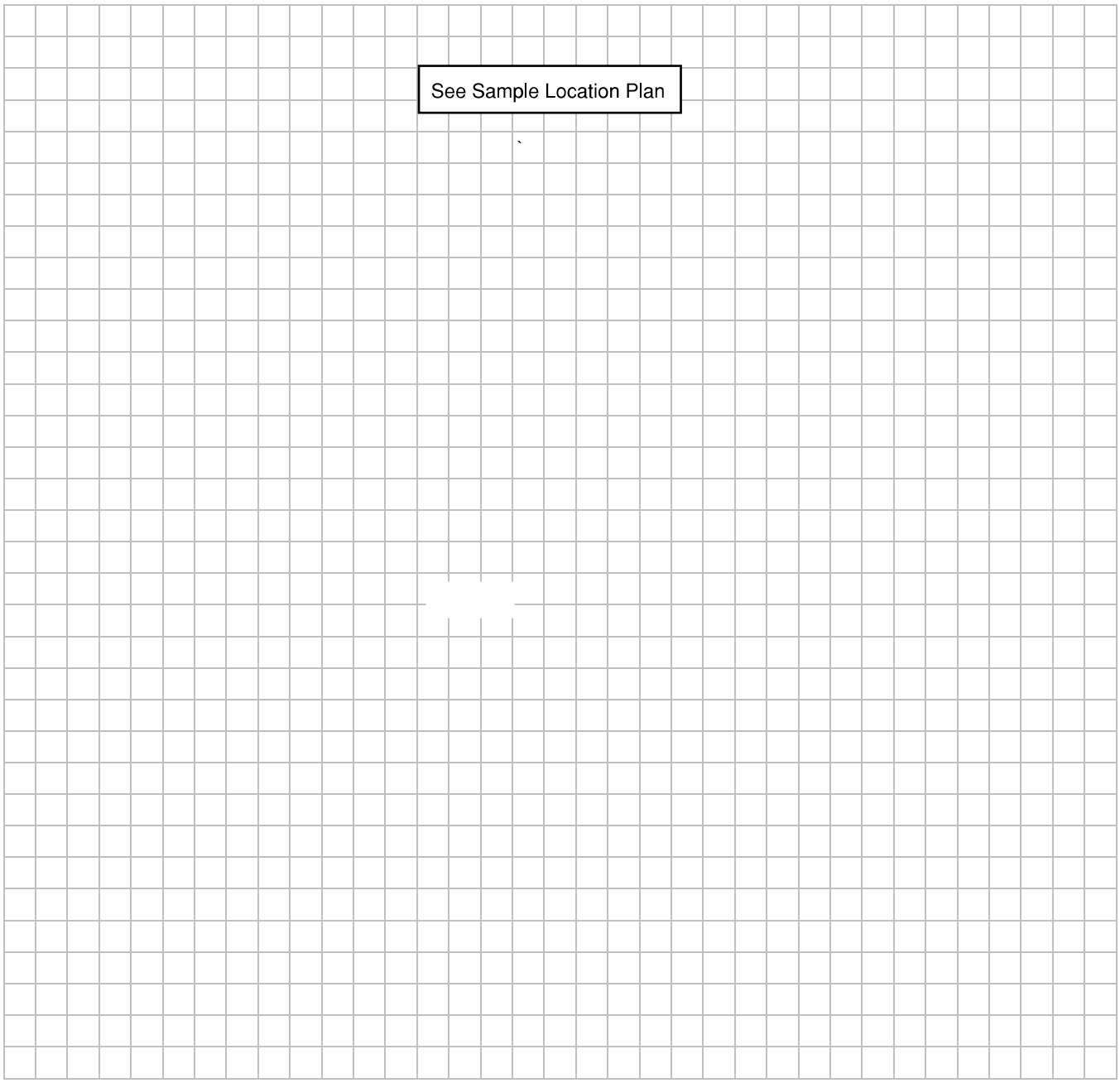

**First Floor:**



**12. OUTDOOR PLOT**

**Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.**

**Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.**



**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

**Site Name:** **ABC Block 27- Lot 17**

**Langan Project No.: 170340204**

**Site Location:** **Long Island City, NY**

**Date: 12/14/23**

Make and model of field instrument used: MultiRAE

| Location | Product Description | Size (units) | Condition* | Chemical Ingredients/Cas number | Field Instrument Reading (ppm) | Photo Y/N |
|---|---|---|---|---|---|---|
| Storage Room | Secure Gel Hand Sanitizer | 1 Gallon | O | Blend of Isopropyl Alchohol (Minimum 65%), Hydrogen Peroxide and Emollients | 0 | Y |
| Storage Room | Hoover Renewal (Detergent) | 64 oz | UO | Water, Sodium citrate diyhydrate, Alcohols, C9-11, Ethoxylated Glycine, N-methyl-N-(1-oxododecyl)-sodium salt (1:1), Dodecanoic acid, sodium salt (1:1), Anionic Surfactant - Cleaner, Anionic Polymer, Proprietary Anionic polymer, 1,2-Benzisothiazolin-3-one, 2 Fragrance | 0 | Y |
| Storage Room | Clean by peroxy 15 | 1 qt | UO | Water, undeceth-3, hydrogen peroxide, C9-11 Pareth-6, Polypropylmethyliminiodi-2,1-ethanebis, citric acid, acid blue 80, fragrance | 0 | Y |
| Custodial Closet | Everglades supply summer rain cleaner/ deodorizer | 1 gal | UO | | 0 | Y |
| Custodial Closet | Lynx suface disinfectant spray | 17 oz | UO | Ethanol, orthophenylphenol, paratertiary amylphenol, propane, n-butane | 0 | Y |
| Custodial Closet | Spray Nine Heavy-Duty Cleaner/Degreaser | 32 fl. Oz | UO | sodium metasilicate, sodium hydroxide, tetrasodium EDTA, linalool, coumarin, benzyl alcohol, cinnamaldehyde, anisyl alcohool, citronellol, geraniol, benzyl benzoate, citral, d-limonene | 0 | Y |
| Custodial Closet | Crown Products Antibacterial Clear Hand soap | 1 Gal | UO | | 0 | Y |
| Custodial Closet | Champion Sprayon Disinfectant | 1 lb | O | Ethyl Alcohol | 0 | Y |
| Custodial Closet | Enviro-chem Fabulous Cleaner & Deodorizer | 1 Gal | UO | Water, nonylphena ethoxylated, 2-propanol, 1,2-proanediol | 0 | Y |
| Custodial Closet | Krud Kutter Graffiti Remover | 22 fl oz | UO | Benzyl alcohol, Ethozylated alcohols, Dipropylene glycol methyl ether, alcohol ethoxylate, sulfated, sodium salt, sodium xylenesulfonate, SD alcohol28B. Alcohols, C10-16, ethoxylated | 0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**NEW YORK STATE DEPARTMENT OF HEALTH**
**INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY**
**CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Roswell Lo Date/Time Prepared 08/06/2024

Preparer's Affiliation Langan Engineering Phone No. 516-754-4599

Purpose of Investigation ABC Block 27 Lot 4 - Biannual Sub-Slab Soil Vapor and Indoor Air Sampling

**1. OCCUPANT:**

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

**2. OWNER OR LANDLORD:** (Check if same as occupant ___ )

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

**3. BUILDING CHARACTERISTICS**

**Type of Building:** (Circle appropriate response)

| | | |
|---|---|---|
| (Residential) | School | Commercial/Multi-use |
| Industrial | Church | Other: _____ |

**If the property is residential, type?** (Circle appropriate response)

| | | |
|---|---|---|
| Ranch | 2-Family | 3-Family |
| Raised Ranch | Split Level | Colonial |
| Cape Cod | Contemporary | Mobile Home |
| Duplex | (Apartment House) | Townhouses/Condos |
| Modular | Log Home | Other:_____ |

**If multiple units, how many?** 2

**If the property is commercial, type?**

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

**Other characteristics:**

Number of floors 2 Building age_____

Is the building insulated? (Y) / N How air tight? Tight / (Average) / Not Tight

## 4. AIRFLOW

**Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:**

Airflow between floors

Air flows laterally across 1st and 2nd floor through windows on the eastern and western boundaries of the site.

Airflow near source

Yes, through unsealed cellar doors.

Outdoor air infiltration

Outdoor air enters from cellar door from street, and cellar door to back yard.

Infiltration into air ducts

N/A

**5. BASEMENT AND CONSTRUCTION CHARACTERISTICS** (Circle all that apply)

| | | | | |
|---|---|---|---|---|
| **a. Above grade construction:** | (wood frame) | concrete | stone | brick |
| **b. Basement type:** | (full) | crawlspace | slab | other _____ |
| **c. Basement floor:** | (concrete) | dirt | stone | other _____ |
| **d. Basement floor:** | (uncovered) | covered | covered with _____ | |
| **e. Concrete floor:** | unsealed | (sealed) | sealed with _____ | |
| **f. Foundation walls:** | (poured) | block | stone | other _____ |
| **g. Foundation walls:** | (unsealed) | sealed | sealed with _____ | |
| **h. The basement is:** | wet | (damp) | dry | moldy |
| **i. The basement is:** | finished | (unfinished) | partially finished | |
| **j. Sump present?** | (Y)/ N | | | |
| **k. Water in sump?** | (Y)/ N / not applicable | | | |

**Basement/Lowest level depth below grade:** 6 (feet)

**Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)**

Two sump pumps fitted with covers located in the cellar. Large visible cracks were observed in the composite cover in the eastern part of the cellar

**6. HEATING, VENTING and AIR CONDITIONING** (Circle all that apply)

**Type of heating system(s) used in this building: (circle all that apply – note primary)**

| | | | |
|---|---|---|---|
| Hot air circulation | (Heat pump) | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

**The primary type of fuel used is**:

| | | |
|---|---|---|
| (Natural Gas) | Fuel Oil | Kerosene |
| Electric | Propane | Solar |
| Wood | Coal | |

**Domestic hot water tank fueled by:** _____

| | | | | |
|---|---|---|---|---|
| **Boiler/furnace located in:** | (Basement) | Outdoors | Main Floor | Other_____ |
| **Air conditioning:** | Central Air | Window units | Open Windows | (None) |

**Are there air distribution ducts present?** (Y)/ N

**Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.**

N/A

## 7. OCCUPANCY

**Is basement/lowest level occupied?** Full-time Occasionally Seldom (Almost Never)

| **Level** | **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)** |
|---|---|
| Basement | Storage |
| 1st Floor | Residential unit |
| 2nd Floor | Residential unit |
| 3rd Floor | N/A |
| 4th Floor | N/A |

## 8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

**a. Is there an attached garage?** Y /(N)

**b. Does the garage have a separate heating unit?** Y / N /(NA)

**c. Are petroleum-powered machines or vehicles stored in the garage** (e.g., lawnmower, atv, car) Y / N /(NA) Please specify_____

**d. Has the building ever had a fire?** Y /(N) When?_____

**e. Is a kerosene or unvented gas space heater present?** Y /(N) Where?_____

**f. Is there a workshop or hobby/craft area?** Y /(N) Where & Type?_____

**g. Is there smoking in the building?** Y /(N) How frequently?_____

**h. Have cleaning products been used recently?** Y / N When & Type? Unknown

**i. Have cosmetic products been used recently?** Y / N When & Type? Unknown

**j. Has painting/staining been done in the last 6 months?** Y / N Where & When? Unknown

**k. Is there new carpet, drapes or other textiles?** Y / N Where & When? Unknown

**l. Have air fresheners been used recently?** Y / N When & Type? Unknown

**m. Is there a kitchen exhaust fan?** Y / N If yes, where vented? Unknown

**n. Is there a bathroom exhaust fan?** Y / N If yes, where vented? Unknown

**o. Is there a clothes dryer?** Y / (N) If yes, is it vented outside? Y / N

**p. Has there been a pesticide application?** Y / N When & Type? Unknown

**Are there odors in the building?** Y / (N)
If yes, please describe: _____

**Do any of the building occupants use solvents at work?** Y / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? Unknown

If yes, are their clothes washed at work? Y / N

**Do any of the building occupants regularly use or work at a dry-cleaning service?** (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) No
Yes, use dry-cleaning infrequently (monthly or less) (Unknown)
Yes, work at a dry-cleaning service

**Is there a radon mitigation system for the building/structure?** Y / N Date of Installation: _____
**Is the system active or passive?** Active/Passive

**9. WATER AND SEWAGE**

**Water Supply:** (Public Water) Drilled Well Driven Well Dug Well Other: _____

**Sewage Disposal:** (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

**10. RELOCATION INFORMATION (for oil spill residential emergency)**

**a. Provide reasons why relocation is recommended:** N/A

**b. Residents choose to:** remain in home relocate to friends/family relocate to hotel/motel

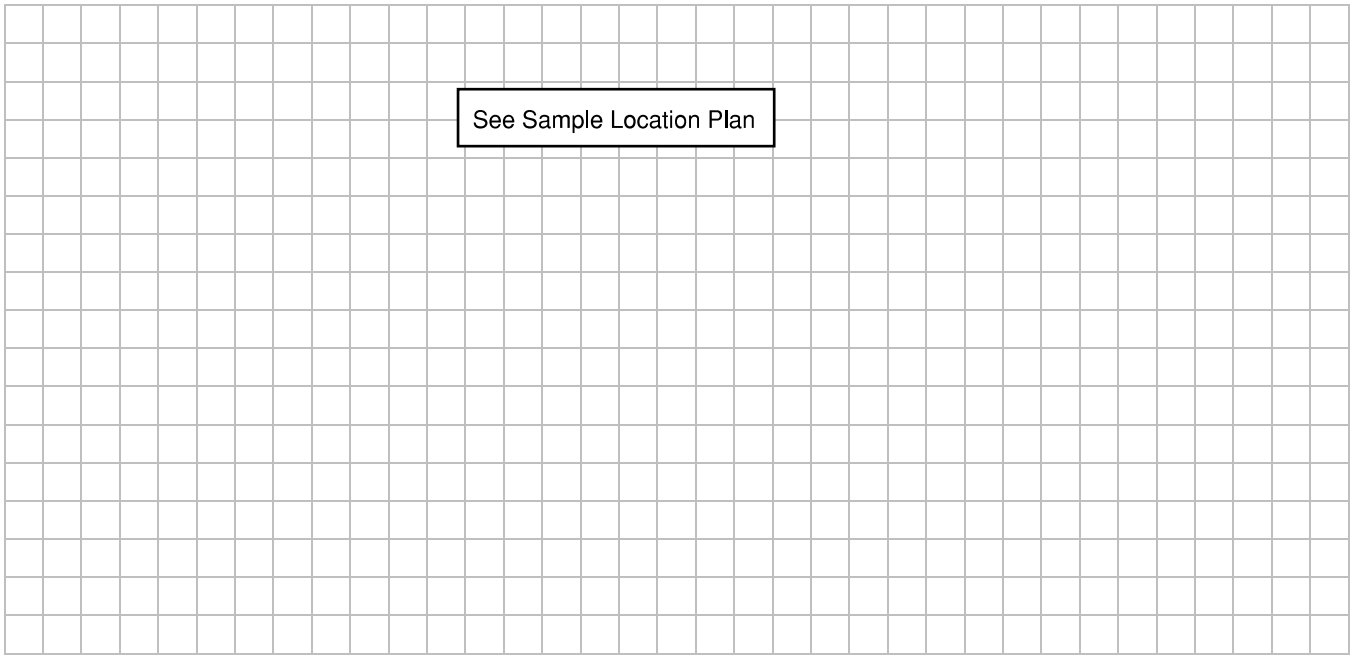
**c. Responsibility for costs associated with reimbursement explained?** Y / N

**d. Relocation package provided and explained to residents?** Y / N

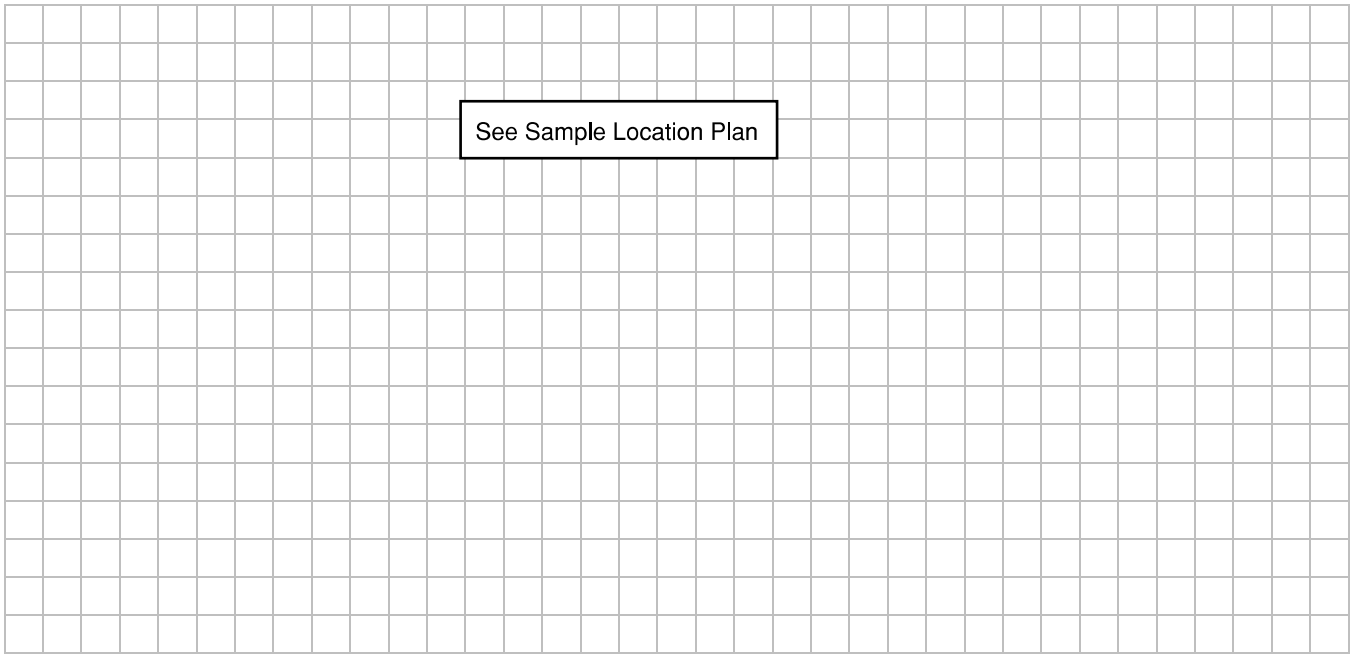
## 11. FLOOR PLANS

**Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.**

**Basement:**



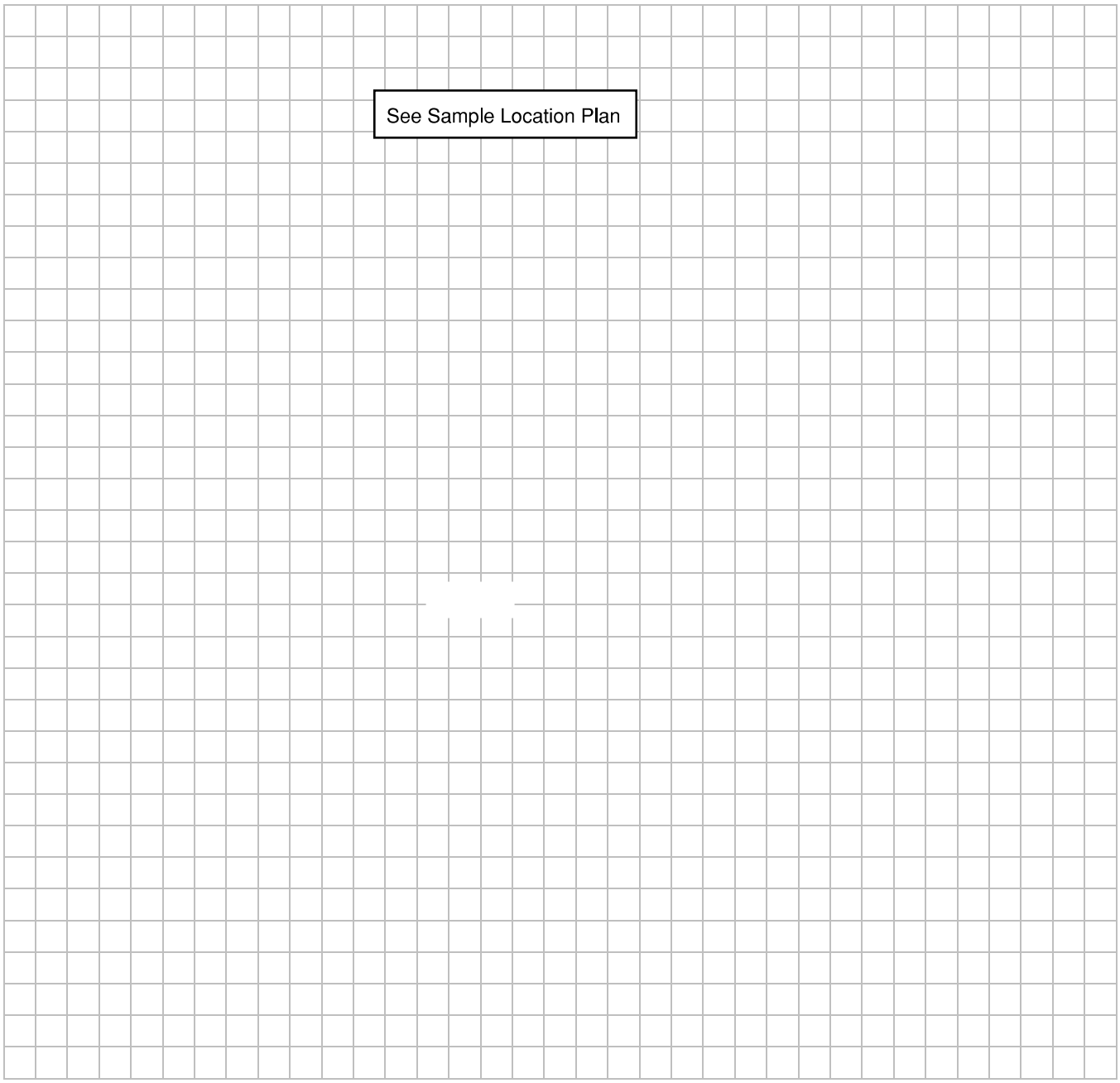

**First Floor:**



**12. OUTDOOR PLOT**

**Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.**

**Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.**



**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

**Site Name:** **ABC Block 27- Lot 4**

**Site Location:** **Long Island City, NY**

Make and model of field instrument used: MiniRAE

**Langan Project No.: 170340204**

**Date: 8/7/2024**

| Location | Product Description | Size (units) | Condition* | Chemical Ingredients/Cas number | Field Instrument Reading (ppm) | Photo Y/N |
|---|---|---|---|---|---|---|
| N/A | N/A | N/A | N/A | N/A | N/A | N/A |
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* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

**NEW YORK STATE DEPARTMENT OF HEALTH**
**INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY**
**CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Carli Piretra Date/Time Prepared 8/7/2024

Preparer's Affiliation Langan Engineering Phone No. 201-846-3841

Purpose of Investigation ABC Block 27 Lot 17 - Biannual Sub-Slab Soil Vapor and Indoor Air Sampling

**1. OCCUPANT:**

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

**2. OWNER OR LANDLORD:** (Check if same as occupant ___ )

**Interviewed: Y / (N)**

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

**3. BUILDING CHARACTERISTICS**

**Type of Building:** (Circle appropriate response)

| | | |
|---|---|---|
| Residential | School | (Commercial/Multi-use) |
| Industrial | Church | Other: _____ |

**If the property is residential, type?** (Circle appropriate response)

| | | |
|---|---|---|
| Ranch | 2-Family | 3-Family |
| Raised Ranch | Split Level | Colonial |
| Cape Cod | Contemporary | Mobile Home |
| Duplex | Apartment House | Townhouses/Condos |
| Modular | Log Home | Other: N/A |

**If multiple units, how many?** _____

**If the property is commercial, type?**

Business Type(s) Dance studio

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

**Other characteristics:**

Number of floors 2 Building age _____

Is the building insulated? Y / (N) How air tight? Tight / (Average) / Not Tight

## 4. AIRFLOW

**Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:**

Airflow between floors

Air flows up to the 2nd floor through the HVAC System and vents connecting each floor.

Airflow near source

Yes, through HVAC system.

Outdoor air infiltration

Outdoor air enters through doors, vents, and garage doors along the southern boundary of the site.

Infiltration into air ducts

Outdoor air flows into HVAC system.

**5. BASEMENT AND CONSTRUCTION CHARACTERISTICS** (Circle all that apply)

| | | | | |
|---|---|---|---|---|
| **a. Above grade construction:** | wood frame | (concrete) | stone | (brick) |
| **b. Basement type:** | full | crawlspace | slab | other N/A |
| **c. Basement floor:** | concrete | dirt | stone | other N/A |
| **d. Basement floor:** | uncovered | covered | covered with N/A | |
| **e. Concrete floor:** | unsealed | (sealed) | sealed with _____ | |
| **f. Foundation walls:** | (poured) | block | stone | other _____ |
| **g. Foundation walls:** | unsealed | (sealed) | sealed with _____ | |
| **h. The basement is:** | wet | damp | dry | moldy |
| **i. The basement is:** | finished | unfinished | partially finished | |
| **j. Sump present?** | (Y)/ N | | | |
| **k. Water in sump?** | Y /(N)/ not applicable | | | |

**Basement/Lowest level depth below grade:** 0 (feet)

**Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)**

N/A

**6. HEATING, VENTING and AIR CONDITIONING** (Circle all that apply)

**Type of heating system(s) used in this building: (circle all that apply – note primary)**

| | | | |
|---|---|---|---|
| (Hot air circulation) | Heat pump | Hot water baseboard | |
| Space Heaters | Stream radiation | Radiant floor | |
| Electric baseboard | Wood stove | Outdoor wood boiler | Other _____ |

**The primary type of fuel used is**:

| | | |
|---|---|---|
| Natural Gas | Fuel Oil | Kerosene |
| (Electric) | Propane | Solar |
| Wood | Coal | |

**Domestic hot water tank fueled by:** _____

| | | | | |
|---|---|---|---|---|
| **Boiler/furnace located in:** | Basement | Outdoors | (Main Floor) | Other_____ |
| **Air conditioning:** | (Central Air) | Window units | Open Windows | None |

**Are there air distribution ducts present?** (Y) / N

**Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.**

Duct work on the ceiling of first floor.

## 7. OCCUPANCY

**Is basement/lowest level occupied?** Full-time Occasionally Seldom (Almost Never)

| **Level** | **General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)** |
|---|---|
| Basement | N/A |
| 1st Floor | Vacant / Under renovation , Dance Studio |
| 2nd Floor | Beauty Salon |
| 3rd Floor | N/A |
| 4th Floor | N/A |

## 8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

**a. Is there an attached garage?** Y / (N)

**b. Does the garage have a separate heating unit?** Y / N / (NA)

**c. Are petroleum-powered machines or vehicles stored in the garage** (e.g., lawnmower, atv, car) Y / N / (NA) Please specify_____

**d. Has the building ever had a fire?** Y / (N) When?_____

**e. Is a kerosene or unvented gas space heater present?** Y / (N) Where?_____

**f. Is there a workshop or hobby/craft area?** Y / (N) Where & Type? _____

**g. Is there smoking in the building?** Y / (N) How frequently? _____

**h. Have cleaning products been used recently?** Y / N When & Type? Unknown

**i. Have cosmetic products been used recently?** Y / N When & Type? Unknown

**j. Has painting/staining been done in the last 6 months?** Y / N Where & When? Unknown

**k. Is there new carpet, drapes or other textiles?** Y / (N) Where & When? _____

**l. Have air fresheners been used recently?** Y / N When & Type? Unknown

**m. Is there a kitchen exhaust fan?** (Y) / N If yes, where vented? _____

**n. Is there a bathroom exhaust fan?** (Y) / N If yes, where vented? _____

**o. Is there a clothes dryer?** Y / (N) If yes, is it vented outside? Y / N

**p. Has there been a pesticide application?** Y / N When & Type? Unknown

**Are there odors in the building?** Y / (N)
If yes, please describe: _____

**Do any of the building occupants use solvents at work?** Y / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? Unknown

If yes, are their clothes washed at work? Y / N

**Do any of the building occupants regularly use or work at a dry-cleaning service?** (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)
Yes, use dry-cleaning infrequently (monthly or less)
Yes, work at a dry-cleaning service
No
(Unknown)

**Is there a radon mitigation system for the building/structure?** Y / N Date of Installation: _____
**Is the system active or passive?** Active/Passive

**9. WATER AND SEWAGE**

**Water Supply:** (Public Water) Drilled Well Driven Well Dug Well Other: _____

**Sewage Disposal:** (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

**10. RELOCATION INFORMATION (for oil spill residential emergency)**

**a. Provide reasons why relocation is recommended:** N/A

**b. Residents choose to:** remain in home relocate to friends/family relocate to hotel/motel

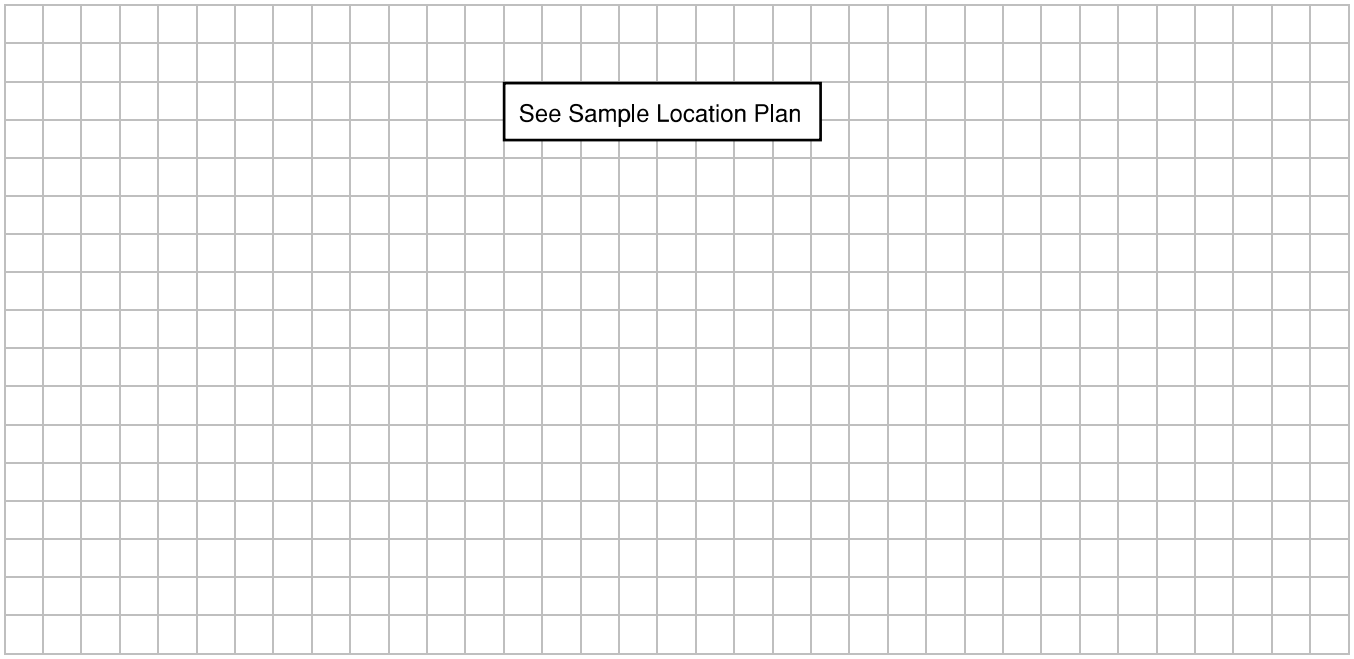
**c. Responsibility for costs associated with reimbursement explained?** Y / N

**d. Relocation package provided and explained to residents?** Y / N

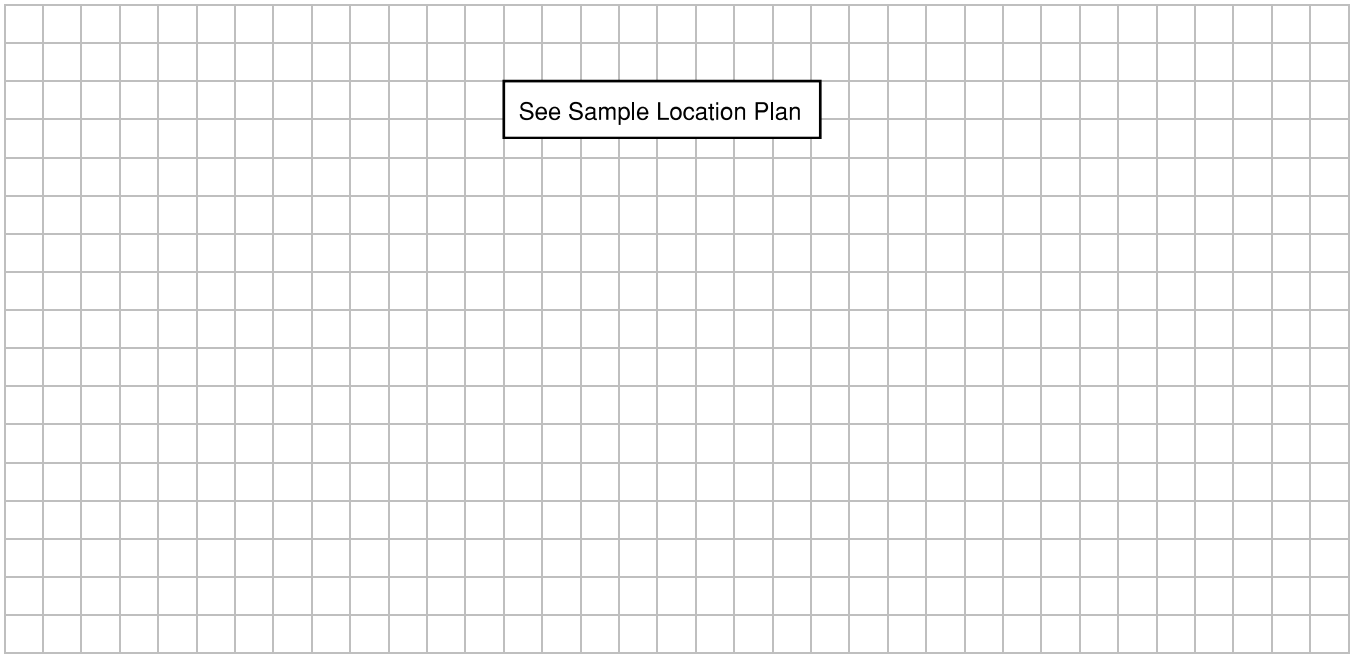
**11. FLOOR PLANS**

**Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.**

**Basement:**



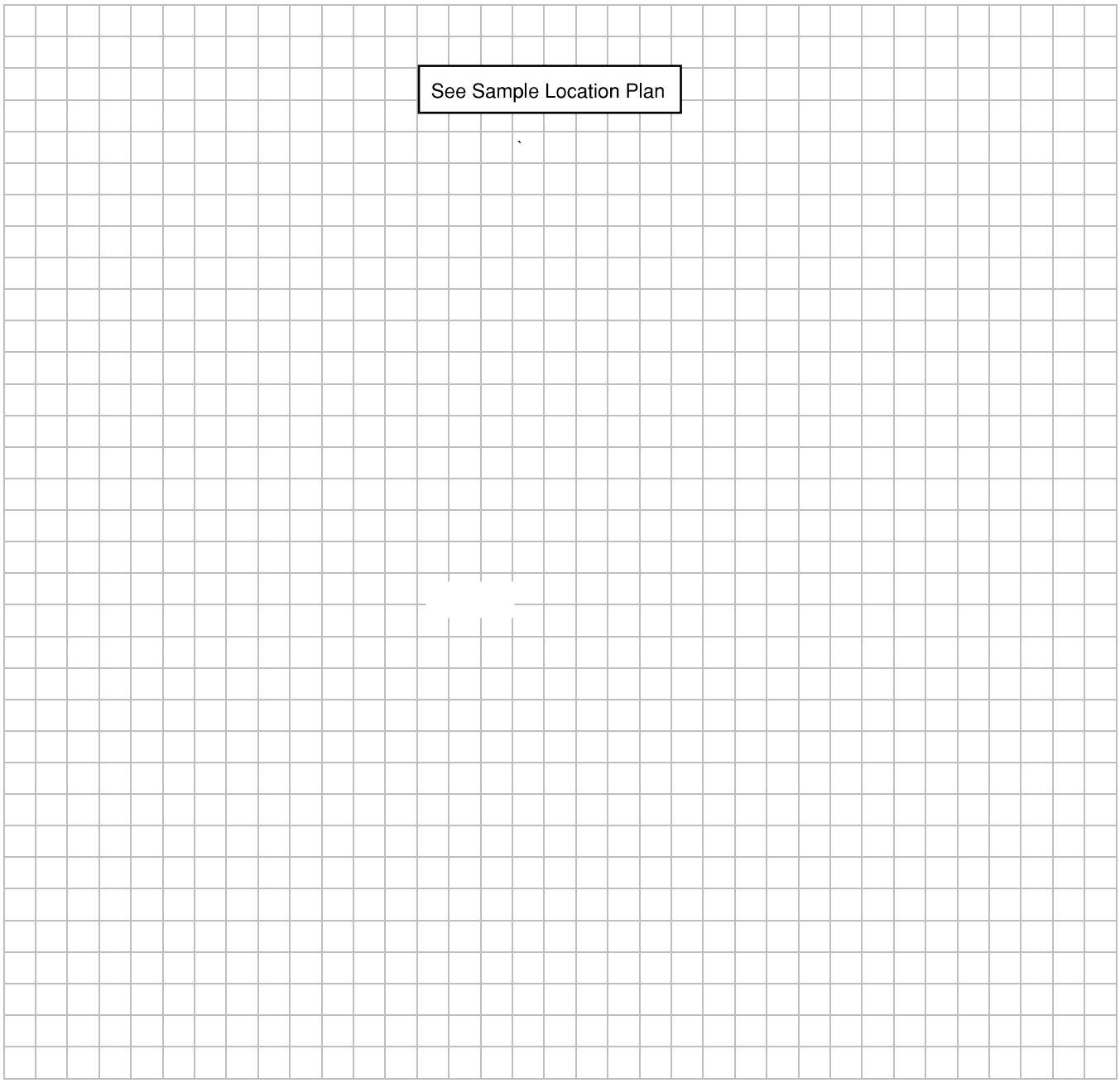

**First Floor:**



**12. OUTDOOR PLOT**

**Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.**

**Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.**



**Indoor Air Quality Investigation**
**Pre-Inspection Product Inventory**

**Site Name:** **ABC Block 27- Lot 17**

**Langan Project No.: 170340204**

**Site Location:** **Long Island City, NY**

**Date: 8/8/2024**

Make and model of field instrument used: MultiRAE

| Location | Product Description | Size (units) | Condition* | Chemical Ingredients/Cas number | Field Instrument Reading (ppm) | Photo Y/N |
|---|---|---|---|---|---|---|
| Storage Room | Benjamin Moor Super Hide Latex Flat | 4.92 gals | O | Kaolin, limestone, titanium dioxide, silica amorphous, diatomaceous earth | 0 | Y |
| Storage Room | Benjamin Moor Super Hide Latex Semi-Gloss Enamel | 5 gal | UO | Titanium dioxide, kaolin, propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1, 3-pentanediol | 0 | Y |
| Storage Room | DAP Alex Flex Crackproof Molding and Trim Sealant | 10.1 oz | O | limestone, lubricating petroleum oil, diethylene glycol dibenzoate, petroleum distillates, diethylene glycol monobenzoate, dipropylene glycol dobenzoate, glycol ethers | 0 | Y |
| Storage Room | USG Sheetrock All Purpose Joint Compound | 4.5 gal | O | limestone, attapulgite, perlite | 0 | Y |
| Storage Room | USG Sheetrock Plaster of Paris | 25 lbs | O | Calcium sulfate hemihydrate | 0 | Y |
| Custodial Closet | Spray Nine Heavy-Duty Cleaner/Degreaser | 32 fl. Oz | UO | sodium metasilicate, sodium hydroxide, tetrasodium EDTA, linalool, coumarin, benzyl alcohol, cinnamaldehyde, anisyl alcohool, citronellol, geraniol, benzyl benzoate, citral, d-limonene | 0 | Y |
| Custodial Closet | Derma-San Antibacterial Hand soap | 1 Gal | UO | Sodium Chloride, Sodium C10-16 Pareth-2 Sulfate. Cocamidopropyl Betaine, Lauryl Glucoside, nonylphenol, ethoxylated, Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides, Citric acid, Spearmint Terpenes, L-Carvone, Hexyl Cinnamal, benzyl acetate, 2-phenylethano, Methyl Salicylate, linalool, Commint Oil, Terpinyl Acetate, Cyclaprop , amyl salicylate, 2,4-dimethylcyclohex-3-ene-1-carbaldehyde, linalyl acetate, alpha-terpineol, soborneol acetate, 4'-tert-butyl-2',6'-dimethyl-3',5'-dinitroacetophenone, Dye - Golden Yellow, Dye - Brown | 0 | Y |
| Storage Room | Crown Anti-Bacterial Clear Handsoap | 1 Gal | O | | 0 | Y |
| Storage Room | Sherwin Williams Armorseal Tread-Plex Acrylic Floor Coating | 5 Gal | O | calcium cabonate, propylene glycol, paraffin oil | 0 | Y |
| Custodial Closet | Taginalor Graffiti Remover | 22 fl oz | UO | Benzyl alcohol, Ethozylated alcohols, Dipropylene glycol methyl ether, alcohol ethoxylate, sulfated, sodium salt, sodium xylenesulfonate, SD alcohol28B. Alcohols, C10-16, ethoxylated | 0 | Y |

* Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D).

# ATTACHMENT C

# DATA USABILITY SUMMARY REPORTS

# ATTACHMENT C

# DATA USABILITY SUMMARY REPORTS

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

# Technical Memorandum

**1 University Square Drive Princeton, NJ 08540 T: 609.282.8000**
**Mailing Address: 1 University Square Drive Princeton, NJ 08540**

**To:** Greg Wyka, Langan Senior Project Geologist

**From:** Joe Conboy, Langan Senior Staff Chemist

**Date:** January 11, 2024

**Re:** Data Usability Summary Report
For ABC Block 27– Lots 4 and 17
2024 Biannual Soil Vapor Intrusion Monitoring Report
December 2023 Soil Vapor and Ambient Air Samples
Langan Project No.: 100765102

This memorandum presents the findings of an analytical data validation of the data generated from the analysis of air samples collected in December 2023 by Langan Engineering and Environmental Services at ABC Block 27– Lots 4 and 17. The samples were analyzed by York Analytical Laboratories, Inc. (NYSDOH NELAP registration # 10854 and 12058) for volatile organic compounds (VOCs) by the methods specified below.

- VOCs by USEPA Method TO-15

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

## Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedure (SOP) #HW-31, "Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15" (September 2016, Revision 6),
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

Validation includes review of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator.

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. Two SDGs (23L1168 and 23L1199) underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA's guidelines and best professional judgment:

- **R –** The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
- **UJ –** The analyte was not detected at a level greater than or equal to the reporting limit; however, the reported reporting limit is approximate and may be inaccurate or imprecise.
- **U –** The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.
- **NJ –** The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified due to minor data quality anomalies are usable, as qualified in Table 2 (attached).

The following acronyms may be used in the discussion of data-quality issues:

| | | | |
|---|---|---|---|
| %D | Percent Difference | MB | Method Blank |
| CCV | Continuing Calibration Verification | MDL | Method Detection Limit |
| FB | Field Blank | MS | Matrix Spike |
| FD | Field Duplicate | MSD | Matrix Spike Duplicate |
| ICAL | Initial Calibration | RF | Response Factor |
| ICV | Initial Calibration Verification | RL | Reporting Limit |
| ISTD | Internal Standard | RPD | Relative Percent Difference |
| LCL | Lower Control Limit | RSD | Relative Standard Deviation |
| LCS | Laboratory Control Sample | TB | Trip Blank |
| LCSD | Laboratory Control Sample Duplicate | UCL | Upper Control Limit |

**MAJOR DEFICIENCIES:**

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

**MINOR DEFICIENCIES:**

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

**VOCs by USEPA Method TO-15:**

23L1168

The LCS for batch BL31401 exhibited percent recoveries below the LCL for 1,3-butadiene (58.4%), 1,2,4-trichlorobenzene (60.8%), chloromethane (methyl chloride) (53.7%), vinyl chloride (49.3%), 1,2-dichlorotetrafluoroethane (65.5%), and hexachlorobutadiene (58.2%). The associated results in sample C241175_IA01_121523 are qualified as J or UJ because of potential low bias.

23L1199

The MB for batch BL31397 exhibited a detection of acrylonitrile (0.499 ug/m3). The associated detected results in samples C241175_IA03_121423, C241175_IA04_121423, and C241175_IA06_121423 are qualified as J because of potential blank contamination.

The MB for batch BL31401 exhibited a detection of isopropanol (0.565 ug/m3). The associated results in samples C241175_AA02_121423, C241175_IA01_121423, C241175_IA02_121423, C241175_SSPP02_121423, C241175_IA05_121423, and C241175_SSPP05_121423 are qualified as J because of potential blank contamination. Results that are 10x blank contamination require no qualifications.

The MB for batch BL31653 exhibited a detection of isopropanol (1.06 ug/m3). The associated results in sample C241175_SSPP01_121423 are qualified as J because of potential blank contamination.

The sample C241175_SSPP05_121423 exhibited an exceedance of the instrument calibration range for isopropanol. The associated results are qualified as J because of potential indeterminate bias.

The sample C241175_IA02_121423 exhibited a laboratory-measured receipt pressure above -2 in. Hg (-1.72 in. Hg"). The associated results in sample C241175_IA02_121423 are qualified as J or UJ because of potential indeterminate bias.

The sample C241175_IA03_121423 exhibited a difference between field and laboratory-measured final pressures above 5 in. Hg (-5.2 in. Hg"). The associated results in sample C241175_IA03_121423 are qualified as J or UJ because of potential indeterminate bias.

The LCS for batch BL31401 exhibited percent recoveries below the LCL for 1,3-butadiene (58.4%), 1,2,4-trichlorobenzene (60.8%), chloromethane (methyl chloride) (53.7%), vinyl chloride (49.3%), 1,2-dichlorotetrafluoroethane (65.5%), and hexachlorobutadiene (58.2%). The associated results in sample C241175_AA02_121423, C241175_IA01_121423, C241175_IA02_121423, C241175_SSPP02_121423, C241175_IA05_121423, and C241175_SSPP05_121423 are qualified as UJ because of potential low bias.

The laboratory duplicate and parent sample (C241175_SSPP01_121423) exhibited RPDs above the control limit for 1,2,4-trimethylbenzene (46.2%), acrylonitrile (60.1%), isopropanol (60.5%), 1,3,5-trimethylbenzene (37.7%), toluene (50.4%), tetrachloroethylene (50.4%), 4-ethyltoluene (50.4%), acetone (54.1%), chloroform (50.4%), 1,1,1-trichloroethane (50.9%), 1,1-dichloroethane (51%), and 1,1-dichloroethene (33%). The associated results are qualified as J or UJ because of potential indeterminate bias.

**OTHER DEFICIENCIES:**

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

**VOCs by USEPA Method TO-15:**

23L1168

The MB for batch BL31322 exhibited a detection of 1,2,4-trichlorobenzene (0.891 ug/m3). The associated results are non-detect. No qualification is necessary.

The MB for batch BL31401 exhibited a detection of isopropanol (0.565 ug/m3). The associated results are >10X the contamination. No qualification is necessary.

The MB for batch BL31632 exhibited a detection of 1,2,4-trichlorobenzene (0.891 ug/m3). The associated results are non-detect. No qualification is necessary.

The LCS for batch BL31322 exhibited a percent recovery above the UCL for benzyl chloride (140%). The associated results are non-detect. No qualification is necessary.

The LCS for batch BL31632 exhibited a percent recovery above the UCL for benzyl chloride (134%). The associated results are non-detect. No qualification is necessary.

23L1199

The MB for batch BL31632 exhibited a detection of 1,2,4-trichlorobenzene (0.891 ug/m3). The associated results are non-detect. No qualification is necessary.

The MB for batch BL31653 exhibited a detection of 1,2,4-trichlorobenzene (0.742 ug/m3). The associated results are non-detect. No qualification is necessary.

The LCS for batch BL31397 exhibited a percent recovery above the UCL for benzyl chloride (140%). The associated results are non-detect. No qualification is necessary.

The LCS for batch BL31632 exhibited a percent recovery above the UCL for benzyl chloride (134%). The associated results are non-detect. No qualification is necessary.

The LCS for batch BL31653 exhibited percent recoveries above the UCL for benzyl chloride (141%) and 1,2,4-trichlorobenzene (132%). The associated results are non-detect. No qualification is necessary.

**CONCLUSION:**

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:

Joe Conboy
Senior Staff Chemist

**Data Usability Summary Report**
**For ABC Block 27– Lots 4 and 17**
**December 2023 Soil Vapor and Ambient Air Samples**
**Table 1: Sample Summary**

| SDG | Lab Sample ID | Client Sample ID | Sample Date | Validation Level | Analytical Parameters |
|---|---|---|---|---|---|
| 23L1168 | C241175_AA01_121523 | 23L1168-01 | 12/15/2023 | Tier 1 | VOCs by TO-15 |
| 23L1168 | C241175_IA01_121523 | 23L1168-03 | 12/15/2023 | Tier 1 | VOCs by TO-15 |
| 23L1168 | C241175_SSV08_121523 | 23L1168-02 | 12/15/2023 | Tier 1 | VOCs by TO-15 |
| 23L1199 | C241175_AA02_121423 | 23L1199-13 | 12/14/2023 | Tier 1 | VOCs by TO-15 |
| 23L1199 | C241175_SSPP02_121423 | 23L1199-09 | 12/14/2023 | Tier 1 | VOCs by TO-15 |
| 23L1199 | C241175_IA01_121423 | 23L1199-08 | 12/14/2023 | Tier 1 | VOCs by TO-15 |
| 23L1199 | C241175_IA02_121423 | 23L1199-10 | 12/14/2023 | Tier 1 | VOCs by TO-15 |
| 23L1199 | C241175_IA03_121423 | 23L1199-02 | 12/14/2023 | Tier 1 | VOCs by TO-15 |
| 23L1199 | C241175_IA04_121423 | 23L1199-06 | 12/14/2023 | Tier 1 | VOCs by TO-15 |
| 23L1199 | C241175_IA06_121423 | 23L1199-04 | 12/14/2023 | Tier 1 | VOCs by TO-15 |
| 23L1199 | C241175_SSPP01_121423 | 23L1199-07 | 12/14/2023 | Tier 1 | VOCs by TO-15 |
| 23L1199 | C241175_SSPP03_121423 | 23L1199-01 | 12/14/2023 | Tier 1 | VOCs by TO-15 |
| 23L1199 | C241175_SSPP05_121423 | 23L1199-11 | 12/14/2023 | Tier 1 | VOCs by TO-15 |
| 23L1199 | C241175_SSPP04_121423 | 23L1199-05 | 12/14/2023 | Tier 1 | VOCs by TO-15 |
| 23L1199 | C241175_SSV04_121423 | 23L1199-03 | 12/14/2023 | Tier 1 | VOCs by TO-15 |
| 23L1199 | C241175_IA05_121423 | 23L1199-12 | 12/14/2023 | Tier 1 | VOCs by TO-15 |

**Data Usability Summary Report**
**For ABC Block 27– Lots 4 and 17**
**December 2023 Soil Vapor and Ambient Air Samples**
**Table 2: Validator-Applied Qualification**

| SDG | Client Sample ID | Analysis | CAS # | Analyte | Validator Qualifier |
|---|---|---|---|---|---|
| 23L1168 | C241175_IA01_121523 | TO15 | 106-99-0 | 1,3-Butadiene | UJ |
| 23L1168 | C241175_IA01_121523 | TO15 | 120-82-1 | 1,2,4-Trichlorobenzene | UJ |
| 23L1168 | C241175_IA01_121523 | TO15 | 74-87-3 | Chloromethane | J |
| 23L1168 | C241175_IA01_121523 | TO15 | 75-01-4 | Vinyl Chloride | UJ |
| 23L1168 | C241175_IA01_121523 | TO15 | 76-14-2 | 1,2-Dichlorotetrafluoroethane | UJ |
| 23L1168 | C241175_IA01_121523 | TO15 | 87-68-3 | Hexachlorobutadiene | UJ |
| 23L1199 | C241175_AA02_121423 | TO15 | 67-63-0 | Isopropanol | J |
| 23L1199 | C241175_AA02_121423 | TO15 | 106-99-0 | 1,3-Butadiene | UJ |
| 23L1199 | C241175_AA02_121423 | TO15 | 120-82-1 | 1,2,4-Trichlorobenzene | UJ |
| 23L1199 | C241175_AA02_121423 | TO15 | 74-87-3 | Chloromethane | J |
| 23L1199 | C241175_AA02_121423 | TO15 | 75-01-4 | Vinyl Chloride | UJ |
| 23L1199 | C241175_AA02_121423 | TO15 | 76-14-2 | 1,2-Dichlorotetrafluoroethane | UJ |
| 23L1199 | C241175_AA02_121423 | TO15 | 87-68-3 | Hexachlorobutadiene | UJ |
| 23L1199 | BL31653-DUP1 | TO15 | 95-63-6 | 1,2,4-Trimethylbenzene | J |
| 23L1199 | C241175_IA01_121423 | TO15 | 106-99-0 | 1,3-Butadiene | UJ |
| 23L1199 | BL31653-DUP1 | TO15 | 107-13-1 | Acrylonitrile | UJ |
| 23L1199 | BL31653-DUP1 | TO15 | 67-63-0 | Isopropanol | J |
| 23L1199 | BL31653-DUP1 | TO15 | 108-67-8 | 1,3,5-Trimethylbenzene | UJ |
| 23L1199 | BL31653-DUP1 | TO15 | 108-88-3 | Toluene | UJ |
| 23L1199 | BL31653-DUP1 | TO15 | 127-18-4 | Tetrachloroethylene (PCE) | J |
| 23L1199 | BL31653-DUP1 | TO15 | 622-96-8 | 4-Ethyltoluene | J |
| 23L1199 | BL31653-DUP1 | TO15 | 67-64-1 | Acetone | J |
| 23L1199 | BL31653-DUP1 | TO15 | 67-66-3 | Chloroform | J |
| 23L1199 | BL31653-DUP1 | TO15 | 71-55-6 | 1,1,1-Trichloroethane (TCA) | J |
| 23L1199 | BL31653-DUP1 | TO15 | 75-34-3 | 1,1-Dichloroethane | J |
| 23L1199 | BL31653-DUP1 | TO15 | 75-35-4 | 1,1-Dichloroethene | J |
| 23L1199 | C241175_IA01_121423 | TO15 | 120-82-1 | 1,2,4-Trichlorobenzene | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 67-63-0 | Isopropanol | J |
| 23L1199 | C241175_IA01_121423 | TO15 | 74-87-3 | Chloromethane | J |
| 23L1199 | C241175_IA01_121423 | TO15 | 75-01-4 | Vinyl Chloride | UJ |

**Data Usability Summary Report**
**For ABC Block 27– Lots 4 and 17**
**December 2023 Soil Vapor and Ambient Air Samples**
**Table 2: Validator-Applied Qualification**

| SDG | Client Sample ID | Analysis | CAS # | Analyte | Validator Qualifier |
|---|---|---|---|---|---|
| 23L1199 | C241175_IA01_121423 | TO15 | 76-14-2 | 1,2-Dichlorotetrafluoroethane | UJ |
| 23L1199 | C241175_IA01_121423 | TO15 | 87-68-3 | Hexachlorobutadiene | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 100-41-4 | Ethylbenzene | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 100-42-5 | Styrene | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 100-44-7 | Benzyl Chloride | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 10061-01-5 | Cis-1,3-Dichloropropene | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 10061-02-6 | Trans-1,3-Dichloropropene | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 106-46-7 | 1,4-Dichlorobenzene | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 106-93-4 | 1,2-Dibromoethane | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 106-99-0 | 1,3-Butadiene | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 107-05-1 | Allyl Chloride (3-Chloropropene) | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 107-06-2 | 1,2-Dichloroethane | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 107-13-1 | Acrylonitrile | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 108-05-4 | Vinyl Acetate | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 78-93-3 | 2-Butanone | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 108-67-8 | 1,3,5-Trimethylbenzene | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 108-88-3 | Toluene | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 108-90-7 | Chlorobenzene | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 109-99-9 | Tetrahydrofuran | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 110-54-3 | N-Hexane | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 110-82-7 | Cyclohexane | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 115-07-1 | Propylene | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 120-82-1 | 1,2,4-Trichlorobenzene | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 123-91-1 | 1,4-Dioxane (P-Dioxane) | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 124-48-1 | Dibromochloromethane | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 127-18-4 | Tetrachloroethylene (PCE) | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 141-78-6 | Ethyl Acetate | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 142-28-9 | 1,3-Dichloropropane | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 142-82-5 | N-Heptane | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 156-59-2 | Cis-1,2-Dichloroethylene | UJ |

**Data Usability Summary Report**
**For ABC Block 27– Lots 4 and 17**
**December 2023 Soil Vapor and Ambient Air Samples**
**Table 2: Validator-Applied Qualification**

| SDG | Client Sample ID | Analysis | CAS # | Analyte | Validator Qualifier |
|---|---|---|---|---|---|
| 23L1199 | C241175_IA02_121423 | TO15 | 156-60-5 | Trans-1,2-Dichloroethene | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 1634-04-4 | Tert-Butyl Methyl Ether | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 179601-23-1 | m,p-Xylene | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 541-73-1 | 1,3-Dichlorobenzene | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 56-23-5 | Carbon Tetrachloride | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 591-78-6 | 2-Hexanone | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 593-60-2 | Vinyl Bromide | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 622-96-8 | 4-Ethyltoluene | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 630-20-6 | 1,1,1,2-Tetrachloroethane | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 67-63-0 | Isopropanol | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 67-64-1 | Acetone | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 67-66-3 | Chloroform | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 71-43-2 | Benzene | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 71-55-6 | 1,1,1-Trichloroethane (TCA) | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 74-83-9 | Bromomethane | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 74-87-3 | Chloromethane | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 75-00-3 | Chloroethane | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 75-01-4 | Vinyl Chloride | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 75-09-2 | Methylene Chloride | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 75-15-0 | Carbon Disulfide | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 75-25-2 | Bromoform | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 75-27-4 | Bromodichloromethane | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 75-34-3 | 1,1-Dichloroethane | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 75-35-4 | 1,1-Dichloroethene | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 75-69-4 | Trichlorofluoromethane | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 75-71-8 | Dichlorodifluoromethane | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 76-13-1 | 1,1,2-Trichloro-1,2,2-Trifluoroethane | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 76-14-2 | 1,2-Dichlorotetrafluoroethane | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 78-87-5 | 1,2-Dichloropropane | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 78-93-3 | 2-Butanone | J |

**Data Usability Summary Report**
**For ABC Block 27– Lots 4 and 17**
**December 2023 Soil Vapor and Ambient Air Samples**
**Table 2: Validator-Applied Qualification**

| SDG | Client Sample ID | Analysis | CAS # | Analyte | Validator Qualifier |
|---|---|---|---|---|---|
| 23L1199 | C241175_IA02_121423 | TO15 | 79-00-5 | 1,1,2-Trichloroethane | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 79-01-6 | Trichloroethylene (TCE) | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 79-34-5 | 1,1,2,2-Tetrachloroethane | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 80-62-6 | Methyl Methacrylate | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 87-68-3 | Hexachlorobutadiene | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 95-47-6 | O-Xylene | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 95-50-1 | 1,2-Dichlorobenzene | UJ |
| 23L1199 | C241175_IA02_121423 | TO15 | 95-63-6 | 1,2,4-Trimethylbenzene | J |
| 23L1199 | C241175_IA03_121423 | TO15 | 100-41-4 | Ethylbenzene | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 100-42-5 | Styrene | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 100-44-7 | Benzyl Chloride | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 10061-01-5 | Cis-1,3-Dichloropropene | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 10061-02-6 | Trans-1,3-Dichloropropene | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 106-46-7 | 1,4-Dichlorobenzene | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 106-93-4 | 1,2-Dibromoethane | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 106-99-0 | 1,3-Butadiene | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 107-05-1 | Allyl Chloride (3-Chloropropene) | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 107-06-2 | 1,2-Dichloroethane | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 107-13-1 | Acrylonitrile | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 108-05-4 | Vinyl Acetate | J |
| 23L1199 | C241175_IA02_121423 | TO15 | 108-10-1 | 4-Methyl-2-Pentanone | J |
| 23L1199 | C241175_IA03_121423 | TO15 | 108-67-8 | 1,3,5-Trimethylbenzene | J |
| 23L1199 | C241175_IA03_121423 | TO15 | 108-88-3 | Toluene | J |
| 23L1199 | C241175_IA03_121423 | TO15 | 108-90-7 | Chlorobenzene | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 109-99-9 | Tetrahydrofuran | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 110-54-3 | N-Hexane | J |
| 23L1199 | C241175_IA03_121423 | TO15 | 110-82-7 | Cyclohexane | J |
| 23L1199 | C241175_IA03_121423 | TO15 | 115-07-1 | Propylene | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 120-82-1 | 1,2,4-Trichlorobenzene | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 123-91-1 | 1,4-Dioxane (P-Dioxane) | UJ |

**Data Usability Summary Report**
**For ABC Block 27– Lots 4 and 17**
**December 2023 Soil Vapor and Ambient Air Samples**
**Table 2: Validator-Applied Qualification**

| SDG | Client Sample ID | Analysis | CAS # | Analyte | Validator Qualifier |
|---|---|---|---|---|---|
| 23L1199 | C241175_IA03_121423 | TO15 | 124-48-1 | Dibromochloromethane | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 127-18-4 | Tetrachloroethylene (PCE) | J |
| 23L1199 | C241175_IA03_121423 | TO15 | 141-78-6 | Ethyl Acetate | J |
| 23L1199 | C241175_IA03_121423 | TO15 | 142-28-9 | 1,3-Dichloropropane | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 142-82-5 | N-Heptane | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 156-59-2 | Cis-1,2-Dichloroethylene | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 156-60-5 | Trans-1,2-Dichloroethene | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 1634-04-4 | Tert-Butyl Methyl Ether | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 179601-23-1 | m,p-Xylene | J |
| 23L1199 | C241175_IA03_121423 | TO15 | 541-73-1 | 1,3-Dichlorobenzene | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 56-23-5 | Carbon Tetrachloride | J |
| 23L1199 | C241175_IA03_121423 | TO15 | 591-78-6 | 2-Hexanone | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 593-60-2 | Vinyl Bromide | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 622-96-8 | 4-Ethyltoluene | J |
| 23L1199 | C241175_IA03_121423 | TO15 | 630-20-6 | 1,1,1,2-Tetrachloroethane | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 67-64-1 | Acetone | J |
| 23L1199 | C241175_IA03_121423 | TO15 | 67-66-3 | Chloroform | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 71-43-2 | Benzene | J |
| 23L1199 | C241175_IA03_121423 | TO15 | 71-55-6 | 1,1,1-Trichloroethane (TCA) | J |
| 23L1199 | C241175_IA03_121423 | TO15 | 74-83-9 | Bromomethane | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 74-87-3 | Chloromethane | J |
| 23L1199 | C241175_IA03_121423 | TO15 | 75-00-3 | Chloroethane | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 75-01-4 | Vinyl Chloride | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 75-09-2 | Methylene Chloride | J |
| 23L1199 | C241175_IA03_121423 | TO15 | 75-15-0 | Carbon Disulfide | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 75-25-2 | Bromoform | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 75-27-4 | Bromodichloromethane | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 75-34-3 | 1,1-Dichloroethane | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 75-35-4 | 1,1-Dichloroethene | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 75-69-4 | Trichlorofluoromethane | J |

**Data Usability Summary Report**
**For ABC Block 27– Lots 4 and 17**
**December 2023 Soil Vapor and Ambient Air Samples**
**Table 2: Validator-Applied Qualification**

| SDG | Client Sample ID | Analysis | CAS # | Analyte | Validator Qualifier |
|---|---|---|---|---|---|
| 23L1199 | C241175_IA03_121423 | TO15 | 75-71-8 | Dichlorodifluoromethane | J |
| 23L1199 | C241175_IA03_121423 | TO15 | 76-13-1 | 1,1,2-Trichloro-1,2,2-Trifluoroethane | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 76-14-2 | 1,2-Dichlorotetrafluoroethane | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 78-87-5 | 1,2-Dichloropropane | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 108-10-1 | 4-Methyl-2-Pentanone | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 79-00-5 | 1,1,2-Trichloroethane | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 79-01-6 | Trichloroethylene (TCE) | J |
| 23L1199 | C241175_IA03_121423 | TO15 | 79-34-5 | 1,1,2,2-Tetrachloroethane | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 80-62-6 | Methyl Methacrylate | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 87-68-3 | Hexachlorobutadiene | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 95-47-6 | O-Xylene | J |
| 23L1199 | C241175_IA03_121423 | TO15 | 95-50-1 | 1,2-Dichlorobenzene | UJ |
| 23L1199 | C241175_IA03_121423 | TO15 | 95-63-6 | 1,2,4-Trimethylbenzene | J |
| 23L1199 | C241175_IA04_121423 | TO15 | 107-13-1 | Acrylonitrile | J |
| 23L1199 | C241175_SSPP01_121423 | TO15 | 67-63-0 | Isopropanol | J |
| 23L1199 | C241175_SSPP02_121423 | TO15 | 106-99-0 | 1,3-Butadiene | UJ |
| 23L1199 | C241175_SSPP02_121423 | TO15 | 120-82-1 | 1,2,4-Trichlorobenzene | UJ |
| 23L1199 | C241175_SSPP02_121423 | TO15 | 74-87-3 | Chloromethane | UJ |
| 23L1199 | C241175_SSPP02_121423 | TO15 | 75-01-4 | Vinyl Chloride | UJ |
| 23L1199 | C241175_SSPP02_121423 | TO15 | 76-14-2 | 1,2-Dichlorotetrafluoroethane | UJ |
| 23L1199 | C241175_SSPP02_121423 | TO15 | 87-68-3 | Hexachlorobutadiene | UJ |
| 23L1199 | C241175_SSPP05_121423 | TO15 | 106-99-0 | 1,3-Butadiene | UJ |
| 23L1199 | C241175_SSPP05_121423 | TO15 | 120-82-1 | 1,2,4-Trichlorobenzene | UJ |
| 23L1199 | C241175_SSPP05_121423 | TO15 | 74-87-3 | Chloromethane | UJ |
| 23L1199 | C241175_SSPP05_121423 | TO15 | 75-01-4 | Vinyl Chloride | UJ |
| 23L1199 | C241175_SSPP05_121423 | TO15 | 76-14-2 | 1,2-Dichlorotetrafluoroethane | UJ |
| 23L1199 | C241175_SSPP05_121423 | TO15 | 87-68-3 | Hexachlorobutadiene | UJ |
| 23L1199 | C241175_IA05_121423 | TO15 | 67-63-0 | Isopropanol | J |
| 23L1199 | C241175_IA05_121423 | TO15 | 106-99-0 | 1,3-Butadiene | UJ |
| 23L1199 | C241175_IA05_121423 | TO15 | 120-82-1 | 1,2,4-Trichlorobenzene | UJ |

**Data Usability Summary Report**
**For ABC Block 27– Lots 4 and 17**
**December 2023 Soil Vapor and Ambient Air Samples**
**Table 2: Validator-Applied Qualification**

| SDG | Client Sample ID | Analysis | CAS # | Analyte | Validator Qualifier |
|---|---|---|---|---|---|
| 23L1199 | C241175_SSPP05_121423 | TO15 | 67-63-0 | Isopropanol | J |
| 23L1199 | C241175_IA05_121423 | TO15 | 74-87-3 | Chloromethane | J |
| 23L1199 | C241175_IA05_121423 | TO15 | 75-01-4 | Vinyl Chloride | UJ |
| 23L1199 | C241175_IA05_121423 | TO15 | 76-14-2 | 1,2-Dichlorotetrafluoroethane | UJ |
| 23L1199 | C241175_IA05_121423 | TO15 | 87-68-3 | Hexachlorobutadiene | UJ |

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

# Technical Memorandum

**1 University Square Drive Princeton, NJ 08540 T: 609.282.8000**
**Mailing Address: 1 University Square Drive Princeton, NJ 08540**

**To:** Greg Wyka, Langan Senior Project Geologist

**From:** Mariana Wissink, Langan Staff Chemist

**Date:** August 30, 2024

**Re:** Data Usability Summary Report
For ABC Block 27 - 2024 Biannual Monitoring Report – Lots 4 and 17
August 2024 Soil Vapor and Ambient Air Samples
Langan Project No.: 170340204

This memorandum presents the findings of an analytical data validation of the data generated from the analysis of air samples collected in August 2024 by Langan Engineering and Environmental Services at the ABC Block 27, Lots 4 and 17. The samples were analyzed by York Analytical Laboratories, Inc. (NYSDOH NELAP registration # 10854 and 12058) for volatile organic compounds (VOCs) by the methods specified below.

- VOCs by USEPA Method TO-15

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

## Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedure (SOP) #HW-31, "Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15" (September 2016, Revision 6),
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

Validation includes review of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator.

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs

values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. All sample delivery groups (24H0462 and 24H0465) underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA's guidelines and best professional judgment:

- **R –** The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
- **UJ –** The analyte was not detected at a level greater than or equal to the reporting limit; however, the reported reporting limit is approximate and may be inaccurate or imprecise.
- **U –** The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.
- **NJ –** The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified due to minor data quality anomalies are usable, as qualified in Table 2 (attached).

The following acronyms may be used in the discussion of data-quality issues:

| | | | |
|---|---|---|---|
| %D | Percent Difference | MB | Method Blank |
| CCV | Continuing Calibration Verification | MDL | Method Detection Limit |
| FB | Field Blank | MS | Matrix Spike |
| FD | Field Duplicate | MSD | Matrix Spike Duplicate |
| ICAL | Initial Calibration | RF | Response Factor |
| ICV | Initial Calibration Verification | RL | Reporting Limit |
| ISTD | Internal Standard | RPD | Relative Percent Difference |
| LCL | Lower Control Limit | RSD | Relative Standard Deviation |
| LCS | Laboratory Control Sample | TB | Trip Blank |
| LCSD | Laboratory Control Sample Duplicate | UCL | Upper Control Limit |

**MAJOR DEFICIENCIES:**

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

**MINOR DEFICIENCIES:**

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

**VOCs by USEPA Method TO-15:**

24H0462

The MB for batch BH40846 exhibited a detection of acrylonitrile (0.326 ug/m3) and isopropanol (0.492 ug/m3). The associated detected results in samples C241175_SSV08_080724 and C241175_IA06_080724 (2024/08/13) are qualified as J because of potential blank contamination.

The LCS for batch BH40831 exhibited percent recoveries above the UCL for 1,1,1-trichloroethane (185%), 1,1,2-trichloro-1,2,2-trifluoroethane (139%), 1,1-dichloroethene (136%), 1,2-dichloroethane (139%), 1,2-dichlorotetrafluoroethane (136%), bromodichloromethane (140%), bromoform (144%), carbon tetrachloride (199%), chloroform (152%), dibromochloromethane (146%), dichlorodifluoromethane (171%), hexachlorobutadiene (159%), tert-butyl methyl ether (142%), naphthalene (139%), tetrachloroethylene (135%), trans-1,2-dichloroethene (131%), trichlorofluoromethane (191%), and vinyl bromide (132%). The associated results in sample C241175_AA01_080724 and C241175_IA06_080724 (2024/08/11) are qualified as J because of potential high bias.

The LCS for batch BH40846 exhibited percent recoveries above the UCL for 1,1,1-trichloroethane (187%), 1,1,2-trichloro-1,2,2-trifluoroethane (138%), 1,1-dichloroethene (133%), 1,2-dichloroethane (137%), 1,2-dichlorotetrafluoroethane (136%), bromodichloromethane (131%), bromoform (136%), carbon tetrachloride (204%), chloroform (152%), dibromochloromethane (138%), dichlorodifluoromethane (164%), hexachlorobutadiene (148%), tert-butyl methyl ether (141%), and trichlorofluoromethane (185%). The associated results in sample C241175_SSV08_080724 and C241175_IA06_080724 (8/13/2024) are qualified as J because of potential high bias.

The sample C241175_SSV08_080724 exhibited a laboratory-measured receipt pressure below -10 in. Hg (-13.8 in. Hg"). The associated results in sample C241175_SSV08_080724 are qualified as J or UJ because of potential indeterminate bias.

24H0465

The MB for batch BH40934 exhibited a detection of 2-butanone (0.590 ug/m3), acetone (0.689 ug/m3), and isopropanol (0.565 ug/m3). The associated results <10x blank concentration in

samples C241175_SSV04_080624, C241175_IA06_080624, C241175_SSPP04_080624, C241175_IA04_080624, C241175_SSPP01_080624, C241175_IA01_080624, C241175_SSPP02_080624, C241175_IA02_080624, C241175_SSPP05_080624, C241175_IA05_080624, and C241175_AA02_080624 are qualified as J because of potential blank contamination.

The LCS for batch BH40831 exhibited percent recoveries above the UCL for 1,1,1-trichloroethane (185%), 1,1,2-trichloro-1,2,2-trifluoroethane (139%), 1,1-dichloroethene (136%), 1,2-dichloroethane (139%), 1,2-dichlorotetrafluoroethane (136%), bromodichloromethane (140%), bromoform (144%), carbon tetrachloride (199%), chloroform (152%), dibromochloromethane (146%), dichlorodifluoromethane (171%), hexachlorobutadiene (159%), naphthalene (139%), tert-butyl methyl ether (142%), tetrachloroethylene (135%), trans-1,2-dichloroethene (131%), trichlorofluoromethane (191%), and vinyl bromide (132%). The associated detected results in samples C241175_SSPP03_080624 and C241175_IA03_080624 are qualified as J because of potential high bias.

The LCS for batch BH40934-BS1 exhibited percent recoveries above the UCL for 1,2-dichlorotetrafluoroethane (133%), 1,1-dichloroethene (134%), 1,1,2-trichloro-1,2,2-trifluoroethane (135%), naphthalene (136%), bromoform (137%), 1,2-dichloroethane (138%), dibromochloromethane (139%), tert-butyl methyl ether (139%), chloroform (148%), hexachlorobutadiene (152%), dichlorodifluoromethane (161%), 1,1,1-trichloroethane (179%), trichlorofluoromethane (181%), and carbon tetrachloride (196%). The associated detected results in samples C241175_SSV04_080624, C241175_IA06_080624, C241175_SSPP04_080624, C241175_IA04_080624, C241175_SSPP01_080624, C241175_IA01_080624, C241175_SSPP02_080624, C241175_IA02_080624, C241175_SSPP05_080624, C241175_IA05_080624, and C241175_AA02_080624 are qualified as J because of potential high bias.

The laboratory duplicate and parent sample (C241175_IA06_080624) exhibited RPDs above the control limit for naphthalene (25.9%), chloromethane (29.9%), methyl isobutyl ketone (30.8%), chloroform (33.3%), dichlorodifluoromethane (40.5%), 1,1,1-trichloroethane (59.5%), carbon tetrachloride (61.5%), and trichlorofluoromethane (61.5%). The associated results are qualified as J because of potential indeterminate bias.

**OTHER DEFICIENCIES:**

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

**VOCs by USEPA Method TO-15:**

24H0465

The MB for batch CAN 48319 / FC 19385 exhibited a detection of acrylonitrile (0.217 ug/m3). The associated results are non-detect. No qualification is necessary.

The MB for batch CAN 17353 / FC 19410 exhibited a detection of acetone (0.475 ug/m3). The associated results are >10X the contamination. No qualification is necessary.

**CONCLUSION:**

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:

Mariana Wissink
Staff Chemist

**Data Usability Summary Report**
**For ABC - Block 27 - 2024 Biannual Report – Lots 4 and 17**
**August 2024 Soil Vapor and Ambient Air Samples**
**Table 2: Validator-Applied Qualification**

| | | | Analytical Parameters | VOCs |
|---|---|---|---|---|
| **SDG** | **Lab Sample ID** | **Client ID** | **Sample Date** | **TO15** |
| 24H0462 | C241175_AA01_080724 | C241175_AA01_080724 | 8/7/2024 | x |
| 24H0462 | C241175_IA06_080724 | C241175_IA06_080724 | 8/7/2024 | x |
| 24H0462 | C241175_SSV08_080724 | C241175_SSV08_080724 | 8/7/2024 | x |
| 24H0465 | C241175_IA03_080624 | C241175_IA03_080624 | 8/6/2024 | x |
| 24H0465 | C241175_SSPP03_080624 | C241175_SSPP03_080624 | 8/6/2024 | x |
| 24H0465 | C241175_IA06_080624 | C241175_IA06_080624 | 8/6/2024 | x |
| 24H0465 | C241175_SSV04_080624 | C241175_SSV04_080624 | 8/6/2024 | x |
| 24H0465 | C241175_IA01_080624 | C241175_IA01_080624 | 8/6/2024 | x |
| 24H0465 | C241175_SSPP01_080624 | C241175_SSPP01_080624 | 8/6/2024 | x |
| 24H0465 | C241175_IA04_080624 | C241175_IA04_080624 | 8/6/2024 | x |
| 24H0465 | C241175_SSPP04_080624 | C241175_SSPP04_080624 | 8/6/2024 | x |
| 24H0465 | C241175_IA02_080624 | C241175_IA02_080624 | 8/6/2024 | x |
| 24H0465 | C241175_SSPP02_080624 | C241175_SSPP02_080624 | 8/6/2024 | x |
| 24H0465 | C241175_IA05_080624 | C241175_IA05_080624 | 8/6/2024 | x |
| 24H0465 | C241175_SSPP05_080624 | C241175_SSPP05_080624 | 8/6/2024 | x |
| 24H0465 | C241175_AA02_080624 | C241175_AA02_080624 | 8/6/2024 | x |

**Data Usability Summary Report**
**For ABC - Block 27 - 2024 Biannual Report – Lots 4 and 17**
**August 2024 Soil Vapor and Ambient Air Samples**
**Table 2: Validator-Applied Qualification**

| SDG | Client Sample ID | Analysis | CAS # | Total/ Dissolved | Analyte | Validator Qualifier |
|---|---|---|---|---|---|---|
| 24H0462 | C241175_AA01_080724 | TO15 | 56-23-5 | T | Carbon Tetrachloride | J |
| 24H0462 | C241175_AA01_080724 | TO15 | 75-71-8 | T | Dichlorodifluoromethane | J |
| 24H0462 | C241175_AA01_080724 | TO15 | 91-20-3 | T | Naphthalene | J |
| 24H0462 | C241175_AA01_080724 | TO15 | 75-69-4 | T | Trichlorofluoromethane | J |
| 24H0462 | C241175_IA06_080724 | TO15 | 56-23-5 | T | Carbon Tetrachloride | J |
| 24H0462 | C241175_IA06_080724 | TO15 | 75-71-8 | T | Dichlorodifluoromethane | J |
| 24H0462 | C241175_IA06_080724 | TO15 | 91-20-3 | T | Naphthalene | J |
| 24H0462 | C241175_IA06_080724 | TO15 | 75-69-4 | T | Trichlorofluoromethane | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 630-20-6 | T | 1,1,1,2-Tetrachloroethane | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 79-34-5 | T | 1,1,2,2-Tetrachloroethane | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 76-13-1 | T | 1,1,2-Trichloro-1,2,2-Trifluoroethane | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 79-00-5 | T | 1,1,2-Trichloroethane | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 75-34-3 | T | 1,1-Dichloroethane | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 75-35-4 | T | 1,1-Dichloroethene | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 120-82-1 | T | 1,2,4-Trichlorobenzene | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 106-93-4 | T | 1,2-Dibromoethane (Ethylene Dibromide) | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 95-50-1 | T | 1,2-Dichlorobenzene | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 107-06-2 | T | 1,2-Dichloroethane | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 78-87-5 | T | 1,2-Dichloropropane | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 76-14-2 | T | 1,2-Dichlorotetrafluoroethane | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 106-99-0 | T | 1,3-Butadiene | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 541-73-1 | T | 1,3-Dichlorobenzene | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 142-28-9 | T | 1,3-Dichloropropane | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 106-46-7 | T | 1,4-Dichlorobenzene | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 123-91-1 | T | 1,4-Dioxane (P-Dioxane) | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 591-78-6 | T | 2-Hexanone | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 107-05-1 | T | Allyl Chloride (3-Chloropropene) | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 107-13-1 | T | Acrylonitrile | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 71-43-2 | T | Benzene | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 100-44-7 | T | Benzyl Chloride | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 75-27-4 | T | Bromodichloromethane | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 75-25-2 | T | Bromoform | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 74-83-9 | T | Bromomethane | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 75-15-0 | T | Carbon Disulfide | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 108-90-7 | T | Chlorobenzene | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 75-00-3 | T | Chloroethane | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 74-87-3 | T | Chloromethane (Methyl Chloride) | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 10061-01-5 | T | Cis-1,3-Dichloropropene | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 110-82-7 | T | Cyclohexane | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 124-48-1 | T | Dibromochloromethane | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 141-78-6 | T | Ethyl Acetate | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 87-68-3 | T | Hexachlorobutadiene | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 80-62-6 | T | Methyl Methacrylate | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 1634-04-4 | T | Tert-Butyl Methyl Ether | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 75-09-2 | T | Methylene Chloride | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 127-18-4 | T | Tetrachloroethylene (PCE) | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 109-99-9 | T | Tetrahydrofuran | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 156-60-5 | T | Trans-1,2-Dichloroethene | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 10061-02-6 | T | Trans-1,3-Dichloropropene | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 108-05-4 | T | Vinyl Acetate | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 593-60-2 | T | Vinyl Bromide | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 75-01-4 | T | Vinyl Chloride | UJ |
| 24H0462 | C241175_SSV08_080724 | TO15 | 71-55-6 | T | 1,1,1-Trichloroethane (TCA) | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 95-63-6 | T | 1,2,4-Trimethylbenzene | J |

**Data Usability Summary Report**
**For ABC - Block 27 - 2024 Biannual Report – Lots 4 and 17**
**August 2024 Soil Vapor and Ambient Air Samples**
**Table 2: Validator-Applied Qualification**

| SDG | Client Sample ID | Analysis | CAS # | Total/ Dissolved | Analyte | Validator Qualifier |
|---|---|---|---|---|---|---|
| 24H0462 | C241175_SSV08_080724 | TO15 | 108-67-8 | T | 1,3,5-Trimethylbenzene (Mesitylene) | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 78-93-3 | T | Methyl Ethyl Ketone (2-Butanone) | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 108-10-1 | T | Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 67-64-1 | T | Acetone | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 56-23-5 | T | Carbon Tetrachloride | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 67-66-3 | T | Chloroform | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 156-59-2 | T | Cis-1,2-Dichloroethylene | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 75-71-8 | T | Dichlorodifluoromethane | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 100-41-4 | T | Ethylbenzene | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 67-63-0 | T | Isopropanol | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 91-20-3 | T | Naphthalene | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 142-82-5 | T | N-Heptane | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 110-54-3 | T | N-Hexane | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 95-47-6 | T | O-Xylene (1,2-Dimethylbenzene) | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 179601-23-1 | T | m,p-Xylene | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 622-96-8 | T | 4-Ethyltoluene | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 115-07-1 | T | Propylene | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 100-42-5 | T | Styrene | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 108-88-3 | T | Toluene | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 79-01-6 | T | Trichloroethylene (TCE) | J |
| 24H0462 | C241175_SSV08_080724 | TO15 | 75-69-4 | T | Trichlorofluoromethane | J |
| 24H0465 | C241175_SSPP03_080624 | TO15 | 71-55-6 | T | 1,1,1-Trichloroethane (TCA) | J |
| 24H0465 | C241175_SSPP03_080624 | TO15 | 67-66-3 | T | Chloroform | J |
| 24H0465 | C241175_SSPP03_080624 | TO15 | 127-18-4 | T | Tetrachloroethylene (PCE) | J |
| 24H0465 | C241175_IA03_080624 | TO15 | 56-23-5 | T | Carbon Tetrachloride | J |
| 24H0465 | C241175_IA03_080624 | TO15 | 67-66-3 | T | Chloroform | J |
| 24H0465 | C241175_IA03_080624 | TO15 | 75-71-8 | T | Dichlorodifluoromethane | J |
| 24H0465 | C241175_IA03_080624 | TO15 | 75-69-4 | T | Trichlorofluoromethane | J |
| 24H0465 | C241175_SSPP05_080624 | TO15 | 67-64-1 | T | Acetone | J |
| 24H0465 | C241175_AA02_080624 | TO15 | 67-63-0 | T | Isopropanol | J |
| 24H0465 | C241175_SSV04_080624 | TO15 | 71-55-6 | T | 1,1,1-Trichloroethane (TCA) | J |
| 24H0465 | C241175_SSV04_080624 | TO15 | 78-93-3 | T | Methyl Ethyl Ketone (2-Butanone) | J |
| 24H0465 | C241175_SSV04_080624 | TO15 | 56-23-5 | T | Carbon Tetrachloride | J |
| 24H0465 | C241175_SSV04_080624 | TO15 | 67-66-3 | T | Chloroform | J |
| 24H0465 | C241175_SSV04_080624 | TO15 | 75-71-8 | T | Dichlorodifluoromethane | J |
| 24H0465 | C241175_SSV04_080624 | TO15 | 75-69-4 | T | Trichlorofluoromethane | J |
| 24H0465 | C241175_IA06_080624 | TO15 | 71-55-6 | T | 1,1,1-Trichloroethane (TCA) | J |
| 24H0465 | C241175_IA06_080624 | TO15 | 78-93-3 | T | Methyl Ethyl Ketone (2-Butanone) | J |
| 24H0465 | C241175_IA06_080624 | TO15 | 108-10-1 | T | Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | J |
| 24H0465 | C241175_IA06_080624 | TO15 | 56-23-5 | T | Carbon Tetrachloride | J |
| 24H0465 | C241175_IA06_080624 | TO15 | 67-66-3 | T | Chloroform | J |
| 24H0465 | C241175_IA06_080624 | TO15 | 74-87-3 | T | Chloromethane (Methyl Chloride) | J |
| 24H0465 | C241175_IA06_080624 | TO15 | 75-71-8 | T | Dichlorodifluoromethane | J |
| 24H0465 | C241175_IA06_080624 | TO15 | 91-20-3 | T | Naphthalene | J |
| 24H0465 | C241175_IA06_080624 | TO15 | 75-69-4 | T | Trichlorofluoromethane | J |
| 24H0465 | C241175_SSPP04_080624 | TO15 | 71-55-6 | T | 1,1,1-Trichloroethane (TCA) | J |
| 24H0465 | C241175_SSPP04_080624 | TO15 | 67-66-3 | T | Chloroform | J |
| 24H0465 | C241175_IA04_080624 | TO15 | 78-93-3 | T | Methyl Ethyl Ketone (2-Butanone) | J |
| 24H0465 | C241175_IA04_080624 | TO15 | 56-23-5 | T | Carbon Tetrachloride | J |
| 24H0465 | C241175_IA04_080624 | TO15 | 75-71-8 | T | Dichlorodifluoromethane | J |
| 24H0465 | C241175_IA04_080624 | TO15 | 75-69-4 | T | Trichlorofluoromethane | J |
| 24H0465 | C241175_SSPP01_080624 | TO15 | 71-55-6 | T | 1,1,1-Trichloroethane (TCA) | J |
| 24H0465 | C241175_SSPP01_080624 | TO15 | 78-93-3 | T | Methyl Ethyl Ketone (2-Butanone) | J |
| 24H0465 | C241175_SSPP01_080624 | TO15 | 56-23-5 | T | Carbon Tetrachloride | J |

**Data Usability Summary Report**
**For ABC - Block 27 - 2024 Biannual Report – Lots 4 and 17**
**August 2024 Soil Vapor and Ambient Air Samples**
**Table 2: Validator-Applied Qualification**

| SDG | Client Sample ID | Analysis | CAS # | Total/ Dissolved | Analyte | Validator Qualifier |
|---|---|---|---|---|---|---|
| 24H0465 | C241175_SSPP01_080624 | TO15 | 67-66-3 | T | Chloroform | J |
| 24H0465 | C241175_SSPP01_080624 | TO15 | 75-71-8 | T | Dichlorodifluoromethane | J |
| 24H0465 | C241175_SSPP01_080624 | TO15 | 75-69-4 | T | Trichlorofluoromethane | J |
| 24H0465 | C241175_IA01_080624 | TO15 | 76-13-1 | T | 1,1,2-Trichloro-1,2,2-Trifluoroethane | J |
| 24H0465 | C241175_IA01_080624 | TO15 | 78-93-3 | T | Methyl Ethyl Ketone (2-Butanone) | J |
| 24H0465 | C241175_IA01_080624 | TO15 | 56-23-5 | T | Carbon Tetrachloride | J |
| 24H0465 | C241175_IA01_080624 | TO15 | 67-66-3 | T | Chloroform | J |
| 24H0465 | C241175_IA01_080624 | TO15 | 75-71-8 | T | Dichlorodifluoromethane | J |
| 24H0465 | C241175_IA01_080624 | TO15 | 91-20-3 | T | Naphthalene | J |
| 24H0465 | C241175_IA01_080624 | TO15 | 75-69-4 | T | Trichlorofluoromethane | J |
| 24H0465 | C241175_SSPP02_080624 | TO15 | 71-55-6 | T | 1,1,1-Trichloroethane (TCA) | J |
| 24H0465 | C241175_SSPP02_080624 | TO15 | 78-93-3 | T | Methyl Ethyl Ketone (2-Butanone) | J |
| 24H0465 | C241175_SSPP02_080624 | TO15 | 56-23-5 | T | Carbon Tetrachloride | J |
| 24H0465 | C241175_SSPP02_080624 | TO15 | 67-66-3 | T | Chloroform | J |
| 24H0465 | C241175_SSPP02_080624 | TO15 | 75-71-8 | T | Dichlorodifluoromethane | J |
| 24H0465 | C241175_SSPP02_080624 | TO15 | 75-69-4 | T | Trichlorofluoromethane | J |
| 24H0465 | C241175_IA02_080624 | TO15 | 78-93-3 | T | Methyl Ethyl Ketone (2-Butanone) | J |
| 24H0465 | C241175_IA02_080624 | TO15 | 56-23-5 | T | Carbon Tetrachloride | J |
| 24H0465 | C241175_IA02_080624 | TO15 | 75-71-8 | T | Dichlorodifluoromethane | J |
| 24H0465 | C241175_IA02_080624 | TO15 | 91-20-3 | T | Naphthalene | J |
| 24H0465 | C241175_IA02_080624 | TO15 | 75-69-4 | T | Trichlorofluoromethane | J |
| 24H0465 | C241175_SSPP05_080624 | TO15 | 71-55-6 | T | 1,1,1-Trichloroethane (TCA) | J |
| 24H0465 | C241175_SSPP05_080624 | TO15 | 56-23-5 | T | Carbon Tetrachloride | J |
| 24H0465 | C241175_IA05_080624 | TO15 | 78-93-3 | T | Methyl Ethyl Ketone (2-Butanone) | J |
| 24H0465 | C241175_IA05_080624 | TO15 | 56-23-5 | T | Carbon Tetrachloride | J |
| 24H0465 | C241175_IA05_080624 | TO15 | 75-71-8 | T | Dichlorodifluoromethane | J |
| 24H0465 | C241175_IA05_080624 | TO15 | 91-20-3 | T | Naphthalene | J |
| 24H0465 | C241175_IA05_080624 | TO15 | 75-69-4 | T | Trichlorofluoromethane | J |
| 24H0465 | C241175_AA02_080624 | TO15 | 78-93-3 | T | Methyl Ethyl Ketone (2-Butanone) | J |
| 24H0465 | C241175_AA02_080624 | TO15 | 56-23-5 | T | Carbon Tetrachloride | J |
| 24H0465 | C241175_AA02_080624 | TO15 | 75-71-8 | T | Dichlorodifluoromethane | J |
| 24H0465 | C241175_AA02_080624 | TO15 | 91-20-3 | T | Naphthalene | J |
| 24H0465 | C241175_AA02_080624 | TO15 | 75-69-4 | T | Trichlorofluoromethane | J |

# ATTACHMENT D

# LABORATORY ANALYTICAL DATA REPORTS

# ATTACHMENT D

# LABORATORY ANALYTICAL DATA REPORTS

# Technical Report

prepared for:

**Langan Engineering & Environmental Services (NYC)**
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
**Attention: Andrew Nesci**

Report Date: 01/18/2024
**Client Project ID: 170340204**
York Project (SDG) No.: 23K1685

**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: 01/18/2024
Client Project ID: 170340204
York Project (SDG) No.: 23K1685

**Langan Engineering & Environmental Services (NYC)**
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Andrew Nesci

## 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 November 28, 2023 and listed below. The project was identified as your project: **170340204**.

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 |
|---|---|---|---|---|
| 23K1685-01 | CAN 28307 / FC 19430 | Air | 11/28/2023 | 11/28/2023 |
| 23K1685-02 | CAN 37797 / FC 7081 | Air | 11/28/2023 | 11/28/2023 |
| 23K1685-03 | CAN 36993 / FC 19400 | Air | 11/28/2023 | 11/28/2023 |
| 23K1685-04 | CAN 37807 / FC 19382 | Air | 11/28/2023 | 11/28/2023 |
| 23K1685-05 | CAN 36450 / FC 19417 | Air | 11/28/2023 | 11/28/2023 |
| 23K1685-06 | CAN 17348 / FC 19402 | Air | 11/28/2023 | 11/28/2023 |
| 23K1685-07 | CAN 48304 / FC 19414 | Air | 11/28/2023 | 11/28/2023 |
| 23K1685-08 | CAN 15524 / FC 19392 | Air | 11/28/2023 | 11/28/2023 |
| 23K1685-09 | CAN 42989 / FC 19410 | Air | 11/28/2023 | 11/28/2023 |
| 23K1685-10 | CAN 24117 / FC 6869 | Air | 11/28/2023 | 11/28/2023 |
| 23K1685-11 | CAN 37388 / FC 19394 | Air | 11/28/2023 | 11/28/2023 |
| 23K1685-12 | CAN 37004 / FC 6863 | Air | 11/28/2023 | 11/28/2023 |
| 23K1685-13 | CAN 28309 / FC 5706 | Air | 11/28/2023 | 11/28/2023 |
| 23K1685-14 | CAN 18317 / FC 16420 | Air | 11/28/2023 | 11/28/2023 |
| 23L1199-01 | C241175_SSPP03_121423 | Soil Vapor | 12/14/2023 | 12/15/2023 |
| 23L1199-02 | C241175_IA03_121423 | Indoor Ambient Air | 12/14/2023 | 12/15/2023 |
| 23L1199-03 | C241175_SSV04_121423 | Soil Vapor | 12/14/2023 | 12/15/2023 |
| 23L1199-04 | C241175_IA06_121423 | Indoor Ambient Air | 12/14/2023 | 12/15/2023 |
| 23L1199-05 | C241175_SSPP04_121423 | Soil Vapor | 12/14/2023 | 12/15/2023 |
| 23L1199-06 | C241175_IA04_121423 | Indoor Ambient Air | 12/14/2023 | 12/15/2023 |
| 23L1199-07 | C241175_SSPP01_121423 | Soil Vapor | 12/14/2023 | 12/15/2023 |
| 23L1199-08 | C241175_IA01_121423 | Indoor Ambient Air | 12/14/2023 | 12/15/2023 |

| York Sample ID | Client Sample ID | Matrix | Date Collected | Date Received |
|---|---|---|---|---|
| 23L1199-09 | C241175_SSPP02_121423 | Soil Vapor | 12/14/2023 | 12/15/2023 |
| 23L1199-10 | C241175_IA02_121423 | Indoor Ambient Air | 12/14/2023 | 12/15/2023 |
| 23L1199-11 | C241175_SSPP05_121423 | Soil Vapor | 12/14/2023 | 12/15/2023 |
| 23L1199-12 | C241175_IA05_121423 | Indoor Ambient Air | 12/14/2023 | 12/15/2023 |
| 23L1199-13 | C241175_AA02_121423 | Outdoor Ambient Air | 12/14/2023 | 12/15/2023 |

## General Notes for York Project (SDG) No.: 23K1685

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:** 01/18/2024

Cassie L. Mosher
Laboratory Manager

## Sample Information

**Client Sample ID:** CAN 28307 / FC 19430 **York Sample ID:** 23K1685-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

### 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 | 0.687 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-CCV, TO-LCS-L | ug/m³ | 0.742 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 28307 / FC 19430 **York Sample ID:** 23K1685-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-87-3 | Chloromethane | ND | TO-LC S-L | ug/m³ | 0.207 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** CAN 28307 / FC 19430 **York Sample ID:** 23K1685-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-LC S-L | ug/m³ | 1.07 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** **CAN 28307 / FC 19430** **York Sample ID:** **23K1685-01**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.128 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 21:27 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 37797 / FC 7081 **York Sample ID:** 23K1685-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

### 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 | 0.687 | 1 | EPA TO-15<br>Certifications: | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-CCV, TO-LCS-L | ug/m³ | 0.742 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |

## Sample Information

**Client Sample ID:** CAN 37797 / FC 7081 **York Sample ID:** 23K1685-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-87-3 | Chloromethane | ND | TO-LC S-L | ug/m³ | 0.207 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** CAN 37797 / FC 7081 **York Sample ID:** 23K1685-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-LC S-L | ug/m³ | 1.07 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 37797 / FC 7081 **York Sample ID:** 23K1685-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.128 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 22:20 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 36993 / FC 19400 **York Sample ID:** 23K1685-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 | 0.687 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | TO-LCS-L, ICVE, TO-CCV | ug/m³ | 0.742 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 36993 / FC 19400 **York Sample ID:** 23K1685-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-87-3 | Chloromethane | ND | TO-LC S-L | ug/m³ | 0.207 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** CAN 36993 / FC 19400 **York Sample ID:** 23K1685-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-LC S-L | ug/m³ | 1.07 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 36993 / FC 19400 **York Sample ID:** 23K1685-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.128 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 23:13 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 37807 / FC 19382 **York Sample ID:** 23K1685-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 | 0.687 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-CCV, TO-LCS-L | ug/m³ | 0.742 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 37807 / FC 19382 **York Sample ID:** 23K1685-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-87-3 | Chloromethane | ND | TO-LC S-L | ug/m³ | 0.207 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** CAN 37807 / FC 19382 **York Sample ID:** 23K1685-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-LC S-L | ug/m³ | 1.07 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** **CAN 37807 / FC 19382** **York Sample ID:** **23K1685-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.128 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:06 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 36450 / FC 19417 **York Sample ID:** 23K1685-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 | 0.687 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-CCV, TO-LCS-L | ug/m³ | 0.742 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 36450 / FC 19417 **York Sample ID:** 23K1685-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-87-3 | Chloromethane | ND | TO-LC S-L | ug/m³ | 0.207 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** CAN 36450 / FC 19417 **York Sample ID:** 23K1685-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-LC S-L | ug/m³ | 1.07 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 36450 / FC 19417 **York Sample ID:** 23K1685-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.128 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 00:59 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 17348 / FC 19402 **York Sample ID:** 23K1685-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 | 0.687 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | TO-CCV, TO-LCS-L, ICVE | ug/m³ | 0.742 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 17348 / FC 19402 **York Sample ID:** 23K1685-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-87-3 | Chloromethane | ND | TO-LC S-L | ug/m³ | 0.207 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** CAN 17348 / FC 19402 **York Sample ID:** 23K1685-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-LC S-L | ug/m³ | 1.07 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 17348 / FC 19402 **York Sample ID:** 23K1685-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.128 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 08:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 48304 / FC 19414 **York Sample ID:** 23K1685-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 | 0.687 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-LCS-L | ug/m³ | 0.742 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| 106-99-0 | 1,3-Butadiene | ND | TO-LCS-L | ug/m³ | 0.664 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |

## Sample Information

**Client Sample ID:** CAN 48304 / FC 19414 **York Sample ID:** 23K1685-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | TO-LC S-L | ug/m³ | 0.388 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | TO-LC S-L | ug/m³ | 0.207 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 48304 / FC 19414 **York Sample ID:** 23K1685-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-CCV, TO-LCS-L | ug/m³ | 1.07 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** CAN 48304 / FC 19414 **York Sample ID:** 23K1685-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.128 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 21:11 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 15524 / FC 19392 **York Sample ID:** 23K1685-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 | 0.687 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | TO-LCS-L, ICVE | ug/m³ | 0.742 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| 106-99-0 | 1,3-Butadiene | ND | TO-LCS-L | ug/m³ | 0.664 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |

## Sample Information

**Client Sample ID:** CAN 15524 / FC 19392 **York Sample ID:** 23K1685-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | TO-LC S-L | ug/m³ | 0.388 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | TO-LC S-L | ug/m³ | 0.207 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 15524 / FC 19392 **York Sample ID:** 23K1685-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-LCS-L, TO-CCV | ug/m³ | 1.07 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** CAN 15524 / FC 19392 **York Sample ID:** 23K1685-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-LCS-L, TO-CCV | ug/m³ | 0.128 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:04 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 42989 / FC 19410 **York Sample ID:** 23K1685-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

### 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 | 0.687 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-LCS-L | ug/m³ | 0.742 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| 106-99-0 | 1,3-Butadiene | ND | TO-LCS-L | ug/m³ | 0.664 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |

## Sample Information

**Client Sample ID:** CAN 42989 / FC 19410 **York Sample ID:** 23K1685-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | TO-LC S-L | ug/m³ | 0.388 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | TO-LC S-L | ug/m³ | 0.207 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 42989 / FC 19410 **York Sample ID:** 23K1685-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-CCV, TO-LCS-L | ug/m³ | 1.07 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** **CAN 42989 / FC 19410** **York Sample ID:** **23K1685-09**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.128 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 22:57 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 24117 / FC 6869 **York Sample ID:** 23K1685-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

### 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 | 0.687 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-LCS-L | ug/m³ | 0.742 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| 106-99-0 | 1,3-Butadiene | ND | TO-LCS-L | ug/m³ | 0.664 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |

## Sample Information

**Client Sample ID:** CAN 24117 / FC 6869 **York Sample ID:** 23K1685-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | TO-LC S-L | ug/m³ | 0.388 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | TO-LC S-L | ug/m³ | 0.207 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 24117 / FC 6869 **York Sample ID:** 23K1685-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-CCV, TO-LCS-L | ug/m³ | 1.07 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 24117 / FC 6869 **York Sample ID:** 23K1685-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.128 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/13/2023 23:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 37388 / FC 19394 **York Sample ID:** 23K1685-11

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 | 0.687 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00<br>NELAC-NY12058,NJDEP-NY037 | 12/14/2023 00:44 | VH |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00<br>NELAC-NY12058,NJDEP-NY037 | 12/14/2023 00:44 | VH |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00<br>NELAC-NY12058,NJDEP-NY037 | 12/14/2023 00:44 | VH |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00<br>NELAC-NY12058,NJDEP-NY037 | 12/14/2023 00:44 | VH |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00<br>NELAC-NY12058,NJDEP-NY037 | 12/14/2023 00:44 | VH |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00<br>NELAC-NY12058,NJDEP-NY037 | 12/14/2023 00:44 | VH |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-LCS-L | ug/m³ | 0.742 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00<br>NELAC-NY12058,NJDEP-NY037 | 12/14/2023 00:44 | VH |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00<br>NELAC-NY12058,NJDEP-NY037 | 12/14/2023 00:44 | VH |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00<br>NELAC-NY12058,NJDEP-NY037 | 12/14/2023 00:44 | VH |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00<br>NELAC-NY12058,NJDEP-NY037 | 12/14/2023 00:44 | VH |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00<br>NELAC-NY12058,NJDEP-NY037 | 12/14/2023 00:44 | VH |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00<br>NELAC-NY12058,NJDEP-NY037 | 12/14/2023 00:44 | VH |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00<br>NELAC-NY12058,NJDEP-NY037 | 12/14/2023 00:44 | VH |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00<br>NELAC-NY12058,NJDEP-NY037 | 12/14/2023 00:44 | VH |
| 106-99-0 | 1,3-Butadiene | ND | TO-LCS-L | ug/m³ | 0.664 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00<br>NELAC-NY12058,NJDEP-NY037 | 12/14/2023 00:44 | VH |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00<br>NELAC-NY12058,NJDEP-NY037 | 12/14/2023 00:44 | VH |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00<br>NELAC-NY12058,NJDEP-NY037 | 12/14/2023 00:44 | VH |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00<br>NELAC-NY12058,NJDEP-NY037 | 12/14/2023 00:44 | VH |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00<br>NELAC-NY12058,NJDEP-NY037 | 12/14/2023 00:44 | VH |

## Sample Information

**Client Sample ID:** CAN 37388 / FC 19394 **York Sample ID:** 23K1685-11

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | TO-LC S-L | ug/m³ | 0.388 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | TO-LC S-L | ug/m³ | 0.207 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 37388 / FC 19394 **York Sample ID:** 23K1685-11

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-CCV, TO-LCS-L | ug/m³ | 1.07 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** **CAN 37388 / FC 19394** **York Sample ID:** **23K1685-11**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.128 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 00:44 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 37004 / FC 6863 **York Sample ID:** 23K1685-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

### 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 | 0.687 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-LCS-L | ug/m³ | 0.742 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| 106-99-0 | 1,3-Butadiene | ND | TO-LCS-L | ug/m³ | 0.664 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |

## Sample Information

**Client Sample ID:** CAN 37004 / FC 6863 **York Sample ID:** 23K1685-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | TO-LC S-L | ug/m³ | 0.388 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | TO-LC S-L | ug/m³ | 0.207 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 37004 / FC 6863 **York Sample ID:** 23K1685-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-CCV, TO-LCS-L | ug/m³ | 1.07 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 37004 / FC 6863 **York Sample ID:** 23K1685-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.128 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 01:37 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 28309 / FC 5706 **York Sample ID:** 23K1685-13

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

### 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 | 0.687 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-LCS-L | ug/m³ | 0.742 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| 106-99-0 | 1,3-Butadiene | ND | TO-LCS-L | ug/m³ | 0.664 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |

## Sample Information

**Client Sample ID:** CAN 28309 / FC 5706 **York Sample ID:** 23K1685-13

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | TO-LC S-L | ug/m³ | 0.388 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | TO-LC S-L | ug/m³ | 0.207 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 28309 / FC 5706 **York Sample ID:** 23K1685-13

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-CCV, TO-LCS-L | ug/m³ | 1.07 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 28309 / FC 5706 **York Sample ID:** 23K1685-13

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.128 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 02:30 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 18317 / FC 16420 **York Sample ID:** 23K1685-14

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

### 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 | 0.687 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-LCS-L | ug/m³ | 0.742 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| 106-99-0 | 1,3-Butadiene | ND | TO-LCS-L | ug/m³ | 0.664 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |

## Sample Information

**Client Sample ID:** CAN 18317 / FC 16420 **York Sample ID:** 23K1685-14

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | TO-LC S-L | ug/m³ | 0.388 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | TO-LC S-L | ug/m³ | 0.207 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 18317 / FC 16420 **York Sample ID:** 23K1685-14

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-CCV, TO-LCS-L | ug/m³ | 1.07 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 18317 / FC 16420 **York Sample ID:** 23K1685-14

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1685 | 170340204 | Air | November 28, 2023 11:55 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.128 | 1 | EPA TO-15 | 12/13/2023 12:00 | 12/14/2023 03:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP03_121423 **York Sample ID:** 23L1199-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 7:40 pm | 12/15/2023 |

**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 | 1.16 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.919 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 1.16 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 1.29 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.919 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.682 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.334 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 1.25 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **1.32** | | ug/m³ | 0.828 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 1.29 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 1.01 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.682 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.778 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 1.18 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.828 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 1.12 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 1.01 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.778 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 1.01 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 1.21 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **1.24** | | ug/m³ | 0.497 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 1.38 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241175_SSPP03_121423 **York Sample ID:** 23L1199-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 7:40 pm | 12/15/2023 |

**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 | 2.64 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.690 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-64-1 | **Acetone** | **13.7** | | ug/m³ | 0.800 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 107-13-1 | **Acrylonitrile** | **0.548** | | ug/m³ | 0.365 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 71-43-2 | **Benzene** | **0.592** | | ug/m³ | 0.538 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.872 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 1.13 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.74 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.654 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.524 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 56-23-5 | **Carbon tetrachloride** | **0.424** | | ug/m³ | 0.265 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.775 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.444 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.822 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-87-3 | **Chloromethane** | **1.39** | | ug/m³ | 0.348 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.334 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.764 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-82-7 | **Cyclohexane** | **4.75** | | ug/m³ | 0.580 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 1.43 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-71-8 | **Dichlorodifluoromethane** | **2.75** | | ug/m³ | 0.833 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 1.21 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.731 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** C241175_SSPP03_121423 **York Sample ID:** 23L1199-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 7:40 pm | 12/15/2023 |

**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 | | ug/m³ | 1.80 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **12.6** | | ug/m³ | 2.07 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.689 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.607 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **4.50** | | ug/m³ | 1.17 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.690 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **2.49** | | ug/m³ | 0.594 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.731 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 1.46 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | *** p-Ethyltoluene** | **0.911** | | ug/m³ | 0.828 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.290 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.717 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 1.14 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.993 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **1.46** | | ug/m³ | 0.635 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.668 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.764 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.226 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.32** | | ug/m³ | 0.946 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | **Vinyl acetate** | **0.652** | | ug/m³ | 0.593 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.737 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.215 | 1.684 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 12:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** **C241175_SSPP03_121423** **York Sample ID:** **23L1199-01**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 7:40 pm | 12/15/2023 |

## Sample Information

**Client Sample ID:** C241175_IA03_121423 **York Sample ID:** 23L1199-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:41 pm | 12/15/2023 |

**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 | 0.662 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | **1,1,1-Trichloroethane** | **0.737** | | ug/m³ | 0.527 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.662 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.740 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.527 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.391 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.191 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.716 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **1.85** | | ug/m³ | 0.474 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.741 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.580 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.391 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.446 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.675 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **0.569** | | ug/m³ | 0.474 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.640 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.580 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.446 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.580 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.695 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **1.48** | | ug/m³ | 0.285 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.791 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241175_IA03_121423 **York Sample ID:** 23L1199-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:41 pm | 12/15/2023 |

**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 | 1.51 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.395 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **16.7** | | ug/m³ | 0.458 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.209 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **0.647** | | ug/m³ | 0.308 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.500 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.646 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.997 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.375 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.301 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.607** | TO-CCV | ug/m³ | 0.152 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.444 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.255 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.471 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **1.53** | | ug/m³ | 0.199 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.191 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.438 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | **Cyclohexane** | **4.95** | | ug/m³ | 0.332 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.822 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **3.10** | | ug/m³ | 0.477 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | *** Ethyl acetate** | **1.04** | | ug/m³ | 0.695 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.419 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA03_121423 **York Sample ID:** 23L1199-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:41 pm | 12/15/2023 |

**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 | | ug/m³ | 1.03 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **44.9** | | ug/m³ | 1.19 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.395 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.348 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **5.26** | | ug/m³ | 0.670 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.396 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **2.69** | | ug/m³ | 0.340 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | **o-Xylene** | **0.419** | | ug/m³ | 0.419 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | **p- & m- Xylenes** | **0.880** | | ug/m³ | 0.838 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | *** p-Ethyltoluene** | **1.23** | | ug/m³ | 0.474 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.166 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.411 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | **Tetrachloroethylene** | **0.655** | | ug/m³ | 0.655 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.569 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **1.89** | | ug/m³ | 0.364 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.383 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.438 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | **Trichloroethylene** | **0.207** | | ug/m³ | 0.130 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.63** | | ug/m³ | 0.542 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | **Vinyl acetate** | **0.612** | | ug/m³ | 0.340 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.422 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.123 | 0.965 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 05:03 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** **C241175_IA03_121423** **York Sample ID:** **23L1199-02**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:41 pm | 12/15/2023 |

## Sample Information

**Client Sample ID:** C241175_SSV04_121423 **York Sample ID:** 23L1199-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 7:42 pm | 12/15/2023 |

**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 | 2.28 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | | | |
| 71-55-6 | **1,1,1-Trichloroethane** | **82.5** | | ug/m³ | 1.81 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 2.28 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 2.55 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 1.81 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 1.34 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.659 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 2.47 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 1.63 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 2.55 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 2.00 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 1.34 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 1.54 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | **1,2-Dichlorotetrafluoroethane** | **742** | | ug/m³ | 2.32 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 1.63 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 2.20 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 2.00 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 1.54 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 2.00 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 2.39 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **2.16** | | ug/m³ | 0.980 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 2.72 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241175_SSV04_121423 **York Sample ID:** 23L1199-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 7:42 pm | 12/15/2023 |

### 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 | 5.20 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 1.36 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **16.5** | | ug/m³ | 1.58 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | **Acrylonitrile** | **1.44** | | ug/m³ | 0.721 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 1.06 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 1.72 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 2.23 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 3.43 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 1.29 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 1.03 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.627** | | ug/m³ | 0.522 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 1.53 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.876 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | **Chloroform** | **4.06** | | ug/m³ | 1.62 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **104** | | ug/m³ | 0.686 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.659 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 1.51 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | **Cyclohexane** | **3.20** | | ug/m³ | 1.14 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 2.83 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **3.12** | | ug/m³ | 1.64 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 2.39 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 1.44 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSV04_121423 **York Sample ID:** 23L1199-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 7:42 pm | 12/15/2023 |

**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 | | ug/m³ | 3.54 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-63-0 | **Isopropanol** | **246** | | ug/m³ | 4.08 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 1.36 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 1.20 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-09-2 | **Methylene chloride** | **3.00** | | ug/m³ | 2.31 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 1.36 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-54-3 | **n-Hexane** | **1.76** | | ug/m³ | 1.17 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 1.44 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 2.88 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 1.63 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.572 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 1.42 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 127-18-4 | **Tetrachloroethylene** | **2.48** | | ug/m³ | 2.25 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 1.96 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **3.25** | | ug/m³ | 1.25 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 1.32 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 1.51 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-01-6 | **Trichloroethylene** | **11.1** | | ug/m³ | 0.446 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 1.87 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 1.17 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 1.45 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.425 | 3.322 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 16:34 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** **C241175_SSV04_121423** **York Sample ID:** **23L1199-03**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 7:42 pm | 12/15/2023 |

## Sample Information

**Client Sample ID:** C241175_IA06_121423 **York Sample ID:** 23L1199-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:43 pm | 12/15/2023 |

### 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 | 0.590 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | **1,1,1-Trichloroethane** | **0.563** | | ug/m³ | 0.469 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.590 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.659 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.469 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.348 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.170 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.638 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **1.61** | | ug/m³ | 0.423 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.661 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.517 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.348 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.397 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | **1,2-Dichlorotetrafluoroethane** | **1.20** | | ug/m³ | 0.601 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **0.507** | | ug/m³ | 0.423 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.571 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.517 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.397 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.517 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.620 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **1.83** | | ug/m³ | 0.254 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.705 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241175_IA06_121423 **York Sample ID:** 23L1199-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:43 pm | 12/15/2023 |

**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 | 1.35 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | **4-Methyl-2-pentanone** | **0.458** | | ug/m³ | 0.352 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **16.3** | | ug/m³ | 0.409 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.187 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **0.604** | | ug/m³ | 0.275 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.445 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.576 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.889 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.334 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.268 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.487** | TO-CCV | ug/m³ | 0.135 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.396 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.227 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.420 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **1.28** | | ug/m³ | 0.178 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.170 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.390 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | **Cyclohexane** | **4.68** | | ug/m³ | 0.296 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.733 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **2.89** | | ug/m³ | 0.425 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | *** Ethyl acetate** | **0.930** | | ug/m³ | 0.620 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.373 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA06_121423 **York Sample ID:** 23L1199-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:43 pm | 12/15/2023 |

**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 | | ug/m³ | 0.917 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **12.1** | | ug/m³ | 1.06 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | **Methyl Methacrylate** | **0.599** | | ug/m³ | 0.352 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.310 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **6.57** | | ug/m³ | 0.597 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.352 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **2.49** | | ug/m³ | 0.303 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | **o-Xylene** | **0.411** | | ug/m³ | 0.373 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | **p- & m- Xylenes** | **0.859** | | ug/m³ | 0.747 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | *** p-Ethyltoluene** | **1.10** | | ug/m³ | 0.423 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.148 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.366 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | **Tetrachloroethylene** | **0.583** | | ug/m³ | 0.583 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.507 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **1.59** | | ug/m³ | 0.324 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.341 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.390 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | **Trichloroethylene** | **0.231** | | ug/m³ | 0.116 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.55** | | ug/m³ | 0.483 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | **Vinyl acetate** | **0.575** | | ug/m³ | 0.303 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.376 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.110 | 0.86 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 07:23 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** **C241175_IA06_121423** **York Sample ID:** **23L1199-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:43 pm | 12/15/2023 |

## Sample Information

**Client Sample ID:** C241175_SSPP04_121423 **York Sample ID:** 23L1199-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 7:44 pm | 12/15/2023 |

### 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 | 5.43 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | | | |
| 71-55-6 | **1,1,1-Trichloroethane** | **850** | | ug/m³ | 4.32 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 5.43 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 6.07 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 4.32 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | **1,1-Dichloroethane** | **18.3** | | ug/m³ | 3.20 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 1.57 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 5.87 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 3.89 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 6.08 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 4.76 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 3.20 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 3.66 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 5.53 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 3.89 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 5.25 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 4.76 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 3.66 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 4.76 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 5.70 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 2.33 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 6.48 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241175_SSPP04_121423 **York Sample ID:** 23L1199-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 7:44 pm | 12/15/2023 |

**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 | 12.4 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 3.24 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **13.3** | | ug/m³ | 3.76 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 1.72 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 2.53 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 4.10 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 5.30 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 8.18 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 3.07 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 2.46 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 1.24 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 3.64 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 2.09 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | **Chloroform** | **5.41** | | ug/m³ | 3.86 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 1.63 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 1.57 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 3.59 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | **Cyclohexane** | **3.81** | | ug/m³ | 2.72 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 6.74 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 3.91 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 5.70 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 3.44 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP04_121423 **York Sample ID:** 23L1199-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 7:44 pm | 12/15/2023 |

**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 | | ug/m³ | 8.44 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-63-0 | **Isopropanol** | **102** | | ug/m³ | 9.73 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 3.24 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 2.85 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 5.50 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 3.24 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 2.79 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 3.44 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 6.87 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 3.89 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 1.36 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 3.37 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 5.37 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 4.67 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 2.98 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 3.14 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 3.59 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 1.06 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 4.45 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 2.79 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 3.46 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 1.01 | 7.915 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 14:38 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** **C241175_SSPP04_121423** **York Sample ID:** **23L1199-05**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 7:44 pm | 12/15/2023 |

## Sample Information

**Client Sample ID:** C241175_IA04_121423 **York Sample ID:** 23L1199-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:45 pm | 12/15/2023 |

### 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 | 0.700 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | **1,1,1-Trichloroethane** | **0.724** | | ug/m³ | 0.557 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.700 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.782 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.557 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.413 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.202 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.757 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **2.16** | | ug/m³ | 0.501 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.784 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.613 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.413 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.471 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | **1,2-Dichlorotetrafluoroethane** | **0.998** | | ug/m³ | 0.713 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **0.652** | | ug/m³ | 0.501 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.677 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.613 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.471 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.613 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.735 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **1.74** | | ug/m³ | 0.301 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.836 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241175_IA04_121423 **York Sample ID:** 23L1199-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:45 pm | 12/15/2023 |

**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 | 1.60 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.418 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **17.3** | | ug/m³ | 0.485 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | **Acrylonitrile** | **2.04** | TO-CC V, B | ug/m³ | 0.221 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **0.587** | | ug/m³ | 0.326 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.528 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.683 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.05 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.396 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.318 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.449** | TO-CC V | ug/m³ | 0.160 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.470 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.269 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.498 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **1.24** | | ug/m³ | 0.211 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.202 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.463 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | **Cyclohexane** | **6.50** | | ug/m³ | 0.351 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.869 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **2.88** | | ug/m³ | 0.504 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | *** Ethyl acetate** | **1.07** | | ug/m³ | 0.735 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.443 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA04_121423 **York Sample ID:** 23L1199-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:45 pm | 12/15/2023 |

**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 | | ug/m³ | 1.09 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **12.4** | | ug/m³ | 1.25 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.418 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.368 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **6.24** | | ug/m³ | 0.709 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.418 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **3.31** | | ug/m³ | 0.360 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | **o-Xylene** | **0.443** | | ug/m³ | 0.443 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.886 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | *** p-Ethyltoluene** | **1.60** | | ug/m³ | 0.501 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.176 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.434 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.692 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.602 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **1.65** | | ug/m³ | 0.384 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.404 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.463 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | **Trichloroethylene** | **0.219** | | ug/m³ | 0.137 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.49** | | ug/m³ | 0.573 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | **Vinyl acetate** | **0.934** | | ug/m³ | 0.359 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.446 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.130 | 1.02 | EPA TO-15 | 12/19/2023 11:00 | 12/20/2023 08:32 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** **C241175_IA04_121423** **York Sample ID:** **23L1199-06**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:45 pm | 12/15/2023 |

## Sample Information

**Client Sample ID:** C241175_SSPP01_121423 **York Sample ID:** 23L1199-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 7:46 pm | 12/15/2023 |

### 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 | 1.15 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | | | |
| 71-55-6 | **1,1,1-Trichloroethane** | **168** | | ug/m³ | 0.913 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 1.15 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 1.28 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.913 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | **1,1-Dichloroethane** | **23.3** | | ug/m³ | 0.678 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | **1,1-Dichloroethylene** | **0.332** | | ug/m³ | 0.332 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 1.24 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **1.81** | | ug/m³ | 0.823 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 1.29 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 1.01 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.677 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.774 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 1.17 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.823 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 1.11 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 1.01 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.774 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 1.01 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 1.21 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.494 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 1.37 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241175_SSPP01_121423 **York Sample ID:** 23L1199-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 7:46 pm | 12/15/2023 |

**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 | 2.62 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.686 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-64-1 | **Acetone** | **1.03** | | ug/m³ | 0.795 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 107-13-1 | **Acrylonitrile** | **0.363** | | ug/m³ | 0.363 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.535 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.867 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 1.12 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.73 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.650 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.521 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.263 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.771 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.442 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-66-3 | **Chloroform** | **2.21** | | ug/m³ | 0.817 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.346 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.332 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.760 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.576 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 1.43 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.828 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 1.21 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.727 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** C241175_SSPP01_121423 **York Sample ID:** 23L1199-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 7:46 pm | 12/15/2023 |

**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 | | ug/m³ | 1.79 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-63-0 | **Isopropanol** | **2.39** | B | ug/m³ | 0.823 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.685 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.604 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 1.16 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.686 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.590 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.727 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 1.45 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 622-96-8 | * **p-Ethyltoluene** | **0.988** | | ug/m³ | 0.823 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.288 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.713 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 127-18-4 | **Tetrachloroethylene** | **3.18** | | ug/m³ | 1.14 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.987 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.631 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.664 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.760 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.225 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.941 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.589 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.732 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.214 | 1.674 | EPA TO-15 | 12/21/2023 17:00 | 12/21/2023 23:54 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

| Client Sample ID: | C241175_SSPP01_121423 | York Sample ID: | 23L1199-07 |
|---|---|---|---|

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 7:46 pm | 12/15/2023 |

## Sample Information

**Client Sample ID:** C241175_IA01_121423 **York Sample ID:** 23L1199-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:47 pm | 12/15/2023 |

**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 | 0.620 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | **1,1,1-Trichloroethane** | **0.591** | | ug/m³ | 0.493 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.620 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.692 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.493 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.365 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.179 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-LCS-L | ug/m³ | 0.670 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **1.69** | | ug/m³ | 0.444 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.694 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.543 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.365 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.417 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | TO-LCS-L | ug/m³ | 0.631 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **0.577** | | ug/m³ | 0.444 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | TO-LCS-L | ug/m³ | 0.599 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.543 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.417 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.543 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.651 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **1.54** | | ug/m³ | 0.266 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA01_121423 **York Sample ID:** 23L1199-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:47 pm | 12/15/2023 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.740 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.41 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.370 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **15.9** | | ug/m³ | 0.429 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.196 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **0.490** | | ug/m³ | 0.288 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.467 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.605 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.933 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.351 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.281 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.454** | | ug/m³ | 0.142 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.416 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.238 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.441 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **0.839** | TO-CCV, TO-LCS-L | ug/m³ | 0.186 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.179 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.410 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | **Cyclohexane** | **6.43** | | ug/m³ | 0.311 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.769 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **2.19** | | ug/m³ | 0.447 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA01_121423 **York Sample ID:** 23L1199-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:47 pm | 12/15/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * **Ethyl acetate** | **0.944** | | ug/m³ | 0.651 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.392 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-LC S-L | ug/m³ | 0.963 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **12.6** | B | ug/m³ | 1.11 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | **Methyl Methacrylate** | **0.370** | | ug/m³ | 0.370 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.326 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **5.99** | | ug/m³ | 0.627 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.370 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **3.15** | | ug/m³ | 0.318 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | **o-Xylene** | **0.392** | | ug/m³ | 0.392 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.784 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * **p-Ethyltoluene** | **1.33** | | ug/m³ | 0.444 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.155 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.385 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.612 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.533 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **1.50** | | ug/m³ | 0.340 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.358 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.410 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | **Trichloroethylene** | **0.194** | | ug/m³ | 0.121 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.12** | | ug/m³ | 0.507 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | **Vinyl acetate** | **0.795** | | ug/m³ | 0.318 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA01_121423 **York Sample ID:** 23L1199-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:47 pm | 12/15/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.395 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.115 | 0.903 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 00:52 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP02_121423 **York Sample ID:** 23L1199-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 7:50 pm | 12/15/2023 |

### 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 | 2.23 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | **1,1,1-Trichloroethane** | **343** | | ug/m³ | 1.77 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 2.23 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 2.48 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 1.77 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | **1,1-Dichloroethane** | **192** | | ug/m³ | 1.31 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | **1,1-Dichloroethylene** | **1.29** | | ug/m³ | 0.643 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-LCS-L | ug/m³ | 2.41 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 1.59 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 2.49 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 1.95 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 1.31 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 1.50 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | TO-LCS-L | ug/m³ | 2.27 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 1.59 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | TO-LCS-L | ug/m³ | 2.15 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 1.95 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 1.50 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 1.95 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 2.34 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **1.05** | | ug/m³ | 0.956 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP02_121423 **York Sample ID:** 23L1199-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 7:50 pm | 12/15/2023 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 2.66 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 5.07 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 1.33 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **9.86** | | ug/m³ | 1.54 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.704 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 1.04 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 1.68 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 2.17 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 3.35 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 1.26 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 1.01 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.612** | | ug/m³ | 0.510 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 1.49 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.855 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | **Chloroform** | **5.22** | | ug/m³ | 1.58 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.669 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.643 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 1.47 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | **Cyclohexane** | **3.79** | | ug/m³ | 1.12 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 2.76 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **2.24** | | ug/m³ | 1.60 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP02_121423 **York Sample ID:** 23L1199-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 7:50 pm | 12/15/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 2.34 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 1.41 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-LC S-L | ug/m³ | 3.46 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **212** | B | ug/m³ | 3.98 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 1.33 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 1.17 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **5.07** | | ug/m³ | 2.25 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 1.33 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **2.06** | | ug/m³ | 1.14 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 1.41 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 2.82 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 1.59 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.558 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 1.38 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | **Tetrachloroethylene** | **3.74** | | ug/m³ | 2.20 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 1.91 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **2.81** | | ug/m³ | 1.22 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 1.29 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 1.47 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | **Trichloroethylene** | **0.871** | | ug/m³ | 0.436 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 1.82 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 1.14 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP02_121423 **York Sample ID:** 23L1199-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 7:50 pm | 12/15/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 1.42 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.414 | 3.242 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 08:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA02_121423 **York Sample ID:** 23L1199-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:51 pm | 12/15/2023 |

**VOA, TO15 MASTER** **Log-in Notes:** **Sample Notes:** TO-VAC

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 630-20-6 | * 1,1,1,2-Tetrachloroethane | ND | | ug/m³ | 0.557 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | **1,1,1-Trichloroethane** | **0.576** | | ug/m³ | 0.443 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.557 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.622 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.443 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.329 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.161 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-LCS-L | ug/m³ | 0.603 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **3.43** | | ug/m³ | 0.399 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.624 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.488 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.329 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.375 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | TO-LCS-L | ug/m³ | 0.568 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **1.16** | | ug/m³ | 0.399 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | TO-LCS-L | ug/m³ | 0.539 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.488 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.375 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.488 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.585 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **1.44** | | ug/m³ | 0.239 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA02_121423 **York Sample ID:** 23L1199-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:51 pm | 12/15/2023 |

**VOA, TO15 MASTER** **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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.665 | 0.812 | EPA TO-15 Certifications: | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.27 | 0.812 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| 108-10-1 | **4-Methyl-2-pentanone** | **0.366** | | ug/m³ | 0.333 | 0.812 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| 67-64-1 | **Acetone** | **15.3** | | ug/m³ | 0.386 | 0.812 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.176 | 0.812 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| 71-43-2 | **Benzene** | **0.493** | | ug/m³ | 0.259 | 0.812 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.420 | 0.812 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.544 | 0.812 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.839 | 0.812 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.315 | 0.812 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.253 | 0.812 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| 56-23-5 | **Carbon tetrachloride** | **0.409** | | ug/m³ | 0.128 | 0.812 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.374 | 0.812 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.214 | 0.812 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.396 | 0.812 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| 74-87-3 | **Chloromethane** | **0.838** | TO-CCV, TO-LCS-L | ug/m³ | 0.168 | 0.812 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.161 | 0.812 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.369 | 0.812 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| 110-82-7 | **Cyclohexane** | **7.07** | | ug/m³ | 0.280 | 0.812 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.692 | 0.812 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| 75-71-8 | **Dichlorodifluoromethane** | **2.29** | | ug/m³ | 0.402 | 0.812 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |

## Sample Information

**Client Sample ID:** C241175_IA02_121423 **York Sample ID:** 23L1199-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:51 pm | 12/15/2023 |

**VOA, TO15 MASTER** **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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | *** Ethyl acetate** | **0.907** | | ug/m³ | 0.585 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.353 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-LC S-L | ug/m³ | 0.866 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **11.6** | B | ug/m³ | 0.998 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | **Methyl Methacrylate** | **0.332** | | ug/m³ | 0.332 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.293 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **6.77** | | ug/m³ | 0.564 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | **n-Heptane** | **0.333** | | ug/m³ | 0.333 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **3.43** | | ug/m³ | 0.286 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | **o-Xylene** | **0.494** | | ug/m³ | 0.353 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | **p- & m- Xylenes** | **0.811** | | ug/m³ | 0.705 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | *** p-Ethyltoluene** | **2.47** | | ug/m³ | 0.399 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.140 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.346 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.551 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.479 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **1.56** | | ug/m³ | 0.306 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.322 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.369 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | **Trichloroethylene** | **0.131** | | ug/m³ | 0.109 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.14** | | ug/m³ | 0.456 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | **Vinyl acetate** | **0.801** | | ug/m³ | 0.286 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA02_121423 **York Sample ID:** 23L1199-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:51 pm | 12/15/2023 |

**VOA, TO15 MASTER**

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.355 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.104 | 0.812 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 01:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP05_121423 **York Sample ID:** 23L1199-11

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 3:00 pm | 12/15/2023 |

### 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 | 1.05 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | **1,1,1-Trichloroethane** | **4.52** | | ug/m³ | 0.836 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 1.05 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 1.17 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.836 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.620 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.304 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | TO-LCS-L, ICVE | ug/m³ | 1.14 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **0.829** | | ug/m³ | 0.754 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 1.18 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.922 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.620 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.708 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | TO-LCS-L | ug/m³ | 1.07 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.754 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | TO-LCS-L | ug/m³ | 1.02 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.922 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.708 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.922 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 1.10 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **1.13** | | ug/m³ | 0.452 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP05_121423 **York Sample ID:** 23L1199-11

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 3:00 pm | 12/15/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 1.26 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 2.40 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.628 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **11.5** | | ug/m³ | 0.728 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.333 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.490 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.794 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 1.03 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.58 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.595 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.477 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.386** | | ug/m³ | 0.241 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.706 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.404 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.749 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | TO-LCS-L, TO-CCV | ug/m³ | 0.317 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.304 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.696 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | **Cyclohexane** | **3.22** | | ug/m³ | 0.528 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 1.31 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **1.36** | | ug/m³ | 0.758 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP05_121423 **York Sample ID:** 23L1199-11

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 3:00 pm | 12/15/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * **Ethyl acetate** | **1.44** | | ug/m³ | 1.10 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.666 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-LC S-L | ug/m³ | 1.63 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **223** | TO-IPA, B, E | ug/m³ | 1.88 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.628 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.553 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **2.34** | | ug/m³ | 1.07 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.628 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **1.78** | | ug/m³ | 0.540 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.666 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 1.33 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.754 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.264 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.653 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | **Tetrachloroethylene** | **1.04** | | ug/m³ | 1.04 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.904 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **2.48** | | ug/m³ | 0.578 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.608 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.696 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.206 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.03** | | ug/m³ | 0.861 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.540 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP05_121423 **York Sample ID:** 23L1199-11

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Soil Vapor | December 14, 2023 3:00 pm | 12/15/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.671 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.196 | 1.533 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 09:12 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA05_121423 **York Sample ID:** 23L1199-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:19 pm | 12/15/2023 |

**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 | 0.580 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.461 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.580 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.648 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.461 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.342 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.168 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-LCS-L | ug/m³ | 0.627 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **0.498** | | ug/m³ | 0.415 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.649 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.508 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.342 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.390 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | TO-LCS-L | ug/m³ | 0.591 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.415 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | TO-LCS-L | ug/m³ | 0.561 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.508 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.390 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.508 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.609 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **1.12** | | ug/m³ | 0.249 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA05_121423 **York Sample ID:** 23L1199-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:19 pm | 12/15/2023 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.692 | 0.845 | EPA TO-15<br>Certifications: | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.32 | 0.845 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.346 | 0.845 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| 67-64-1 | **Acetone** | **10.9** | | ug/m³ | 0.401 | 0.845 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| 107-13-1 | **Acrylonitrile** | **0.458** | | ug/m³ | 0.183 | 0.845 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| 71-43-2 | **Benzene** | **0.486** | | ug/m³ | 0.270 | 0.845 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.437 | 0.845 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.566 | 0.845 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.873 | 0.845 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.328 | 0.845 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.263 | 0.845 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| 56-23-5 | **Carbon tetrachloride** | **0.425** | | ug/m³ | 0.133 | 0.845 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.389 | 0.845 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.223 | 0.845 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.413 | 0.845 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| 74-87-3 | **Chloromethane** | **0.838** | TO-CCV, TO-LCS-L | ug/m³ | 0.174 | 0.845 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.168 | 0.845 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.384 | 0.845 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| 110-82-7 | **Cyclohexane** | **4.62** | | ug/m³ | 0.291 | 0.845 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.720 | 0.845 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| 75-71-8 | **Dichlorodifluoromethane** | **2.30** | | ug/m³ | 0.418 | 0.845 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |

## Sample Information

**Client Sample ID:** C241175_IA05_121423 **York Sample ID:** 23L1199-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:19 pm | 12/15/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.609 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.367 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-LC S-L | ug/m³ | 0.901 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **4.88** | B | ug/m³ | 1.04 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.346 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.305 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **3.76** | | ug/m³ | 0.587 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.346 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **2.29** | | ug/m³ | 0.298 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.367 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.734 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.415 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | *** Propylene** | **2.70** | | ug/m³ | 0.145 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.360 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | **Tetrachloroethylene** | **0.688** | | ug/m³ | 0.573 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.498 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **1.18** | | ug/m³ | 0.318 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.335 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.384 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.114 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.19** | | ug/m³ | 0.475 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | **Vinyl acetate** | **0.476** | | ug/m³ | 0.298 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA05_121423 **York Sample ID:** 23L1199-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Indoor Ambient Air | December 14, 2023 7:19 pm | 12/15/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.370 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.108 | 0.845 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 02:51 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_AA02_121423 **York Sample ID:** 23L1199-13

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Outdoor Ambient Air | December 14, 2023 8:00 pm | 12/15/2023 |

**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 | 0.574 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.456 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.574 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.641 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.456 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.338 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.166 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-LCS-L | ug/m³ | 0.620 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.411 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.642 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.503 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.338 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.386 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | TO-LCS-L | ug/m³ | 0.584 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.411 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | TO-LCS-L | ug/m³ | 0.555 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.503 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.386 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.503 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.602 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **0.419** | | ug/m³ | 0.247 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_AA02_121423 **York Sample ID:** 23L1199-13

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Outdoor Ambient Air | December 14, 2023 8:00 pm | 12/15/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.685 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.31 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.342 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **3.65** | | ug/m³ | 0.397 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.181 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **0.614** | | ug/m³ | 0.267 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.433 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.560 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.864 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.325 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.260 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.421** | | ug/m³ | 0.131 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.385 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.221 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.408 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **0.915** | TO-CCV, TO-LCS-L | ug/m³ | 0.173 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.166 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.379 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.288 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.712 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **2.32** | | ug/m³ | 0.413 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_AA02_121423 **York Sample ID:** 23L1199-13

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Outdoor Ambient Air | December 14, 2023 8:00 pm | 12/15/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.602 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.363 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-LC S-L | ug/m³ | 0.892 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **2.77** | B | ug/m³ | 1.03 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.342 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.301 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **0.871** | | ug/m³ | 0.581 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.343 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **0.413** | | ug/m³ | 0.295 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.363 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.726 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.411 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | *** Propylene** | **1.02** | | ug/m³ | 0.144 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.356 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.567 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.493 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **1.01** | | ug/m³ | 0.315 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.331 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.379 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.112 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.17** | | ug/m³ | 0.470 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.294 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_AA02_121423 **York Sample ID:** 23L1199-13

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1199 | 170340204 | Outdoor Ambient Air | December 14, 2023 8:00 pm | 12/15/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.366 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.107 | 0.836 | EPA TO-15 | 12/19/2023 07:00 | 12/20/2023 03:50 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

# Analytical Batch Summary

**Batch ID:** BL30854 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 23K1685-01 | CAN 28307 / FC 19430 | 12/12/23 |
| 23K1685-02 | CAN 37797 / FC 7081 | 12/12/23 |
| 23K1685-03 | CAN 36993 / FC 19400 | 12/12/23 |
| 23K1685-04 | CAN 37807 / FC 19382 | 12/12/23 |
| 23K1685-05 | CAN 36450 / FC 19417 | 12/12/23 |
| 23K1685-06 | CAN 17348 / FC 19402 | 12/12/23 |
| BL30854-BLK1 | Blank | 12/12/23 |
| BL30854-BS1 | LCS | 12/12/23 |
| BL30854-DUP1 | Duplicate | 12/12/23 |

**Batch ID:** BL30976 **Preparation Method:** EPA TO15 PREP **Prepared By:** VH

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 23K1685-07 | CAN 48304 / FC 19414 | 12/13/23 |
| 23K1685-08 | CAN 15524 / FC 19392 | 12/13/23 |
| 23K1685-09 | CAN 42989 / FC 19410 | 12/13/23 |
| 23K1685-10 | CAN 24117 / FC 6869 | 12/13/23 |
| 23K1685-11 | CAN 37388 / FC 19394 | 12/13/23 |
| 23K1685-12 | CAN 37004 / FC 6863 | 12/13/23 |
| 23K1685-13 | CAN 28309 / FC 5706 | 12/13/23 |
| 23K1685-14 | CAN 18317 / FC 16420 | 12/13/23 |
| BL30976-BLK1 | Blank | 12/13/23 |
| BL30976-BS1 | LCS | 12/13/23 |
| BL30976-DUP1 | Duplicate | 12/13/23 |

**Batch ID:** BL31397 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 23L1199-02 | C241175_IA03_121423 | 12/19/23 |
| 23L1199-04 | C241175_IA06_121423 | 12/19/23 |
| 23L1199-06 | C241175_IA04_121423 | 12/19/23 |
| BL31397-BLK1 | Blank | 12/19/23 |
| BL31397-BS1 | LCS | 12/19/23 |

**Batch ID:** BL31401 **Preparation Method:** EPA TO15 PREP **Prepared By:** VH

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 23L1199-08 | C241175_IA01_121423 | 12/19/23 |
| 23L1199-09 | C241175_SSPP02_121423 | 12/19/23 |
| 23L1199-10 | C241175_IA02_121423 | 12/19/23 |
| 23L1199-11 | C241175_SSPP05_121423 | 12/19/23 |
| 23L1199-12 | C241175_IA05_121423 | 12/19/23 |
| 23L1199-13 | C241175_AA02_121423 | 12/19/23 |
| BL31401-BLK1 | Blank | 12/19/23 |

| | | |
|---|---|---|
| BL31401-BS1 | LCS | 12/19/23 |
| BL31401-DUP1 | Duplicate | 12/19/23 |

**Batch ID:** BL31632 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 23L1199-01 | C241175_SSPP03_121423 | 12/20/23 |
| 23L1199-03 | C241175_SSV04_121423 | 12/20/23 |
| 23L1199-05 | C241175_SSPP04_121423 | 12/20/23 |
| BL31632-BLK1 | Blank | 12/20/23 |
| BL31632-BS1 | LCS | 12/20/23 |
| BL31632-DUP1 | Duplicate | 12/20/23 |

**Batch ID:** BL31653 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 23L1199-07 | C241175_SSPP01_121423 | 12/21/23 |
| BL31653-BLK1 | Blank | 12/21/23 |
| BL31653-BS1 | LCS | 12/21/23 |
| BL31653-DUP1 | Duplicate | 12/21/23 |

## 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 BL30854 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BL30854-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 12/12/2023 | | |
| 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 | 0.615 | 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 BL30854 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BL30854-BLK1)** Blank | | | | | | | | Prepared & Analyzed: 12/12/2023 | | | |
| 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 (BL30854-BS1)** LCS | | | | | | | | Prepared & Analyzed: 12/12/2023 | | | |
| 1,1,1,2-Tetrachloroethane | 11.0 | | ppbv | 10.0 | | 110 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| 1,1-Dichloroethane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 1,1-Dichloroethylene | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 6.93 | | " | 10.0 | | 69.3 | 70-130 | Low Bias | | | |
| 1,2,4-Trimethylbenzene | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| 1,2-Dibromoethane | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| 1,2-Dichloroethane | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| 1,2-Dichloropropane | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 8.94 | | " | 10.0 | | 89.4 | 70-130 | | | | |
| 1,3,5-Trimethylbenzene | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| 1,3-Butadiene | 7.52 | | " | 10.0 | | 75.2 | 70-130 | | | | |
| 1,3-Dichlorobenzene | 9.66 | | " | 10.0 | | 96.6 | 70-130 | | | | |
| 1,3-Dichloropropane | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 9.56 | | " | 10.0 | | 95.6 | 70-130 | | | | |
| 1,4-Dioxane | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 2-Butanone | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 2-Hexanone | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 3-Chloropropene | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Acetone | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Acrylonitrile | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Benzene | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| Benzyl chloride | 9.88 | | " | 10.0 | | 98.8 | 70-130 | | | | |
| Bromodichloromethane | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| Bromoform | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| Bromomethane | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Carbon disulfide | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Carbon tetrachloride | 11.8 | | " | 10.0 | | 118 | 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 BL30854 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BL30854-BS1)** LCS | | | | | | | | Prepared & Analyzed: 12/12/2023 | | | |
| Chlorobenzene | 10.4 | | ppbv | 10.0 | | 104 | 70-130 | | | | |
| Chloroethane | 12.4 | | " | 10.0 | | 124 | 70-130 | | | | |
| Chloroform | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Chloromethane | 6.96 | | " | 10.0 | | 69.6 | 70-130 | Low Bias | | | |
| cis-1,2-Dichloroethylene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Cyclohexane | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| Dibromochloromethane | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| Dichlorodifluoromethane | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Ethyl acetate | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Ethyl Benzene | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Hexachlorobutadiene | 6.97 | | " | 10.0 | | 69.7 | 70-130 | Low Bias | | | |
| Isopropanol | 9.68 | | " | 10.0 | | 96.8 | 70-130 | | | | |
| Methyl Methacrylate | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| Methylene chloride | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| n-Heptane | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| n-Hexane | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| o-Xylene | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| p- & m- Xylenes | 22.9 | | " | 20.0 | | 114 | 70-130 | | | | |
| p-Ethyltoluene | 12.1 | | " | 10.0 | | 121 | 70-130 | | | | |
| Propylene | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Styrene | 12.3 | | " | 10.0 | | 123 | 70-130 | | | | |
| Tetrachloroethylene | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| Tetrahydrofuran | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| Toluene | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| Trichloroethylene | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Vinyl acetate | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| Vinyl bromide | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Vinyl Chloride | 6.68 | | " | 10.0 | | 66.8 | 70-130 | Low Bias | | | |

## 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 BL30854 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BL30854-DUP1)** Duplicate | *Source sample: 23L0129-06 (Duplicate) | | | | | | | | Prepared: 12/12/2023 Analyzed: 12/13/2023 | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.16 | ug/m³ | | ND | | | | | 25 | |
| 1,1,1-Trichloroethane | 2.13 | 0.925 | " | | 1.94 | | | | 9.09 | 25 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.16 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.30 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloroethane | ND | 0.925 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethane | ND | 0.686 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethylene | ND | 0.336 | " | | ND | | | | | 25 | |
| 1,2,4-Trichlorobenzene | ND | 1.26 | " | | ND | | | | | 25 | |
| 1,2,4-Trimethylbenzene | 2.83 | 0.833 | " | | 3.25 | | | | 13.7 | 25 | |
| 1,2-Dibromoethane | ND | 1.30 | " | | ND | | | | | 25 | |
| 1,2-Dichlorobenzene | ND | 1.02 | " | | ND | | | | | 25 | |
| 1,2-Dichloroethane | ND | 0.686 | " | | ND | | | | | 25 | |
| 1,2-Dichloropropane | ND | 0.783 | " | | ND | | | | | 25 | |
| 1,2-Dichlorotetrafluoroethane | ND | 1.18 | " | | ND | | | | | 25 | |
| 1,3,5-Trimethylbenzene | 0.583 | 0.833 | " | | 0.667 | | | | 13.3 | 25 | |
| 1,3-Butadiene | ND | 1.12 | " | | ND | | | | | 25 | |
| 1,3-Dichlorobenzene | ND | 1.02 | " | | ND | | | | | 25 | |
| 1,3-Dichloropropane | ND | 0.783 | " | | ND | | | | | 25 | |
| 1,4-Dichlorobenzene | ND | 1.02 | " | | ND | | | | | 25 | |
| 1,4-Dioxane | ND | 1.22 | " | | ND | | | | | 25 | |
| 2-Butanone | 4.30 | 0.500 | " | | 4.30 | | | | 0.00 | 25 | |
| 2-Hexanone | 0.417 | 1.39 | " | | 0.486 | | | | 15.4 | 25 | |
| 3-Chloropropene | ND | 2.65 | " | | ND | | | | | 25 | |
| 4-Methyl-2-pentanone | ND | 0.694 | " | | ND | | | | | 25 | |
| Acetone | 5.03 | 0.805 | " | | 4.87 | | | | 3.25 | 25 | |
| Acrylonitrile | ND | 0.368 | " | | ND | | | | | 25 | |
| Benzene | ND | 0.541 | " | | ND | | | | | 25 | |
| Benzyl chloride | 19.0 | 0.878 | " | | 21.1 | | | | 10.5 | 25 | |
| Bromodichloromethane | ND | 1.14 | " | | ND | | | | | 25 | |
| Bromoform | ND | 1.75 | " | | ND | | | | | 25 | |
| Bromomethane | ND | 0.658 | " | | ND | | | | | 25 | |
| Carbon disulfide | ND | 0.528 | " | | ND | | | | | 25 | |
| Carbon tetrachloride | 0.320 | 0.267 | " | | 0.320 | | | | 0.00 | 25 | |
| Chlorobenzene | ND | 0.780 | " | | ND | | | | | 25 | |
| Chloroethane | ND | 0.447 | " | | ND | | | | | 25 | |
| Chloroform | ND | 0.828 | " | | ND | | | | | 25 | |
| Chloromethane | ND | 0.350 | " | | ND | | | | | 25 | |
| cis-1,2-Dichloroethylene | ND | 0.336 | " | | ND | | | | | 25 | |
| cis-1,3-Dichloropropylene | ND | 0.769 | " | | ND | | | | | 25 | |
| Cyclohexane | ND | 0.583 | " | | ND | | | | | 25 | |
| Dibromochloromethane | ND | 1.44 | " | | ND | | | | | 25 | |
| Dichlorodifluoromethane | 2.43 | 0.838 | " | | 2.18 | | | | 10.9 | 25 | |
| Ethyl acetate | ND | 1.22 | " | | ND | | | | | 25 | |
| Ethyl Benzene | 1.32 | 0.736 | " | | 1.40 | | | | 5.41 | 25 | |
| Hexachlorobutadiene | ND | 1.81 | " | | ND | | | | | 25 | |
| Isopropanol | 2.25 | 0.833 | " | | 2.21 | | | | 1.87 | 25 | |
| Methyl Methacrylate | ND | 0.694 | " | | ND | | | | | 25 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.611 | " | | ND | | | | | 25 | |
| Methylene chloride | ND | 1.18 | " | | ND | | | | | 25 | |
| n-Heptane | ND | 0.695 | " | | ND | | | | | 25 | |
| n-Hexane | 0.478 | 0.597 | " | | ND | | | | | 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 BL30854 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BL30854-DUP1)** Duplicate | *Source sample: 23L0129-06 (Duplicate) | | | | | | | | Prepared: 12/12/2023 Analyzed: 12/13/2023 | | |
| o-Xylene | 1.99 | 0.736 | ug/m³ | | 1.91 | | | | 3.77 | 25 | |
| p- & m- Xylenes | 5.52 | 1.47 | " | | 5.45 | | | | 1.34 | 25 | |
| p-Ethyltoluene | 2.33 | 0.833 | " | | 2.33 | | | | 0.00 | 25 | |
| Propylene | 0.496 | 0.292 | " | | 0.496 | | | | 0.00 | 25 | |
| Styrene | 1.08 | 0.722 | " | | 1.16 | | | | 6.45 | 25 | |
| Tetrachloroethylene | 2.07 | 1.15 | " | | 1.95 | | | | 5.71 | 25 | |
| Tetrahydrofuran | ND | 1.00 | " | | ND | | | | | 25 | |
| Toluene | 4.22 | 0.639 | " | | 4.22 | | | | 0.00 | 25 | |
| trans-1,2-Dichloroethylene | ND | 0.672 | " | | ND | | | | | 25 | |
| trans-1,3-Dichloropropylene | ND | 0.769 | " | | ND | | | | | 25 | |
| Trichloroethylene | ND | 0.228 | " | | ND | | | | | 25 | |
| Trichlorofluoromethane (Freon 11) | ND | 0.952 | " | | ND | | | | | 25 | |
| Vinyl acetate | ND | 0.597 | " | | ND | | | | | 25 | |
| Vinyl bromide | ND | 0.741 | " | | ND | | | | | 25 | |
| Vinyl Chloride | ND | 0.217 | " | | ND | | | | | 25 | |
| **Batch BL30976 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BL30976-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 12/13/2023 | | |
| 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 | " | | | | | | | | |

## 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 BL30976 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BL30976-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 12/13/2023 | | |
| Carbon tetrachloride | ND | 0.157 | ug/m³ | | | | | | | | |
| 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 | ND | 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 | " | | | | | | | | |
| 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 | " | | | | | | | | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc. - Stratford

### Batch BL30976 - EPA TO15 PREP

**LCS (BL30976-BS1)** LCS — Prepared & Analyzed: 12/13/2023

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 10.1 | | ppbv | 10.0 | | 101 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 9.80 | | " | 10.0 | | 98.0 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 9.67 | | " | 10.0 | | 96.7 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 9.99 | | " | 10.0 | | 99.9 | 70-130 | | | | |
| 1,1-Dichloroethane | 9.27 | | " | 10.0 | | 92.7 | 70-130 | | | | |
| 1,1-Dichloroethylene | 9.93 | | " | 10.0 | | 99.3 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 6.39 | | " | 10.0 | | 63.9 | 70-130 | Low Bias | | | |
| 1,2,4-Trimethylbenzene | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| 1,2-Dibromoethane | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 1,2-Dichloroethane | 9.28 | | " | 10.0 | | 92.8 | 70-130 | | | | |
| 1,2-Dichloropropane | 9.73 | | " | 10.0 | | 97.3 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 7.35 | | " | 10.0 | | 73.5 | 70-130 | | | | |
| 1,3,5-Trimethylbenzene | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| 1,3-Butadiene | 6.77 | | " | 10.0 | | 67.7 | 70-130 | Low Bias | | | |
| 1,3-Dichlorobenzene | 9.13 | | " | 10.0 | | 91.3 | 70-130 | | | | |
| 1,3-Dichloropropane | 9.86 | | " | 10.0 | | 98.6 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 9.00 | | " | 10.0 | | 90.0 | 70-130 | | | | |
| 1,4-Dioxane | 9.83 | | " | 10.0 | | 98.3 | 70-130 | | | | |
| 2-Butanone | 9.30 | | " | 10.0 | | 93.0 | 70-130 | | | | |
| 2-Hexanone | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| 3-Chloropropene | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 9.98 | | " | 10.0 | | 99.8 | 70-130 | | | | |
| Acetone | 9.33 | | " | 10.0 | | 93.3 | 70-130 | | | | |
| Acrylonitrile | 9.55 | | " | 10.0 | | 95.5 | 70-130 | | | | |
| Benzene | 9.71 | | " | 10.0 | | 97.1 | 70-130 | | | | |
| Benzyl chloride | 9.35 | | " | 10.0 | | 93.5 | 70-130 | | | | |
| Bromodichloromethane | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| Bromoform | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Bromomethane | 6.93 | | " | 10.0 | | 69.3 | 70-130 | Low Bias | | | |
| Carbon disulfide | 9.46 | | " | 10.0 | | 94.6 | 70-130 | | | | |
| Carbon tetrachloride | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Chlorobenzene | 9.80 | | " | 10.0 | | 98.0 | 70-130 | | | | |
| Chloroethane | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| Chloroform | 9.57 | | " | 10.0 | | 95.7 | 70-130 | | | | |
| Chloromethane | 6.08 | | " | 10.0 | | 60.8 | 70-130 | Low Bias | | | |
| cis-1,2-Dichloroethylene | 9.96 | | " | 10.0 | | 99.6 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Cyclohexane | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Dibromochloromethane | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| Dichlorodifluoromethane | 9.48 | | " | 10.0 | | 94.8 | 70-130 | | | | |
| Ethyl acetate | 9.54 | | " | 10.0 | | 95.4 | 70-130 | | | | |
| Ethyl Benzene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Hexachlorobutadiene | 6.35 | | " | 10.0 | | 63.5 | 70-130 | Low Bias | | | |
| Isopropanol | 9.01 | | " | 10.0 | | 90.1 | 70-130 | | | | |
| Methyl Methacrylate | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Methylene chloride | 9.24 | | " | 10.0 | | 92.4 | 70-130 | | | | |
| n-Heptane | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| n-Hexane | 9.90 | | " | 10.0 | | 99.0 | 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 BL30976 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BL30976-BS1)** LCS | | | | | | | | Prepared & Analyzed: 12/13/2023 | | | |
| o-Xylene | 10.6 | | ppbv | 10.0 | | 106 | 70-130 | | | | |
| p- & m- Xylenes | 20.7 | | " | 20.0 | | 103 | 70-130 | | | | |
| p-Ethyltoluene | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Propylene | 9.60 | | " | 10.0 | | 96.0 | 70-130 | | | | |
| Styrene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Tetrachloroethylene | 9.86 | | " | 10.0 | | 98.6 | 70-130 | | | | |
| Tetrahydrofuran | 9.61 | | " | 10.0 | | 96.1 | 70-130 | | | | |
| Toluene | 9.50 | | " | 10.0 | | 95.0 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 9.81 | | " | 10.0 | | 98.1 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Trichloroethylene | 9.89 | | " | 10.0 | | 98.9 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 9.48 | | " | 10.0 | | 94.8 | 70-130 | | | | |
| Vinyl acetate | 9.56 | | " | 10.0 | | 95.6 | 70-130 | | | | |
| Vinyl bromide | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Vinyl Chloride | 6.00 | | " | 10.0 | | 60.0 | 70-130 | Low Bias | | | |
| **Duplicate (BL30976-DUP1)** Duplicate | *Source sample: 23L0739-05 (Duplicate) | | | | | | | Prepared: 12/13/2023 Analyzed: 12/14/2023 | | | |
| 1,1,1,2-Tetrachloroethane | ND | 0.625 | ug/m³ | | ND | | | | | 25 | |
| 1,1,1-Trichloroethane | ND | 0.497 | " | | ND | | | | | 25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.625 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.698 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloroethane | ND | 0.497 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethane | ND | 0.369 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethylene | ND | 0.181 | " | | ND | | | | | 25 | |
| 1,2,4-Trichlorobenzene | ND | 0.676 | " | | ND | | | | | 25 | |
| 1,2,4-Trimethylbenzene | ND | 0.448 | " | | ND | | | | | 25 | |
| 1,2-Dibromoethane | ND | 0.700 | " | | ND | | | | | 25 | |
| 1,2-Dichlorobenzene | ND | 0.548 | " | | ND | | | | | 25 | |
| 1,2-Dichloroethane | ND | 0.369 | " | | ND | | | | | 25 | |
| 1,2-Dichloropropane | ND | 0.421 | " | | ND | | | | | 25 | |
| 1,2-Dichlorotetrafluoroethane | ND | 0.637 | " | | ND | | | | | 25 | |
| 1,3,5-Trimethylbenzene | ND | 0.448 | " | | ND | | | | | 25 | |
| 1,3-Butadiene | ND | 0.605 | " | | ND | | | | | 25 | |
| 1,3-Dichlorobenzene | ND | 0.548 | " | | ND | | | | | 25 | |
| 1,3-Dichloropropane | ND | 0.421 | " | | ND | | | | | 25 | |
| 1,4-Dichlorobenzene | ND | 0.548 | " | | ND | | | | | 25 | |
| 1,4-Dioxane | ND | 0.657 | " | | ND | | | | | 25 | |
| 2-Butanone | 0.510 | 0.269 | " | | 0.510 | | | | 0.00 | 25 | |
| 2-Hexanone | ND | 0.746 | " | | ND | | | | | 25 | |
| 3-Chloropropene | ND | 1.43 | " | | ND | | | | | 25 | |
| 4-Methyl-2-pentanone | ND | 0.373 | " | | ND | | | | | 25 | |
| Acetone | 3.38 | 0.433 | " | | 3.48 | | | | 3.15 | 25 | |
| Acrylonitrile | ND | 0.198 | " | | ND | | | | | 25 | |
| Benzene | 0.524 | 0.291 | " | | 0.495 | | | | 5.71 | 25 | |
| Benzyl chloride | ND | 0.472 | " | | ND | | | | | 25 | |
| Bromodichloromethane | ND | 0.610 | " | | ND | | | | | 25 | |
| Bromoform | ND | 0.942 | " | | ND | | | | | 25 | |
| Bromomethane | ND | 0.354 | " | | ND | | | | | 25 | |
| Carbon disulfide | ND | 0.284 | " | | ND | | | | | 25 | |
| Carbon tetrachloride | 0.401 | 0.143 | " | | 0.401 | | | | 0.00 | 25 | |
| Chlorobenzene | ND | 0.419 | " | | ND | | | | | 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 BL30976 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BL30976-DUP1)** Duplicate | *Source sample: 23L0739-05 (Duplicate) | | | | | | | | Prepared: 12/13/2023 Analyzed: 12/14/2023 | | |
| Chloroethane | ND | 0.240 | ug/m³ | | ND | | | | | 25 | |
| Chloroform | ND | 0.445 | " | | ND | | | | | 25 | |
| Chloromethane | 0.997 | 0.188 | " | | 0.658 | | | | 40.9 | 25 | Non-dir. |
| cis-1,2-Dichloroethylene | ND | 0.181 | " | | ND | | | | | 25 | |
| cis-1,3-Dichloropropylene | ND | 0.413 | " | | ND | | | | | 25 | |
| Cyclohexane | ND | 0.314 | " | | ND | | | | | 25 | |
| Dibromochloromethane | ND | 0.776 | " | | ND | | | | | 25 | |
| Dichlorodifluoromethane | 2.16 | 0.451 | " | | 1.53 | | | | 34.1 | 25 | Non-dir. |
| Ethyl acetate | ND | 0.657 | " | | ND | | | | | 25 | |
| Ethyl Benzene | ND | 0.396 | " | | ND | | | | | 25 | |
| Hexachlorobutadiene | ND | 0.972 | " | | ND | | | | | 25 | |
| Isopropanol | 3.67 | 0.448 | " | | 3.85 | | | | 4.76 | 25 | |
| Methyl Methacrylate | ND | 0.373 | " | | ND | | | | | 25 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.328 | " | | ND | | | | | 25 | |
| Methylene chloride | 0.380 | 0.633 | " | | 0.411 | | | | 8.00 | 25 | |
| n-Heptane | ND | 0.373 | " | | 0.187 | | | | | 25 | |
| n-Hexane | 0.353 | 0.321 | " | | 0.353 | | | | 0.00 | 25 | |
| o-Xylene | 0.158 | 0.396 | " | | 0.158 | | | | 0.00 | 25 | |
| p- & m- Xylenes | ND | 0.791 | " | | ND | | | | | 25 | |
| p-Ethyltoluene | ND | 0.448 | " | | ND | | | | | 25 | |
| Propylene | ND | 0.157 | " | | ND | | | | | 25 | |
| Styrene | ND | 0.388 | " | | ND | | | | | 25 | |
| Tetrachloroethylene | 0.371 | 0.618 | " | | 0.309 | | | | 18.2 | 25 | |
| Tetrahydrofuran | ND | 0.537 | " | | ND | | | | | 25 | |
| Toluene | 0.549 | 0.343 | " | | 0.549 | | | | 0.00 | 25 | |
| trans-1,2-Dichloroethylene | ND | 0.361 | " | | ND | | | | | 25 | |
| trans-1,3-Dichloropropylene | ND | 0.413 | " | | ND | | | | | 25 | |
| Trichloroethylene | ND | 0.122 | " | | ND | | | | | 25 | |
| Trichlorofluoromethane (Freon 11) | 1.18 | 0.512 | " | | 1.18 | | | | 0.00 | 25 | |
| Vinyl acetate | ND | 0.321 | " | | ND | | | | | 25 | |
| Vinyl bromide | ND | 0.398 | " | | ND | | | | | 25 | |
| Vinyl Chloride | ND | 0.116 | " | | ND | | | | | 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 BL31397 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BL31397-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 12/19/2023 | | |
| 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 | 0.499 | 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 | ND | 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 | " | | | | | | | | |
| n-Hexane | ND | 0.352 | " | | | | | | | | |

## 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 BL31397 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BL31397-BLK1)** Blank | | | | | | | | Prepared & Analyzed: 12/19/2023 | | | |
| o-Xylene | ND | 0.434 | ug/m³ | | | | | | | | |
| 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 (BL31397-BS1)** LCS | | | | | | | | Prepared & Analyzed: 12/19/2023 | | | |
| 1,1,1,2-Tetrachloroethane | 11.4 | | ppbv | 10.0 | | 114 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 12.1 | | " | 10.0 | | 121 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| 1,1-Dichloroethane | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| 1,1-Dichloroethylene | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 12.6 | | " | 10.0 | | 126 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |
| 1,2-Dibromoethane | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 12.1 | | " | 10.0 | | 121 | 70-130 | | | | |
| 1,2-Dichloroethane | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| 1,2-Dichloropropane | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| 1,3,5-Trimethylbenzene | 12.1 | | " | 10.0 | | 121 | 70-130 | | | | |
| 1,3-Butadiene | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 1,3-Dichlorobenzene | 12.4 | | " | 10.0 | | 124 | 70-130 | | | | |
| 1,3-Dichloropropane | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 12.3 | | " | 10.0 | | 123 | 70-130 | | | | |
| 1,4-Dioxane | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| 2-Butanone | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| 2-Hexanone | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| 3-Chloropropene | 12.2 | | " | 10.0 | | 122 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| Acetone | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Acrylonitrile | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| Benzene | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| Benzyl chloride | 14.0 | | " | 10.0 | | 140 | 70-130 | High Bias | | | |
| Bromodichloromethane | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Bromoform | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| Bromomethane | 12.2 | | " | 10.0 | | 122 | 70-130 | | | | |
| Carbon disulfide | 12.4 | | " | 10.0 | | 124 | 70-130 | | | | |
| Carbon tetrachloride | 13.0 | | " | 10.0 | | 130 | 70-130 | | | | |
| Chlorobenzene | 11.6 | | " | 10.0 | | 116 | 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 BL31397 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BL31397-BS1)** LCS | | | | | | | | Prepared & Analyzed: 12/19/2023 | | | |
| Chloroethane | 12.2 | | ppbv | 10.0 | | 122 | 70-130 | | | | |
| Chloroform | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| Chloromethane | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| cis-1,2-Dichloroethylene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| Cyclohexane | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| Dibromochloromethane | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| Dichlorodifluoromethane | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| Ethyl acetate | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| Ethyl Benzene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Hexachlorobutadiene | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Isopropanol | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Methyl Methacrylate | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| Methylene chloride | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| n-Heptane | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |
| n-Hexane | 12.5 | | " | 10.0 | | 125 | 70-130 | | | | |
| o-Xylene | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| p- & m- Xylenes | 22.6 | | " | 20.0 | | 113 | 70-130 | | | | |
| p-Ethyltoluene | 12.3 | | " | 10.0 | | 123 | 70-130 | | | | |
| Propylene | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| Styrene | 12.6 | | " | 10.0 | | 126 | 70-130 | | | | |
| Tetrachloroethylene | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| Tetrahydrofuran | 12.1 | | " | 10.0 | | 121 | 70-130 | | | | |
| Toluene | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| Trichloroethylene | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Vinyl acetate | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| Vinyl bromide | 13.0 | | " | 10.0 | | 130 | 70-130 | | | | |
| Vinyl Chloride | 9.97 | | " | 10.0 | | 99.7 | 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 BL31401 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BL31401-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 12/19/2023 | | |
| 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 | 0.565 | 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 | " | | | | | | | | |
| n-Hexane | ND | 0.352 | " | | | | | | | | |

## 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 BL31401 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BL31401-BLK1)** Blank | | | | | | | | Prepared & Analyzed: 12/19/2023 | | | |
| o-Xylene | ND | 0.434 | ug/m³ | | | | | | | | |
| 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 (BL31401-BS1)** LCS | | | | | | | | Prepared & Analyzed: 12/19/2023 | | | |
| 1,1,1,2-Tetrachloroethane | 8.58 | | ppbv | 10.0 | | 85.8 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 8.50 | | " | 10.0 | | 85.0 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 8.55 | | " | 10.0 | | 85.5 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 8.55 | | " | 10.0 | | 85.5 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 8.42 | | " | 10.0 | | 84.2 | 70-130 | | | | |
| 1,1-Dichloroethane | 8.00 | | " | 10.0 | | 80.0 | 70-130 | | | | |
| 1,1-Dichloroethylene | 8.62 | | " | 10.0 | | 86.2 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 6.08 | | " | 10.0 | | 60.8 | 70-130 | Low Bias | | | |
| 1,2,4-Trimethylbenzene | 9.22 | | " | 10.0 | | 92.2 | 70-130 | | | | |
| 1,2-Dibromoethane | 8.46 | | " | 10.0 | | 84.6 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 9.65 | | " | 10.0 | | 96.5 | 70-130 | | | | |
| 1,2-Dichloroethane | 7.85 | | " | 10.0 | | 78.5 | 70-130 | | | | |
| 1,2-Dichloropropane | 8.02 | | " | 10.0 | | 80.2 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 6.55 | | " | 10.0 | | 65.5 | 70-130 | Low Bias | | | |
| 1,3,5-Trimethylbenzene | 9.12 | | " | 10.0 | | 91.2 | 70-130 | | | | |
| 1,3-Butadiene | 5.84 | | " | 10.0 | | 58.4 | 70-130 | Low Bias | | | |
| 1,3-Dichlorobenzene | 8.07 | | " | 10.0 | | 80.7 | 70-130 | | | | |
| 1,3-Dichloropropane | 8.18 | | " | 10.0 | | 81.8 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 7.94 | | " | 10.0 | | 79.4 | 70-130 | | | | |
| 1,4-Dioxane | 8.23 | | " | 10.0 | | 82.3 | 70-130 | | | | |
| 2-Butanone | 7.86 | | " | 10.0 | | 78.6 | 70-130 | | | | |
| 2-Hexanone | 8.37 | | " | 10.0 | | 83.7 | 70-130 | | | | |
| 3-Chloropropene | 8.86 | | " | 10.0 | | 88.6 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 8.20 | | " | 10.0 | | 82.0 | 70-130 | | | | |
| Acetone | 8.95 | | " | 10.0 | | 89.5 | 70-130 | | | | |
| Acrylonitrile | 8.36 | | " | 10.0 | | 83.6 | 70-130 | | | | |
| Benzene | 8.32 | | " | 10.0 | | 83.2 | 70-130 | | | | |
| Benzyl chloride | 8.20 | | " | 10.0 | | 82.0 | 70-130 | | | | |
| Bromodichloromethane | 8.25 | | " | 10.0 | | 82.5 | 70-130 | | | | |
| Bromoform | 9.50 | | " | 10.0 | | 95.0 | 70-130 | | | | |
| Bromomethane | 8.33 | | " | 10.0 | | 83.3 | 70-130 | | | | |
| Carbon disulfide | 8.21 | | " | 10.0 | | 82.1 | 70-130 | | | | |
| Carbon tetrachloride | 9.18 | | " | 10.0 | | 91.8 | 70-130 | | | | |
| Chlorobenzene | 8.25 | | " | 10.0 | | 82.5 | 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 BL31401 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BL31401-BS1)** LCS | | | | | | | | Prepared & Analyzed: 12/19/2023 | | | |
| Chloroethane | 10.2 | | ppbv | 10.0 | | 102 | 70-130 | | | | |
| Chloroform | 8.23 | | " | 10.0 | | 82.3 | 70-130 | | | | |
| Chloromethane | 5.37 | | " | 10.0 | | 53.7 | 70-130 | Low Bias | | | |
| cis-1,2-Dichloroethylene | 8.48 | | " | 10.0 | | 84.8 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 8.60 | | " | 10.0 | | 86.0 | 70-130 | | | | |
| Cyclohexane | 8.73 | | " | 10.0 | | 87.3 | 70-130 | | | | |
| Dibromochloromethane | 8.66 | | " | 10.0 | | 86.6 | 70-130 | | | | |
| Dichlorodifluoromethane | 8.53 | | " | 10.0 | | 85.3 | 70-130 | | | | |
| Ethyl acetate | 8.02 | | " | 10.0 | | 80.2 | 70-130 | | | | |
| Ethyl Benzene | 8.58 | | " | 10.0 | | 85.8 | 70-130 | | | | |
| Hexachlorobutadiene | 5.82 | | " | 10.0 | | 58.2 | 70-130 | Low Bias | | | |
| Isopropanol | 8.89 | | " | 10.0 | | 88.9 | 70-130 | | | | |
| Methyl Methacrylate | 8.47 | | " | 10.0 | | 84.7 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 8.68 | | " | 10.0 | | 86.8 | 70-130 | | | | |
| Methylene chloride | 8.01 | | " | 10.0 | | 80.1 | 70-130 | | | | |
| n-Heptane | 8.59 | | " | 10.0 | | 85.9 | 70-130 | | | | |
| n-Hexane | 8.50 | | " | 10.0 | | 85.0 | 70-130 | | | | |
| o-Xylene | 8.83 | | " | 10.0 | | 88.3 | 70-130 | | | | |
| p- & m- Xylenes | 17.2 | | " | 20.0 | | 86.2 | 70-130 | | | | |
| p-Ethyltoluene | 9.33 | | " | 10.0 | | 93.3 | 70-130 | | | | |
| Propylene | 8.41 | | " | 10.0 | | 84.1 | 70-130 | | | | |
| Styrene | 9.53 | | " | 10.0 | | 95.3 | 70-130 | | | | |
| Tetrachloroethylene | 8.38 | | " | 10.0 | | 83.8 | 70-130 | | | | |
| Tetrahydrofuran | 8.17 | | " | 10.0 | | 81.7 | 70-130 | | | | |
| Toluene | 8.09 | | " | 10.0 | | 80.9 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 8.43 | | " | 10.0 | | 84.3 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 8.72 | | " | 10.0 | | 87.2 | 70-130 | | | | |
| Trichloroethylene | 8.22 | | " | 10.0 | | 82.2 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 8.49 | | " | 10.0 | | 84.9 | 70-130 | | | | |
| Vinyl acetate | 7.99 | | " | 10.0 | | 79.9 | 70-130 | | | | |
| Vinyl bromide | 8.99 | | " | 10.0 | | 89.9 | 70-130 | | | | |
| Vinyl Chloride | 4.93 | | " | 10.0 | | 49.3 | 70-130 | Low Bias | | | |

## 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 BL31401 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BL31401-DUP1)** Duplicate | *Source sample: 23L1032-02 (Duplicate) | | | | | | | | Prepared & Analyzed: 12/19/2023 | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.99 | ug/m³ | | ND | | | | | 25 | |
| 1,1,1-Trichloroethane | ND | 1.58 | " | | ND | | | | | 25 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.99 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 2.22 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloroethane | ND | 1.58 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethane | ND | 1.17 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethylene | ND | 0.575 | " | | ND | | | | | 25 | |
| 1,2,4-Trichlorobenzene | ND | 2.15 | " | | ND | | | | | 25 | |
| 1,2,4-Trimethylbenzene | ND | 1.43 | " | | ND | | | | | 25 | |
| 1,2-Dibromoethane | ND | 2.23 | " | | ND | | | | | 25 | |
| 1,2-Dichlorobenzene | ND | 1.74 | " | | ND | | | | | 25 | |
| 1,2-Dichloroethane | ND | 1.17 | " | | ND | | | | | 25 | |
| 1,2-Dichloropropane | ND | 1.34 | " | | ND | | | | | 25 | |
| 1,2-Dichlorotetrafluoroethane | ND | 2.03 | " | | ND | | | | | 25 | |
| 1,3,5-Trimethylbenzene | ND | 1.43 | " | | ND | | | | | 25 | |
| 1,3-Butadiene | ND | 1.92 | " | | ND | | | | | 25 | |
| 1,3-Dichlorobenzene | ND | 1.74 | " | | ND | | | | | 25 | |
| 1,3-Dichloropropane | ND | 1.34 | " | | ND | | | | | 25 | |
| 1,4-Dichlorobenzene | ND | 1.74 | " | | ND | | | | | 25 | |
| 1,4-Dioxane | ND | 2.09 | " | | ND | | | | | 25 | |
| 2-Butanone | 0.770 | 0.855 | " | | 0.770 | | | | 0.00 | 25 | |
| 2-Hexanone | ND | 2.38 | " | | ND | | | | | 25 | |
| 3-Chloropropene | ND | 4.54 | " | | ND | | | | | 25 | |
| 4-Methyl-2-pentanone | ND | 1.19 | " | | ND | | | | | 25 | |
| Acetone | 4.20 | 1.38 | " | | 4.27 | | | | 1.63 | 25 | |
| Acrylonitrile | 1.83 | 0.629 | " | | 1.89 | | | | 3.39 | 25 | |
| Benzene | ND | 0.926 | " | | ND | | | | | 25 | |
| Benzyl chloride | ND | 1.50 | " | | ND | | | | | 25 | |
| Bromodichloromethane | ND | 1.94 | " | | ND | | | | | 25 | |
| Bromoform | ND | 3.00 | " | | ND | | | | | 25 | |
| Bromomethane | ND | 1.13 | " | | ND | | | | | 25 | |
| Carbon disulfide | ND | 0.903 | " | | ND | | | | | 25 | |
| Carbon tetrachloride | ND | 0.456 | " | | ND | | | | | 25 | |
| Chlorobenzene | ND | 1.34 | " | | ND | | | | | 25 | |
| Chloroethane | ND | 0.765 | " | | ND | | | | | 25 | |
| Chloroform | 1.42 | 1.42 | " | | 1.56 | | | | 9.52 | 25 | |
| Chloromethane | ND | 0.599 | " | | ND | | | | | 25 | |
| cis-1,2-Dichloroethylene | 1.38 | 0.575 | " | | 1.49 | | | | 8.00 | 25 | |
| cis-1,3-Dichloropropylene | ND | 1.32 | " | | ND | | | | | 25 | |
| Cyclohexane | 0.998 | 0.998 | " | | 1.10 | | | | 9.52 | 25 | |
| Dibromochloromethane | ND | 2.47 | " | | ND | | | | | 25 | |
| Dichlorodifluoromethane | 2.44 | 1.43 | " | | 2.44 | | | | 0.00 | 25 | |
| Ethyl acetate | ND | 2.09 | " | | ND | | | | | 25 | |
| Ethyl Benzene | ND | 1.26 | " | | ND | | | | | 25 | |
| Hexachlorobutadiene | ND | 3.09 | " | | ND | | | | | 25 | |
| Isopropanol | 1.85 | 1.43 | " | | 1.85 | | | | 0.00 | 25 | |
| Methyl Methacrylate | ND | 1.19 | " | | ND | | | | | 25 | |
| Methyl tert-butyl ether (MTBE) | ND | 1.05 | " | | ND | | | | | 25 | |
| Methylene chloride | ND | 2.01 | " | | ND | | | | | 25 | |
| n-Heptane | ND | 1.19 | " | | ND | | | | | 25 | |
| n-Hexane | 2.04 | 1.02 | " | | 2.15 | | | | 4.88 | 25 | |

## Volatile Organic Compounds in Air by GC/MS - Quality Control Data

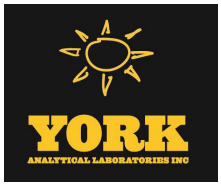
## York Analytical Laboratories, Inc. - Stratford

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BL31401 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BL31401-DUP1)** Duplicate | *Source sample: 23L1032-02 (Duplicate) | | | | | | | | Prepared & Analyzed: 12/19/2023 | | |
| o-Xylene | ND | 1.26 | ug/m³ | | ND | | | | | 25 | |
| p- & m- Xylenes | ND | 2.52 | " | | ND | | | | | 25 | |
| p-Ethyltoluene | ND | 1.43 | " | | ND | | | | | 25 | |
| Propylene | 28.8 | 0.499 | " | | 29.5 | | | | 2.40 | 25 | |
| Styrene | ND | 1.24 | " | | ND | | | | | 25 | |
| Tetrachloroethylene | 97.0 | 1.97 | " | | 99.3 | | | | 2.40 | 25 | |
| Tetrahydrofuran | ND | 1.71 | " | | ND | | | | | 25 | |
| Toluene | 1.31 | 1.09 | " | | 1.31 | | | | 0.00 | 25 | |
| trans-1,2-Dichloroethylene | ND | 1.15 | " | | ND | | | | | 25 | |
| trans-1,3-Dichloropropylene | ND | 1.32 | " | | ND | | | | | 25 | |
| Trichloroethylene | 389 | 0.390 | " | | 390 | | | | 0.240 | 25 | |
| Trichlorofluoromethane (Freon 11) | 1.30 | 1.63 | " | | 1.30 | | | | 0.00 | 25 | |
| Vinyl acetate | ND | 1.02 | " | | ND | | | | | 25 | |
| Vinyl bromide | ND | 1.27 | " | | ND | | | | | 25 | |
| Vinyl Chloride | ND | 0.371 | " | | ND | | | | | 25 | |
| **Batch BL31632 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BL31632-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 12/20/2023 | | |
| 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 | 0.891 | 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 | " | | | | | | | | |

## 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 BL31632 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BL31632-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 12/20/2023 | | |
| Carbon tetrachloride | ND | 0.157 | ug/m³ | | | | | | | | |
| 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 | ND | 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 | " | | | | | | | | |
| 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 | " | | | | | | | | |




## 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 BL31632 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BL31632-BS1)** LCS | | | | | | | | Prepared & Analyzed: 12/20/2023 | | | |
| 1,1,1,2-Tetrachloroethane | 10.7 | | ppbv | 10.0 | | 107 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 1,1-Dichloroethane | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| 1,1-Dichloroethylene | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| 1,2-Dibromoethane | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| 1,2-Dichloroethane | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| 1,2-Dichloropropane | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 12.1 | | " | 10.0 | | 121 | 70-130 | | | | |
| 1,3,5-Trimethylbenzene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| 1,3-Butadiene | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| 1,3-Dichlorobenzene | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| 1,3-Dichloropropane | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |
| 1,4-Dioxane | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 2-Butanone | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| 2-Hexanone | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| 3-Chloropropene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 9.91 | | " | 10.0 | | 99.1 | 70-130 | | | | |
| Acetone | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Acrylonitrile | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| Benzene | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| Benzyl chloride | 13.4 | | " | 10.0 | | 134 | 70-130 | High Bias | | | |
| Bromodichloromethane | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Bromoform | 9.98 | | " | 10.0 | | 99.8 | 70-130 | | | | |
| Bromomethane | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |
| Carbon disulfide | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| Carbon tetrachloride | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| Chlorobenzene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| Chloroethane | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |
| Chloroform | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Chloromethane | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| cis-1,2-Dichloroethylene | 9.71 | | " | 10.0 | | 97.1 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Cyclohexane | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| Dibromochloromethane | 9.97 | | " | 10.0 | | 99.7 | 70-130 | | | | |
| Dichlorodifluoromethane | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| Ethyl acetate | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| Ethyl Benzene | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Hexachlorobutadiene | 9.50 | | " | 10.0 | | 95.0 | 70-130 | | | | |
| Isopropanol | 9.62 | | " | 10.0 | | 96.2 | 70-130 | | | | |
| Methyl Methacrylate | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| Methylene chloride | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| n-Heptane | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| n-Hexane | 11.7 | | " | 10.0 | | 117 | 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 BL31632 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BL31632-BS1)** LCS | | | | | | | | Prepared & Analyzed: 12/20/2023 | | | |
| o-Xylene | 10.9 | | ppbv | 10.0 | | 109 | 70-130 | | | | |
| p- & m- Xylenes | 21.5 | | " | 20.0 | | 108 | 70-130 | | | | |
| p-Ethyltoluene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Propylene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| Styrene | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| Tetrachloroethylene | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Tetrahydrofuran | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| Toluene | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| Trichloroethylene | 9.65 | | " | 10.0 | | 96.5 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Vinyl acetate | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Vinyl bromide | 12.4 | | " | 10.0 | | 124 | 70-130 | | | | |
| Vinyl Chloride | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| **Duplicate (BL31632-DUP1)** Duplicate | *Source sample: 23L1199-05 (C241175_SSPP04_121423) | | | | | | | Prepared: 12/20/2023 Analyzed: 12/21/2023 | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.43 | ug/m³ | | ND | | | | | 25 | |
| 1,1,1-Trichloroethane | 863 | 4.32 | " | | 850 | | | | 1.51 | 25 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.43 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 6.07 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloroethane | ND | 4.32 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethane | 18.3 | 3.20 | " | | 18.3 | | | | 0.00 | 25 | |
| 1,1-Dichloroethylene | 1.26 | 1.57 | " | | 1.26 | | | | 0.00 | 25 | |
| 1,2,4-Trichlorobenzene | ND | 5.87 | " | | ND | | | | | 25 | |
| 1,2,4-Trimethylbenzene | ND | 3.89 | " | | ND | | | | | 25 | |
| 1,2-Dibromoethane | ND | 6.08 | " | | ND | | | | | 25 | |
| 1,2-Dichlorobenzene | ND | 4.76 | " | | ND | | | | | 25 | |
| 1,2-Dichloroethane | ND | 3.20 | " | | ND | | | | | 25 | |
| 1,2-Dichloropropane | ND | 3.66 | " | | ND | | | | | 25 | |
| 1,2-Dichlorotetrafluoroethane | ND | 5.53 | " | | ND | | | | | 25 | |
| 1,3,5-Trimethylbenzene | ND | 3.89 | " | | ND | | | | | 25 | |
| 1,3-Butadiene | ND | 5.25 | " | | ND | | | | | 25 | |
| 1,3-Dichlorobenzene | ND | 4.76 | " | | ND | | | | | 25 | |
| 1,3-Dichloropropane | ND | 3.66 | " | | ND | | | | | 25 | |
| 1,4-Dichlorobenzene | ND | 4.76 | " | | ND | | | | | 25 | |
| 1,4-Dioxane | ND | 5.70 | " | | ND | | | | | 25 | |
| 2-Butanone | ND | 2.33 | " | | ND | | | | | 25 | |
| 2-Hexanone | ND | 6.48 | " | | ND | | | | | 25 | |
| 3-Chloropropene | ND | 12.4 | " | | ND | | | | | 25 | |
| 4-Methyl-2-pentanone | ND | 3.24 | " | | ND | | | | | 25 | |
| Acetone | 14.3 | 3.76 | " | | 13.3 | | | | 6.80 | 25 | |
| Acrylonitrile | ND | 1.72 | " | | ND | | | | | 25 | |
| Benzene | ND | 2.53 | " | | ND | | | | | 25 | |
| Benzyl chloride | ND | 4.10 | " | | ND | | | | | 25 | |
| Bromodichloromethane | ND | 5.30 | " | | ND | | | | | 25 | |
| Bromoform | ND | 8.18 | " | | ND | | | | | 25 | |
| Bromomethane | ND | 3.07 | " | | ND | | | | | 25 | |
| Carbon disulfide | ND | 2.46 | " | | ND | | | | | 25 | |
| Carbon tetrachloride | ND | 1.24 | " | | ND | | | | | 25 | |
| Chlorobenzene | ND | 3.64 | " | | ND | | | | | 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 BL31632 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BL31632-DUP1)** Duplicate | *Source sample: 23L1199-05 (C241175_SSPP04_121423) | | | | | | | | Prepared: 12/20/2023 Analyzed: 12/21/2023 | | |
| Chloroethane | ND | 2.09 | ug/m³ | | ND | | | | | 25 | |
| Chloroform | 5.41 | 3.86 | " | | 5.41 | | | | 0.00 | 25 | |
| Chloromethane | ND | 1.63 | " | | ND | | | | | 25 | |
| cis-1,2-Dichloroethylene | ND | 1.57 | " | | ND | | | | | 25 | |
| cis-1,3-Dichloropropylene | ND | 3.59 | " | | ND | | | | | 25 | |
| Cyclohexane | 4.09 | 2.72 | " | | 3.81 | | | | 6.90 | 25 | |
| Dibromochloromethane | ND | 6.74 | " | | ND | | | | | 25 | |
| Dichlorodifluoromethane | ND | 3.91 | " | | 3.52 | | | | | 25 | |
| Ethyl acetate | ND | 5.70 | " | | ND | | | | | 25 | |
| Ethyl Benzene | ND | 3.44 | " | | ND | | | | | 25 | |
| Hexachlorobutadiene | ND | 8.44 | " | | ND | | | | | 25 | |
| Isopropanol | 98.4 | 3.89 | " | | 102 | | | | 3.11 | 25 | |
| Methyl Methacrylate | ND | 3.24 | " | | ND | | | | | 25 | |
| Methyl tert-butyl ether (MTBE) | ND | 2.85 | " | | ND | | | | | 25 | |
| Methylene chloride | 3.85 | 5.50 | " | | 4.67 | | | | 19.4 | 25 | |
| n-Heptane | ND | 3.24 | " | | ND | | | | | 25 | |
| n-Hexane | 2.23 | 2.79 | " | | 2.23 | | | | 0.00 | 25 | |
| o-Xylene | ND | 3.44 | " | | ND | | | | | 25 | |
| p- & m- Xylenes | ND | 6.87 | " | | ND | | | | | 25 | |
| p-Ethyltoluene | ND | 3.89 | " | | ND | | | | | 25 | |
| Propylene | ND | 1.36 | " | | ND | | | | | 25 | |
| Styrene | ND | 3.37 | " | | ND | | | | | 25 | |
| Tetrachloroethylene | ND | 5.37 | " | | ND | | | | | 25 | |
| Tetrahydrofuran | ND | 4.67 | " | | ND | | | | | 25 | |
| Toluene | 2.09 | 2.98 | " | | 2.09 | | | | 0.00 | 25 | |
| trans-1,2-Dichloroethylene | ND | 3.14 | " | | ND | | | | | 25 | |
| trans-1,3-Dichloropropylene | ND | 3.59 | " | | ND | | | | | 25 | |
| Trichloroethylene | ND | 1.06 | " | | ND | | | | | 25 | |
| Trichlorofluoromethane (Freon 11) | ND | 4.45 | " | | ND | | | | | 25 | |
| Vinyl acetate | ND | 2.79 | " | | ND | | | | | 25 | |
| Vinyl bromide | ND | 3.46 | " | | ND | | | | | 25 | |
| Vinyl Chloride | ND | 1.01 | " | | ND | | | | | 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 BL31653 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BL31653-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 12/21/2023 | | |
| 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 | 0.742 | 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 | 1.06 | 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 | " | | | | | | | | |
| n-Hexane | ND | 0.352 | " | | | | | | | | |

## 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 BL31653 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BL31653-BLK1)** Blank | | | | | | | | Prepared & Analyzed: 12/21/2023 | | | |
| o-Xylene | ND | 0.434 | ug/m³ | | | | | | | | |
| 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 (BL31653-BS1)** LCS | | | | | | | | Prepared & Analyzed: 12/21/2023 | | | |
| 1,1,1,2-Tetrachloroethane | 10.6 | | ppbv | 10.0 | | 106 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| 1,1-Dichloroethane | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 1,1-Dichloroethylene | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 13.2 | | " | 10.0 | | 132 | 70-130 | High Bias | | | |
| 1,2,4-Trimethylbenzene | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| 1,2-Dibromoethane | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 12.1 | | " | 10.0 | | 121 | 70-130 | | | | |
| 1,2-Dichloroethane | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 1,2-Dichloropropane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| 1,3,5-Trimethylbenzene | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| 1,3-Butadiene | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 1,3-Dichlorobenzene | 12.3 | | " | 10.0 | | 123 | 70-130 | | | | |
| 1,3-Dichloropropane | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 12.3 | | " | 10.0 | | 123 | 70-130 | | | | |
| 1,4-Dioxane | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 2-Butanone | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| 2-Hexanone | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 3-Chloropropene | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Acetone | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Acrylonitrile | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| Benzene | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| Benzyl chloride | 14.1 | | " | 10.0 | | 141 | 70-130 | High Bias | | | |
| Bromodichloromethane | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| Bromoform | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Bromomethane | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| Carbon disulfide | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| Carbon tetrachloride | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Chlorobenzene | 10.9 | | " | 10.0 | | 109 | 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 BL31653 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BL31653-BS1)** LCS | | | | | | | Prepared & Analyzed: 12/21/2023 | | | | |
| Chloroethane | 11.0 | | ppbv | 10.0 | | 110 | 70-130 | | | | |
| Chloroform | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| Chloromethane | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| cis-1,2-Dichloroethylene | 9.71 | | " | 10.0 | | 97.1 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| Cyclohexane | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Dibromochloromethane | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Dichlorodifluoromethane | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| Ethyl acetate | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Ethyl Benzene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| Hexachlorobutadiene | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| Isopropanol | 9.86 | | " | 10.0 | | 98.6 | 70-130 | | | | |
| Methyl Methacrylate | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| Methylene chloride | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| n-Heptane | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| n-Hexane | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| o-Xylene | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| p- & m- Xylenes | 22.0 | | " | 20.0 | | 110 | 70-130 | | | | |
| p-Ethyltoluene | 12.1 | | " | 10.0 | | 121 | 70-130 | | | | |
| Propylene | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Styrene | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| Tetrachloroethylene | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Tetrahydrofuran | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| Toluene | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Trichloroethylene | 9.96 | | " | 10.0 | | 99.6 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| Vinyl acetate | 8.72 | | " | 10.0 | | 87.2 | 70-130 | | | | |
| Vinyl bromide | 12.0 | | " | 10.0 | | 120 | 70-130 | | | | |
| Vinyl Chloride | 9.66 | | " | 10.0 | | 96.6 | 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 BL31653 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BL31653-DUP1)** Duplicate | *Source sample: 23L1199-07 (C241175_SSPP01_121423) | | | | | | | | Prepared: 12/21/2023 Analyzed: 12/22/2023 | | |
| 1,1,1,2-Tetrachloroethane | ND | 0.687 | ug/m³ | | ND | | | | | 25 | |
| 1,1,1-Trichloroethane | 99.9 | 0.546 | " | | 168 | | | | 50.9 | 25 | Non-dir. |
| 1,1,2,2-Tetrachloroethane | ND | 0.687 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.766 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloroethane | ND | 0.546 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethane | 13.8 | 0.405 | " | | 23.3 | | | | 51.0 | 25 | Non-dir. |
| 1,1-Dichloroethylene | 0.238 | 0.198 | " | | 0.332 | | | | 33.0 | 25 | Non-dir. |
| 1,2,4-Trichlorobenzene | ND | 0.742 | " | | 0.621 | | | | | 25 | |
| 1,2,4-Trimethylbenzene | 1.13 | 0.492 | " | | 1.81 | | | | 46.2 | 25 | Non-dir. |
| 1,2-Dibromoethane | ND | 0.768 | " | | ND | | | | | 25 | |
| 1,2-Dichlorobenzene | ND | 0.601 | " | | ND | | | | | 25 | |
| 1,2-Dichloroethane | ND | 0.405 | " | | 0.271 | | | | | 25 | |
| 1,2-Dichloropropane | ND | 0.462 | " | | ND | | | | | 25 | |
| 1,2-Dichlorotetrafluoroethane | ND | 0.699 | " | | ND | | | | | 25 | |
| 1,3,5-Trimethylbenzene | 0.393 | 0.492 | " | | 0.576 | | | | 37.7 | 25 | Non-dir. |
| 1,3-Butadiene | ND | 0.664 | " | | ND | | | | | 25 | |
| 1,3-Dichlorobenzene | ND | 0.601 | " | | ND | | | | | 25 | |
| 1,3-Dichloropropane | ND | 0.462 | " | | ND | | | | | 25 | |
| 1,4-Dichlorobenzene | ND | 0.601 | " | | ND | | | | | 25 | |
| 1,4-Dioxane | ND | 0.721 | " | | ND | | | | | 25 | |
| 2-Butanone | ND | 0.295 | " | | ND | | | | | 25 | |
| 2-Hexanone | ND | 0.819 | " | | ND | | | | | 25 | |
| 3-Chloropropene | ND | 1.57 | " | | ND | | | | | 25 | |
| 4-Methyl-2-pentanone | ND | 0.410 | " | | ND | | | | | 25 | |
| Acetone | 0.594 | 0.475 | " | | 1.03 | | | | 54.1 | 25 | Non-dir. |
| Acrylonitrile | 0.195 | 0.217 | " | | 0.363 | | | | 60.1 | 25 | Non-dir. |
| Benzene | ND | 0.319 | " | | ND | | | | | 25 | |
| Benzyl chloride | ND | 0.518 | " | | ND | | | | | 25 | |
| Bromodichloromethane | ND | 0.670 | " | | ND | | | | | 25 | |
| Bromoform | ND | 1.03 | " | | ND | | | | | 25 | |
| Bromomethane | ND | 0.388 | " | | ND | | | | | 25 | |
| Carbon disulfide | ND | 0.311 | " | | ND | | | | | 25 | |
| Carbon tetrachloride | ND | 0.157 | " | | ND | | | | | 25 | |
| Chlorobenzene | ND | 0.460 | " | | ND | | | | | 25 | |
| Chloroethane | ND | 0.264 | " | | ND | | | | | 25 | |
| Chloroform | 1.32 | 0.488 | " | | 2.21 | | | | 50.4 | 25 | Non-dir. |
| Chloromethane | ND | 0.207 | " | | ND | | | | | 25 | |
| cis-1,2-Dichloroethylene | ND | 0.198 | " | | ND | | | | | 25 | |
| cis-1,3-Dichloropropylene | ND | 0.454 | " | | ND | | | | | 25 | |
| Cyclohexane | ND | 0.344 | " | | ND | | | | | 25 | |
| Dibromochloromethane | ND | 0.852 | " | | ND | | | | | 25 | |
| Dichlorodifluoromethane | ND | 0.495 | " | | 0.662 | | | | | 25 | |
| Ethyl acetate | ND | 0.721 | " | | ND | | | | | 25 | |
| Ethyl Benzene | ND | 0.434 | " | | ND | | | | | 25 | |
| Hexachlorobutadiene | ND | 1.07 | " | | ND | | | | | 25 | |
| Isopropanol | 1.28 | 0.492 | " | | 2.39 | | | | 60.5 | 25 | Non-dir. |
| Methyl Methacrylate | ND | 0.409 | " | | ND | | | | | 25 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.361 | " | | ND | | | | | 25 | |
| Methylene chloride | 0.278 | 0.695 | " | | 0.349 | | | | | 25 | |
| n-Heptane | ND | 0.410 | " | | ND | | | | | 25 | |
| n-Hexane | ND | 0.352 | " | | ND | | | | | 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 BL31653 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BL31653-DUP1)** Duplicate | *Source sample: 23L1199-07 (C241175_SSPP01_121423) | | | | | | | | Prepared: 12/21/2023 Analyzed: 12/22/2023 | | |
| o-Xylene | ND | 0.434 | ug/m³ | | 0.145 | | | | | 25 | |
| p- & m- Xylenes | ND | 0.868 | " | | ND | | | | | 25 | |
| p-Ethyltoluene | 0.590 | 0.492 | " | | 0.988 | | | | 50.4 | 25 | Non-dir. |
| Propylene | ND | 0.172 | " | | ND | | | | | 25 | |
| Styrene | ND | 0.426 | " | | ND | | | | | 25 | |
| Tetrachloroethylene | 1.90 | 0.678 | " | | 3.18 | | | | 50.4 | 25 | Non-dir. |
| Tetrahydrofuran | ND | 0.590 | " | | ND | | | | | 25 | |
| Toluene | 0.226 | 0.377 | " | | 0.379 | | | | 50.4 | 25 | Non-dir. |
| trans-1,2-Dichloroethylene | ND | 0.396 | " | | ND | | | | | 25 | |
| trans-1,3-Dichloropropylene | ND | 0.454 | " | | ND | | | | | 25 | |
| Trichloroethylene | ND | 0.134 | " | | ND | | | | | 25 | |
| Trichlorofluoromethane (Freon 11) | ND | 0.562 | " | | 0.564 | | | | | 25 | |
| Vinyl acetate | ND | 0.352 | " | | ND | | | | | 25 | |
| Vinyl bromide | ND | 0.437 | " | | ND | | | | | 25 | |
| Vinyl Chloride | ND | 0.128 | " | | ND | | | | | 25 | |

## Sample and Data Qualifiers Relating to This Work Order

| | |
|---|---|
| TO-VAC | The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note. |
| TO-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-IPA | The value for isopropanol is estimated. Dilutions are not conducted for this species as not to preclude actionable analytes by dilution. |
| TO-CCV | The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration). |
| ICVE | The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value). |
| 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.

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Revision Description: This report has been revised to update sample IDs for samples 11, 12, and 13.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

# Field Chain-of-Custody Record - AIR

**NOTE:** YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23L1199



| YOUR Information | Report To: | Invoice To: |
|---|---|---|
| Company: LANGAN, DPC | Company: | Company: |
| Address: 360 W. 31st. St 8th Fl, New York, NY | Address: SAME → | Address: |
| Phone.: 212-479-5400 | Phone.: | Phone.: |
| Contact: Andrew Nesci | Contact: | Contact: |
| E-mail: ANESCI@LANGAN.COM | E-mail: | E-mail: |

**YOUR Project Number:** 170340204

**YOUR Project Name:** ABC Block 27 Lot 17

**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.*

Roswell Lo

Samples Collected by: (print your name above and sign below)

**Air Matrix Codes**

- AI - Indoor Ambient Air
- AO - Outdoor Amb. Air
- AE - Vapor Extraction Well/ Process Gas/Effluent
- AS - Soil Vapor/Sub-Slab

**Samples From**

- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

**Report / EDD Type** (circle selections)

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

**YORK Reg. Comp.**

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

**Certified Canisters:** Batch ___ Individual ___

**Please enter the following REQUIRED Field Data**

**Reporting Units:** ug/m³ ___ ppbv ___ ppmv ___

| Sample Identification | Date/Time Sampled | Air Matrix | Canister Vacuum Before Sampling (in Hg) | Canister Vacuum After Sampling (in Hg) | Canister ID | Flow Cont. ID | Analysis Requested |
|---|---|---|---|---|---|---|---|
| C241175_SSPP03_121423 | 12/14/23 19:40 | AS | -30.0 | -9.0 | 87388 | 19394 | TO-15 SIM VOC's |
| C241175_1A03_121423 | 19:41 | AI | -33.0 | -10.5 | 24117 | 6869 | |
| C241175_SSV04_121423 | 19:42 | AS | -31.0 | -8.0 | 36450 | 19417 | |
| C241175_1A06_121423 | 19:43 | AI | -32.0 | -7.0 | 18317 | 16420 | |
| C241175_SSPP04_121423 | 19:44 | AS | -32.0 | -7.0 | 37797 | 7081 | |
| C241175_1A04_121423 | 19:45 | AI | -32.0 | -11.0 | 48304 | 19414 | |
| C241175_SSPP01_121423 | 19:46 | AS | -32.0 | -8.0 | 37004 | 6863 | |
| C241175_1A01_121423 | 19:47 | AI | -30.0 | -8.0 | 42989 | 19410 | |
| C241175_SSPP02_121423 | 19:50 | AS | -31.5 | -8.0 | 17348 | 19402 | |
| C241175_1A02_121423 | 19:51 | AI | -30.5 | -4.5 | 15524 | 19392 | |

**Comments:** Also copy: DATAMANAGEMENT@LANGAN.COM
GWKKA@LANGAN.COM

**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 |
|---|---|---|---|---|---|
| Roswell Lo / Langan | 12/15/23 | Marcus Skinner / York | 12-15-23 14:18 | Marcus Skinner / York | 12-15-23 |
| 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 |
| | | | | | 12/18/23 12:00pm |

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
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www.yorklab.com

# Field Chain-of-Custody Record - AIR

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**YORK Project No.** 23L1199



| YOUR Information | Report To: | Invoice To: |
|---|---|---|
| Company: LANGAN, DPC | Company: | Company: |
| Address: 360 W. 31st St. 8th Fl. New York, NY | Address: SAME → | Address: |
| Phone.: 212-479-5400 | Phone.: | Phone.: |
| Contact: Andrew Nesci | Contact: | Contact: |
| E-mail: ANESCI@LANGAN.COM | E-mail: | E-mail: |

**YOUR Project Number:** 170340204

**YOUR Project Name:** ABC Block 27 Lot 17

**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.*

Roswell Lo

Samples Collected by: (print your name above and sign below)

**Air Matrix Codes**

AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

**Samples From**

| | |
|---|---|
| New York | X |
| New Jersey | |
| Connecticut | |
| Pennsylvania | |
| Other | |

**Report / EDD Type** (circle selections)

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

**YORK Reg. Comp.**

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

**Certified Canisters:** Batch ___ Individual ___

**Please enter the following REQUIRED Field Data**

**Reporting Units:** ug/m³ ___ ppbv ___ ppmv ___

| Sample Identification | Date/Time Sampled | Air Matrix | Canister Vacuum Before Sampling (in Hg) | Canister Vacuum After Sampling (in Hg) | Canister ID | Flow Cont. ID | Analysis Requested |
|---|---|---|---|---|---|---|---|
| SSP05-121423 | 12/14/23 | AS | -31.0 | -5.0 | 36993 | 19400 | TO-15 SIM VOL's |
| IA05-121423 | 19:19 | AI | -28.0 | -5.0 | 37807 | 19382 | " |
| AA02-121423 | 20:00 | AO | ~~-30.0~~ -32.0 | -6.0 | 28309 | 5706 | " |

**Comments:** Also copy: DATAMANAGEMENT@LANGAN.COM
GWYKA@LANGAN.COM

**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 |
|---|---|---|---|---|---|
| Roswell Lo / Langan | 12/15/23 | Marcus S Kinner Lyork | 12.15.23 14:18 | Marcus S Kinner Lyork | 12.15.23 |
| 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 |
| | | | | | 12/18/23 12:00pm |

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YORK Project No. 23L1199



| YOUR Information | Report To: | Invoice To: | YOUR Project Number | Turn-Around Time |
|---|---|---|---|---|
| Company: LANGAN, DPC | Company: | Company: | 170340204 | RUSH - Next Day |
| Address: 360 W. 31st. St 8th Fl, New York, NY | Address: SAME → | Address: | YOUR Project Name: ABC Block 27 Lot 17 | RUSH - Two Day |
| Phone.: 212-479-5400 | Phone.: | Phone.: | | RUSH - Three Day |
| Contact: Andrew Nesci | Contact: | Contact: | | RUSH - Four Day |
| E-mail: ANESCI@LANGAN.COM | E-mail: | E-mail: | YOUR PO#: | Standard (5-7 Day) X |

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

Roswell Lo

Samples Collected by: (print your name above and sign below)

**Air Matrix Codes**
AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

**Samples From**
New York X
New Jersey
Connecticut
Pennsylvania
Other

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

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

**Certified Canisters:** Batch ___ Individual ___

**Please enter the following REQUIRED Field Data**

**Reporting Units:** ug/m³ ___ ppbv ___ ppmv ___

| Sample Identification | Date/Time Sampled | Air Matrix | Canister Vacuum Before Sampling (in Hg) | Canister Vacuum After Sampling (in Hg) | Canister ID | Flow Cont. ID | Analysis Requested |
|---|---|---|---|---|---|---|---|
| C241175_SSPP03_121423 | 12/14/23 19:40 | AS | -30.0 | -9.0 | 87388 | 19394 | TO-15 SIM VOC's |
| C241175_1A03_121423 | 19:41 | AI | -33.0 | -10.5 | 24117 | 6869 | |
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| C241175_1A04_121423 | 19:45 | AI | -32.0 | -11.0 | 48304 | 19414 | |
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| C241175_1A01_121423 | 19:47 | AI | -30.0 | -8.0 | 42989 | 19410 | |
| C241175_SSPP02_121423 | 19:50 | AS | -31.5 | -8.0 | 17348 | 19402 | |
| C241175_1A02_121423 | 19:51 | AI | -30.5 | -4.5 | 15524 | 19392 | |

**Comments:** Also copy: DATAMANAGEMENT@LANGAN.COM
GWKKA@LANGAN.COM

**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 |
|---|---|---|---|---|---|
| Roswell Lo / Langan | 12/15/23 | Marcus Skinner / York | 12-15-23 14:18 | Marcus Skinner / York | 12-15-23 |
| 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 |
| | | | | | 12/18/23 12:00pm |

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# Field Chain-of-Custody Record - AIR

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YORK Project No. 23L1199



| YOUR Information | Report To: | Invoice To: |
|---|---|---|
| Company: LANGAN, DPC | Company: | Company: |
| Address: 360 W. 31st St. 8th Fl. New York, NY | Address: SAME → | Address: |
| Phone.: 212-479-5400 | Phone.: | Phone.: |
| Contact: Andrew Nesci | Contact: | Contact: |
| E-mail: ANESCI@LANGAN.COM | E-mail: | E-mail: |

YOUR Project Number: 170340204

YOUR Project Name: ABC Block 27 Lot 17

YOUR PO#:

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

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Roswell Lo

Samples Collected by: (print your name above and sign below)

Air Matrix Codes
- AI - Indoor Ambient Air
- AO - Outdoor Amb. Air
- AE - Vapor Extraction Well/ Process Gas/Effluent
- AS - Soil Vapor/Sub-Slab

Samples From
- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

Report / EDD Type (circle selections)

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

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

Certified Canisters: Batch ___

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 |
|---|---|---|---|---|---|---|---|
| ~~SSPP05-121423~~ | 12/14/23 | AS | -31.0 | -5.0 | 36993 | 19400 | TO-15 SIM VOC's |
| ~~IA05-121423~~ | 12/14/23 | AI | -28.0 | -5.0 | 37807 | 19382 | " |
| ~~AA02-121423~~ | 12/14/23 20:00 | AO | ~~-28.0~~ -32.0 | -6.0 | 28309 | 5706 | " |

C241175_SSPP05_121423

C241175_IA05_121423

C241175_AA02_121423

Comments: Also copy: DATAMANAGEMENT@LANGAN.COM, GWYKA@LANGAN.COM

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 |
|---|---|---|---|---|---|
| Roswell Lo / Langan | 12/15/23 | Marcus Skinner/York | 12.15.23 14:18 | Marcus Skinner/York | 12/15/23 |
| 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 |
| | | | | | 12/18/23 12:00pm |

# Technical Report

prepared for:

**Langan Engineering & Environmental Services (NYC)**
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
**Attention: Andrew Nesci**

Report Date: 12/26/2023
**Client Project ID: 170340204**
York Project (SDG) No.: 23K1683

Report Date: 12/26/2023
Client Project ID: 170340204
York Project (SDG) No.: 23K1683

**Langan Engineering & Environmental Services (NYC)**
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Andrew Nesci

## 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 November 28, 2023 and listed below. The project was identified as your project: **170340204**.

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 |
|---|---|---|---|---|
| 23K1683-01 | CAN 18293 / FC 19397 | Air | 11/28/2023 | 11/28/2023 |
| 23K1683-02 | CAN 23999 / FC 19388 | Air | 11/28/2023 | 11/28/2023 |
| 23K1683-03 | CAN 16694 / FC 19432 | Air | 11/28/2023 | 11/28/2023 |
| 23K1683-04 | CAN 23195 / FC 19415 | Air | 11/28/2023 | 11/28/2023 |
| 23L1168-01 | C241175_AA01_121523 | Outdoor Ambient Ai | 12/15/2023 | 12/15/2023 |
| 23L1168-02 | C241175_SSV08_121523 | Soil Vapor | 12/15/2023 | 12/15/2023 |
| 23L1168-03 | C241175_IA01_121523 | Indoor Ambient Air | 12/15/2023 | 12/15/2023 |

## General Notes for York Project (SDG) No.: 23K1683

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:** 12/26/2023

Cassie L. Mosher
Laboratory Manager

## Sample Information

**Client Sample ID:** CAN 18293 / FC 19397 **York Sample ID:** 23K1683-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1683 | 170340204 | Air | November 28, 2023 11:52 am | 11/28/2023 |

### 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 | 0.687 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-CCV, TO-LCS-L | ug/m³ | 0.742 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 18293 / FC 19397 **York Sample ID:** 23K1683-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1683 | 170340204 | Air | November 28, 2023 11:52 am | 11/28/2023 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | TO-LCS -L | ug/m³ | 0.207 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 18293 / FC 19397 **York Sample ID:** 23K1683-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1683 | 170340204 | Air | November 28, 2023 11:52 am | 11/28/2023 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-LCS-L | ug/m³ | 1.07 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 1.23 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 18293 / FC 19397 **York Sample ID:** 23K1683-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1683 | 170340204 | Air | November 28, 2023 11:52 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.128 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 17:54 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 23999 / FC 19388 **York Sample ID:** 23K1683-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1683 | 170340204 | Air | November 28, 2023 11:52 am | 11/28/2023 |

### 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 | 0.687 | 1 | EPA TO-15<br>Certifications: | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-CCV, TO-LCS-L | ug/m³ | 0.742 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |

## Sample Information

**Client Sample ID:** CAN 23999 / FC 19388 **York Sample ID:** 23K1683-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1683 | 170340204 | Air | November 28, 2023 11:52 am | 11/28/2023 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-87-3 | Chloromethane | ND | TO-LCS -L | ug/m³ | 0.207 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** CAN 23999 / FC 19388 **York Sample ID:** 23K1683-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1683 | 170340204 | Air | November 28, 2023 11:52 am | 11/28/2023 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-LCS -L | ug/m³ | 1.07 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 1.23 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** **CAN 23999 / FC 19388** **York Sample ID:** **23K1683-02**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1683 | 170340204 | Air | November 28, 2023 11:52 am | 11/28/2023 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.128 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/12/2023 18:47 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 16694 / FC 19432 **York Sample ID:** 23K1683-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1683 | 170340204 | Air | November 28, 2023 11:52 am | 11/28/2023 |

### 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 | 0.687 | 1 | EPA TO-15<br>Certifications: | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-CCV, TO-LCS-L | ug/m³ | 0.742 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |

## Sample Information

**Client Sample ID:** CAN 16694 / FC 19432 **York Sample ID:** 23K1683-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1683 | 170340204 | Air | November 28, 2023 11:52 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-87-3 | Chloromethane | ND | TO-LCS -L | ug/m³ | 0.207 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** CAN 16694 / FC 19432 **York Sample ID:** 23K1683-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1683 | 170340204 | Air | November 28, 2023 11:52 am | 11/28/2023 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-LCS-L | ug/m³ | 1.07 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 1.23 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 16694 / FC 19432 **York Sample ID:** 23K1683-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1683 | 170340204 | Air | November 28, 2023 11:52 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.128 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 05:26 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 23195 / FC 19415 **York Sample ID:** 23K1683-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1683 | 170340204 | Air | November 28, 2023 11:52 am | 11/28/2023 |

### 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 | 0.687 | 1 | EPA TO-15<br>Certifications: | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-CCV, TO-LCS-L | ug/m³ | 0.742 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |

## Sample Information

**Client Sample ID:** CAN 23195 / FC 19415 **York Sample ID:** 23K1683-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1683 | 170340204 | Air | November 28, 2023 11:52 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-87-3 | Chloromethane | ND | TO-LCS -L | ug/m³ | 0.207 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** CAN 23195 / FC 19415 **York Sample ID:** 23K1683-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1683 | 170340204 | Air | November 28, 2023 11:52 am | 11/28/2023 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-LCS -L | ug/m³ | 1.07 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 1.23 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 23195 / FC 19415 **York Sample ID:** 23K1683-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23K1683 | 170340204 | Air | November 28, 2023 11:52 am | 11/28/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.128 | 1 | EPA TO-15 | 12/12/2023 13:04 | 12/13/2023 06:19 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_AA01_121523 **York Sample ID:** 23L1168-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1168 | 170340204 | Outdoor Ambient Air | December 15, 2023 11:27 am | 12/15/2023 |

### 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 | 0.619 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.492 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.619 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | **1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)** | **0.691** | | ug/m³ | 0.691 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.492 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.365 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.179 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.669 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **0.443** | | ug/m³ | 0.443 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.692 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.542 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.365 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.416 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.630 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.443 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.598 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.542 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.416 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.542 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.649 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **0.824** | | ug/m³ | 0.266 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.738 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241175_AA01_121523 **York Sample ID:** 23L1168-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1168 | 170340204 | Outdoor Ambient Air | December 15, 2023 11:27 am | 12/15/2023 |

**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 | 1.41 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.369 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **5.84** | | ug/m³ | 0.428 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | **Acrylonitrile** | **0.430** | | ug/m³ | 0.196 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **1.01** | | ug/m³ | 0.288 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.466 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.604 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.931 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.350 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.281 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.567** | TO-CCV | ug/m³ | 0.142 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.415 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.238 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.440 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **1.53** | | ug/m³ | 0.186 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.179 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.409 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.310 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.768 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **2.90** | | ug/m³ | 0.446 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.649 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.391 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_AA01_121523 **York Sample ID:** 23L1168-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1168 | 170340204 | Outdoor Ambient Air | December 15, 2023 11:27 am | 12/15/2023 |

### 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 | | ug/m³ | 0.961 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **4.89** | | ug/m³ | 1.11 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.369 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.325 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **1.28** | | ug/m³ | 0.626 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.369 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **0.667** | | ug/m³ | 0.318 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.391 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | **p- & m- Xylenes** | **1.02** | | ug/m³ | 0.782 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.443 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | *** Propylene** | **1.60** | | ug/m³ | 0.155 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.384 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.611 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.531 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **1.39** | | ug/m³ | 0.340 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.357 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.409 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.121 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.57** | | ug/m³ | 0.506 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.317 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.394 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.115 | 0.901 | EPA TO-15 | 12/18/2023 09:00 | 12/19/2023 08:15 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** **C241175_AA01_121523** **York Sample ID:** **23L1168-01**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1168 | 170340204 | Outdoor Ambient Air | December 15, 2023 11:27 am | 12/15/2023 |

## Sample Information

**Client Sample ID:** C241175_SSV08_121523 **York Sample ID:** 23L1168-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1168 | 170340204 | Soil Vapor | December 15, 2023 12:40 pm | 12/15/2023 |

### 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 | 1.10 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.878 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 1.10 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 1.23 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.878 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.651 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.319 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 1.19 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.791 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 1.24 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.967 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.651 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.743 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 1.12 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.791 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 1.07 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.967 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.744 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.967 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 1.16 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **0.475** | | ug/m³ | 0.475 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 1.32 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241175_SSV08_121523 **York Sample ID:** 23L1168-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1168 | 170340204 | Soil Vapor | December 15, 2023 12:40 pm | 12/15/2023 |

**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 | 2.52 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.659 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **3.94** | | ug/m³ | 0.764 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.349 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.514 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.833 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 1.08 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.66 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.625 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.501 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.405** | | ug/m³ | 0.253 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.741 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.425 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | **Chloroform** | **1.65** | | ug/m³ | 0.786 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.332 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | **cis-1,2-Dichloroethylene** | **10.4** | | ug/m³ | 0.319 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.730 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.554 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 1.37 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **2.78** | | ug/m³ | 0.796 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 1.16 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.699 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSV08_121523 **York Sample ID:** 23L1168-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1168 | 170340204 | Soil Vapor | December 15, 2023 12:40 pm | 12/15/2023 |

**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 | | ug/m³ | 1.72 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **2.29** | | ug/m³ | 1.98 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.659 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.580 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 1.12 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.659 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.567 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.699 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | **p- & m- Xylenes** | **2.17** | | ug/m³ | 1.40 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.791 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.277 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.685 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 1.09 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.949 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **1.70** | | ug/m³ | 0.606 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.638 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.730 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | **Trichloroethylene** | **24.3** | | ug/m³ | 0.216 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.36** | | ug/m³ | 0.904 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.567 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.704 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.206 | 1.609 | EPA TO-15 | 12/20/2023 16:34 | 12/21/2023 11:35 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** **C241175_SSV08_121523** **York Sample ID:** **23L1168-02**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1168 | 170340204 | Soil Vapor | December 15, 2023 12:40 pm | 12/15/2023 |

## Sample Information

**Client Sample ID:** C241175_IA01_121523 **York Sample ID:** 23L1168-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1168 | 170340204 | Indoor Ambient Air | December 15, 2023 12:42 pm | 12/15/2023 |

### 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 | 0.586 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.465 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.586 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.654 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.465 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.345 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.169 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | ICVE, TO-LCS -L | ug/m³ | 0.633 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.419 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.655 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.513 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.345 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.394 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | TO-LCS -L | ug/m³ | 0.596 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.419 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | TO-LCS -L | ug/m³ | 0.566 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.513 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.394 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.513 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.615 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **0.629** | | ug/m³ | 0.252 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA01_121523 **York Sample ID:** 23L1168-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1168 | 170340204 | Indoor Ambient Air | December 15, 2023 12:42 pm | 12/15/2023 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.699 | 0.853 | EPA TO-15<br>Certifications: | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.33 | 0.853 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.349 | 0.853 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| 67-64-1 | **Acetone** | **6.06** | | ug/m³ | 0.405 | 0.853 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.185 | 0.853 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| 71-43-2 | **Benzene** | **0.736** | | ug/m³ | 0.273 | 0.853 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.442 | 0.853 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.571 | 0.853 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.882 | 0.853 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.331 | 0.853 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.266 | 0.853 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| 56-23-5 | **Carbon tetrachloride** | **0.429** | | ug/m³ | 0.134 | 0.853 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.393 | 0.853 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.225 | 0.853 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.416 | 0.853 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| 74-87-3 | **Chloromethane** | **0.793** | TO-CCV, TO-LCS-L | ug/m³ | 0.176 | 0.853 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.169 | 0.853 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.387 | 0.853 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.294 | 0.853 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.727 | 0.853 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| 75-71-8 | **Dichlorodifluoromethane** | **2.19** | | ug/m³ | 0.422 | 0.853 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |

## Sample Information

**Client Sample ID:** C241175_IA01_121523 **York Sample ID:** 23L1168-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1168 | 170340204 | Indoor Ambient Air | December 15, 2023 12:42 pm | 12/15/2023 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.615 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.370 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | TO-LCS-L | ug/m³ | 0.910 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **8.55** | B | ug/m³ | 1.05 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.349 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.308 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **0.978** | | ug/m³ | 0.593 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.350 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **0.481** | | ug/m³ | 0.301 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.370 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | **p- & m- Xylenes** | **0.926** | | ug/m³ | 0.741 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.419 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.147 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.363 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.579 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.503 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **1.25** | | ug/m³ | 0.321 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.338 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.387 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | **Trichloroethylene** | **0.138** | | ug/m³ | 0.115 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.20** | | ug/m³ | 0.479 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.300 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA01_121523 **York Sample ID:** 23L1168-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 23L1168 | 170340204 | Indoor Ambient Air | December 15, 2023 12:42 pm | 12/15/2023 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.373 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | TO-CCV, TO-LCS-L | ug/m³ | 0.109 | 0.853 | EPA TO-15 | 12/19/2023 07:00 | 12/19/2023 23:53 | VH |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

# Analytical Batch Summary

**Batch ID:** BL30854 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 23K1683-01 | CAN 18293 / FC 19397 | 12/12/23 |
| 23K1683-02 | CAN 23999 / FC 19388 | 12/12/23 |
| 23K1683-03 | CAN 16694 / FC 19432 | 12/12/23 |
| 23K1683-04 | CAN 23195 / FC 19415 | 12/12/23 |
| BL30854-BLK1 | Blank | 12/12/23 |
| BL30854-BS1 | LCS | 12/12/23 |
| BL30854-DUP1 | Duplicate | 12/12/23 |

**Batch ID:** BL31322 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 23L1168-01 | C241175_AA01_121523 | 12/18/23 |
| BL31322-BLK1 | Blank | 12/18/23 |
| BL31322-BS1 | LCS | 12/18/23 |
| BL31322-DUP1 | Duplicate | 12/18/23 |

**Batch ID:** BL31401 **Preparation Method:** EPA TO15 PREP **Prepared By:** VH

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 23L1168-03 | C241175_IA01_121523 | 12/19/23 |
| BL31401-BLK1 | Blank | 12/19/23 |
| BL31401-BS1 | LCS | 12/19/23 |
| BL31401-DUP1 | Duplicate | 12/19/23 |

**Batch ID:** BL31632 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 23L1168-02 | C241175_SSV08_121523 | 12/20/23 |
| BL31632-BLK1 | Blank | 12/20/23 |
| BL31632-BS1 | LCS | 12/20/23 |
| BL31632-DUP1 | Duplicate | 12/20/23 |

## 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 BL30854 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BL30854-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 12/12/2023 | | |
| 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 | 0.615 | 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 BL30854 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BL30854-BLK1)** Blank | | | | | | | | Prepared & Analyzed: 12/12/2023 | | | |
| 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 (BL30854-BS1)** LCS | | | | | | | | Prepared & Analyzed: 12/12/2023 | | | |
| 1,1,1,2-Tetrachloroethane | 11.0 | | ppbv | 10.0 | | 110 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| 1,1-Dichloroethane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 1,1-Dichloroethylene | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 6.93 | | " | 10.0 | | 69.3 | 70-130 | Low Bias | | | |
| 1,2,4-Trimethylbenzene | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| 1,2-Dibromoethane | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| 1,2-Dichloroethane | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| 1,2-Dichloropropane | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 8.94 | | " | 10.0 | | 89.4 | 70-130 | | | | |
| 1,3,5-Trimethylbenzene | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| 1,3-Butadiene | 7.52 | | " | 10.0 | | 75.2 | 70-130 | | | | |
| 1,3-Dichlorobenzene | 9.66 | | " | 10.0 | | 96.6 | 70-130 | | | | |
| 1,3-Dichloropropane | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 9.56 | | " | 10.0 | | 95.6 | 70-130 | | | | |
| 1,4-Dioxane | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 2-Butanone | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 2-Hexanone | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 3-Chloropropene | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Acetone | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Acrylonitrile | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Benzene | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| Benzyl chloride | 9.88 | | " | 10.0 | | 98.8 | 70-130 | | | | |
| Bromodichloromethane | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| Bromoform | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| Bromomethane | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Carbon disulfide | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Carbon tetrachloride | 11.8 | | " | 10.0 | | 118 | 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 BL30854 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BL30854-BS1)** LCS | | | | | | | | Prepared & Analyzed: 12/12/2023 | | | |
| Chlorobenzene | 10.4 | | ppbv | 10.0 | | 104 | 70-130 | | | | |
| Chloroethane | 12.4 | | " | 10.0 | | 124 | 70-130 | | | | |
| Chloroform | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Chloromethane | 6.96 | | " | 10.0 | | 69.6 | 70-130 | Low Bias | | | |
| cis-1,2-Dichloroethylene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Cyclohexane | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| Dibromochloromethane | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| Dichlorodifluoromethane | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Ethyl acetate | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Ethyl Benzene | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Hexachlorobutadiene | 6.97 | | " | 10.0 | | 69.7 | 70-130 | Low Bias | | | |
| Isopropanol | 9.68 | | " | 10.0 | | 96.8 | 70-130 | | | | |
| Methyl Methacrylate | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| Methylene chloride | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| n-Heptane | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| n-Hexane | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| o-Xylene | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| p- & m- Xylenes | 22.9 | | " | 20.0 | | 114 | 70-130 | | | | |
| p-Ethyltoluene | 12.1 | | " | 10.0 | | 121 | 70-130 | | | | |
| Propylene | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Styrene | 12.3 | | " | 10.0 | | 123 | 70-130 | | | | |
| Tetrachloroethylene | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| Tetrahydrofuran | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| Toluene | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| Trichloroethylene | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Vinyl acetate | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| Vinyl bromide | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Vinyl Chloride | 6.68 | | " | 10.0 | | 66.8 | 70-130 | Low Bias | | | |

## 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 BL30854 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BL30854-DUP1)** Duplicate | *Source sample: 23L0129-06 (Duplicate) | | | | | | | | Prepared: 12/12/2023 Analyzed: 12/13/2023 | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.16 | ug/m³ | | ND | | | | | 25 | |
| 1,1,1-Trichloroethane | 2.13 | 0.925 | " | | 1.94 | | | | 9.09 | 25 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.16 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.30 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloroethane | ND | 0.925 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethane | ND | 0.686 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethylene | ND | 0.336 | " | | ND | | | | | 25 | |
| 1,2,4-Trichlorobenzene | ND | 1.26 | " | | ND | | | | | 25 | |
| 1,2,4-Trimethylbenzene | 2.83 | 0.833 | " | | 3.25 | | | | 13.7 | 25 | |
| 1,2-Dibromoethane | ND | 1.30 | " | | ND | | | | | 25 | |
| 1,2-Dichlorobenzene | ND | 1.02 | " | | ND | | | | | 25 | |
| 1,2-Dichloroethane | ND | 0.686 | " | | ND | | | | | 25 | |
| 1,2-Dichloropropane | ND | 0.783 | " | | ND | | | | | 25 | |
| 1,2-Dichlorotetrafluoroethane | ND | 1.18 | " | | ND | | | | | 25 | |
| 1,3,5-Trimethylbenzene | 0.583 | 0.833 | " | | 0.667 | | | | 13.3 | 25 | |
| 1,3-Butadiene | ND | 1.12 | " | | ND | | | | | 25 | |
| 1,3-Dichlorobenzene | ND | 1.02 | " | | ND | | | | | 25 | |
| 1,3-Dichloropropane | ND | 0.783 | " | | ND | | | | | 25 | |
| 1,4-Dichlorobenzene | ND | 1.02 | " | | ND | | | | | 25 | |
| 1,4-Dioxane | ND | 1.22 | " | | ND | | | | | 25 | |
| 2-Butanone | 4.30 | 0.500 | " | | 4.30 | | | | 0.00 | 25 | |
| 2-Hexanone | 0.417 | 1.39 | " | | 0.486 | | | | 15.4 | 25 | |
| 3-Chloropropene | ND | 2.65 | " | | ND | | | | | 25 | |
| 4-Methyl-2-pentanone | ND | 0.694 | " | | ND | | | | | 25 | |
| Acetone | 5.03 | 0.805 | " | | 4.87 | | | | 3.25 | 25 | |
| Acrylonitrile | ND | 0.368 | " | | ND | | | | | 25 | |
| Benzene | ND | 0.541 | " | | ND | | | | | 25 | |
| Benzyl chloride | 19.0 | 0.878 | " | | 21.1 | | | | 10.5 | 25 | |
| Bromodichloromethane | ND | 1.14 | " | | ND | | | | | 25 | |
| Bromoform | ND | 1.75 | " | | ND | | | | | 25 | |
| Bromomethane | ND | 0.658 | " | | ND | | | | | 25 | |
| Carbon disulfide | ND | 0.528 | " | | ND | | | | | 25 | |
| Carbon tetrachloride | 0.320 | 0.267 | " | | 0.320 | | | | 0.00 | 25 | |
| Chlorobenzene | ND | 0.780 | " | | ND | | | | | 25 | |
| Chloroethane | ND | 0.447 | " | | ND | | | | | 25 | |
| Chloroform | ND | 0.828 | " | | ND | | | | | 25 | |
| Chloromethane | ND | 0.350 | " | | ND | | | | | 25 | |
| cis-1,2-Dichloroethylene | ND | 0.336 | " | | ND | | | | | 25 | |
| cis-1,3-Dichloropropylene | ND | 0.769 | " | | ND | | | | | 25 | |
| Cyclohexane | ND | 0.583 | " | | ND | | | | | 25 | |
| Dibromochloromethane | ND | 1.44 | " | | ND | | | | | 25 | |
| Dichlorodifluoromethane | 2.43 | 0.838 | " | | 2.18 | | | | 10.9 | 25 | |
| Ethyl acetate | ND | 1.22 | " | | ND | | | | | 25 | |
| Ethyl Benzene | 1.32 | 0.736 | " | | 1.40 | | | | 5.41 | 25 | |
| Hexachlorobutadiene | ND | 1.81 | " | | ND | | | | | 25 | |
| Isopropanol | 2.25 | 0.833 | " | | 2.21 | | | | 1.87 | 25 | |
| Methyl Methacrylate | ND | 0.694 | " | | ND | | | | | 25 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.611 | " | | ND | | | | | 25 | |
| Methylene chloride | ND | 1.18 | " | | ND | | | | | 25 | |
| n-Heptane | ND | 0.695 | " | | ND | | | | | 25 | |
| n-Hexane | 0.478 | 0.597 | " | | ND | | | | | 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 BL30854 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BL30854-DUP1)** Duplicate | *Source sample: 23L0129-06 (Duplicate) | | | | | | | | Prepared: 12/12/2023 Analyzed: 12/13/2023 | | |
| o-Xylene | 1.99 | 0.736 | ug/m³ | | 1.91 | | | | 3.77 | 25 | |
| p- & m- Xylenes | 5.52 | 1.47 | " | | 5.45 | | | | 1.34 | 25 | |
| p-Ethyltoluene | 2.33 | 0.833 | " | | 2.33 | | | | 0.00 | 25 | |
| Propylene | 0.496 | 0.292 | " | | 0.496 | | | | 0.00 | 25 | |
| Styrene | 1.08 | 0.722 | " | | 1.16 | | | | 6.45 | 25 | |
| Tetrachloroethylene | 2.07 | 1.15 | " | | 1.95 | | | | 5.71 | 25 | |
| Tetrahydrofuran | ND | 1.00 | " | | ND | | | | | 25 | |
| Toluene | 4.22 | 0.639 | " | | 4.22 | | | | 0.00 | 25 | |
| trans-1,2-Dichloroethylene | ND | 0.672 | " | | ND | | | | | 25 | |
| trans-1,3-Dichloropropylene | ND | 0.769 | " | | ND | | | | | 25 | |
| Trichloroethylene | ND | 0.228 | " | | ND | | | | | 25 | |
| Trichlorofluoromethane (Freon 11) | ND | 0.952 | " | | ND | | | | | 25 | |
| Vinyl acetate | ND | 0.597 | " | | ND | | | | | 25 | |
| Vinyl bromide | ND | 0.741 | " | | ND | | | | | 25 | |
| Vinyl Chloride | ND | 0.217 | " | | ND | | | | | 25 | |
| **Batch BL31322 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BL31322-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 12/18/2023 | | |
| 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 | 0.891 | 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 | " | | | | | | | | |

## 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 BL31322 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BL31322-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 12/18/2023 | | |
| Carbon tetrachloride | ND | 0.157 | ug/m³ | | | | | | | | |
| 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 | ND | 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 | " | | | | | | | | |
| 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 | " | | | | | | | | |

## 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 BL31322 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BL31322-BS1)** LCS | | | | | | | | Prepared & Analyzed: 12/18/2023 | | | |
| 1,1,1,2-Tetrachloroethane | 11.2 | | ppbv | 10.0 | | 112 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| 1,1-Dichloroethane | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 1,1-Dichloroethylene | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 12.9 | | " | 10.0 | | 129 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| 1,2-Dibromoethane | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 12.0 | | " | 10.0 | | 120 | 70-130 | | | | |
| 1,2-Dichloroethane | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| 1,2-Dichloropropane | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| 1,3,5-Trimethylbenzene | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| 1,3-Butadiene | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| 1,3-Dichlorobenzene | 12.1 | | " | 10.0 | | 121 | 70-130 | | | | |
| 1,3-Dichloropropane | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 12.1 | | " | 10.0 | | 121 | 70-130 | | | | |
| 1,4-Dioxane | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 2-Butanone | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 2-Hexanone | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| 3-Chloropropene | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| Acetone | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Acrylonitrile | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| Benzene | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Benzyl chloride | 14.0 | | " | 10.0 | | 140 | 70-130 | High Bias | | | |
| Bromodichloromethane | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| Bromoform | 12.9 | | " | 10.0 | | 129 | 70-130 | | | | |
| Bromomethane | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Carbon disulfide | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| Carbon tetrachloride | 12.7 | | " | 10.0 | | 127 | 70-130 | | | | |
| Chlorobenzene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| Chloroethane | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Chloroform | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| Chloromethane | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| cis-1,2-Dichloroethylene | 9.87 | | " | 10.0 | | 98.7 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Cyclohexane | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| Dibromochloromethane | 12.8 | | " | 10.0 | | 128 | 70-130 | | | | |
| Dichlorodifluoromethane | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Ethyl acetate | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Ethyl Benzene | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Hexachlorobutadiene | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| Isopropanol | 9.55 | | " | 10.0 | | 95.5 | 70-130 | | | | |
| Methyl Methacrylate | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| Methylene chloride | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| n-Heptane | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| n-Hexane | 11.4 | | " | 10.0 | | 114 | 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 BL31322 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BL31322-BS1)** LCS | | | | | | | | Prepared & Analyzed: 12/18/2023 | | | |
| o-Xylene | 11.3 | | ppbv | 10.0 | | 113 | 70-130 | | | | |
| p- & m- Xylenes | 22.1 | | " | 20.0 | | 110 | 70-130 | | | | |
| p-Ethyltoluene | 12.0 | | " | 10.0 | | 120 | 70-130 | | | | |
| Propylene | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| Styrene | 12.1 | | " | 10.0 | | 121 | 70-130 | | | | |
| Tetrachloroethylene | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Tetrahydrofuran | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Toluene | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Trichloroethylene | 9.98 | | " | 10.0 | | 99.8 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| Vinyl acetate | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Vinyl bromide | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| Vinyl Chloride | 9.51 | | " | 10.0 | | 95.1 | 70-130 | | | | |
| **Duplicate (BL31322-DUP1)** Duplicate | *Source sample: 23L0788-01 (Duplicate) | | | | | | | Prepared & Analyzed: 12/18/2023 | | | |
| 1,1,1,2-Tetrachloroethane | ND | 0.680 | ug/m³ | | ND | | | | | 25 | |
| 1,1,1-Trichloroethane | ND | 0.540 | " | | ND | | | | | 25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.680 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.759 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloroethane | ND | 0.540 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethane | ND | 0.401 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethylene | ND | 0.196 | " | | ND | | | | | 25 | |
| 1,2,4-Trichlorobenzene | ND | 0.735 | " | | 0.588 | | | | | 25 | |
| 1,2,4-Trimethylbenzene | ND | 0.487 | " | | ND | | | | | 25 | |
| 1,2-Dibromoethane | ND | 0.761 | " | | ND | | | | | 25 | |
| 1,2-Dichlorobenzene | ND | 0.595 | " | | ND | | | | | 25 | |
| 1,2-Dichloroethane | ND | 0.401 | " | | ND | | | | | 25 | |
| 1,2-Dichloropropane | ND | 0.457 | " | | ND | | | | | 25 | |
| 1,2-Dichlorotetrafluoroethane | ND | 0.692 | " | | ND | | | | | 25 | |
| 1,3,5-Trimethylbenzene | ND | 0.487 | " | | ND | | | | | 25 | |
| 1,3-Butadiene | ND | 0.657 | " | | ND | | | | | 25 | |
| 1,3-Dichlorobenzene | ND | 0.595 | " | | ND | | | | | 25 | |
| 1,3-Dichloropropane | ND | 0.458 | " | | ND | | | | | 25 | |
| 1,4-Dichlorobenzene | ND | 0.595 | " | | ND | | | | | 25 | |
| 1,4-Dioxane | ND | 0.713 | " | | ND | | | | | 25 | |
| 2-Butanone | 0.467 | 0.292 | " | | 0.467 | | | | 0.00 | 25 | |
| 2-Hexanone | ND | 0.811 | " | | ND | | | | | 25 | |
| 3-Chloropropene | ND | 1.55 | " | | ND | | | | | 25 | |
| 4-Methyl-2-pentanone | ND | 0.406 | " | | ND | | | | | 25 | |
| Acetone | 5.41 | 0.470 | " | | 5.48 | | | | 1.30 | 25 | |
| Acrylonitrile | ND | 0.215 | " | | ND | | | | | 25 | |
| Benzene | 0.411 | 0.316 | " | | 0.443 | | | | 7.41 | 25 | |
| Benzyl chloride | ND | 0.513 | " | | ND | | | | | 25 | |
| Bromodichloromethane | ND | 0.663 | " | | ND | | | | | 25 | |
| Bromoform | ND | 1.02 | " | | ND | | | | | 25 | |
| Bromomethane | ND | 0.384 | " | | ND | | | | | 25 | |
| Carbon disulfide | ND | 0.308 | " | | ND | | | | | 25 | |
| Carbon tetrachloride | 0.561 | 0.156 | " | | 0.498 | | | | 11.8 | 25 | |
| Chlorobenzene | ND | 0.456 | " | | ND | | | | | 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 BL31322 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BL31322-DUP1)** Duplicate | *Source sample: 23L0788-01 (Duplicate) | | | | | | | | Prepared & Analyzed: 12/18/2023 | | |
| Chloroethane | ND | 0.261 | ug/m³ | | ND | | | | | 25 | |
| Chloroform | ND | 0.483 | " | | ND | | | | | 25 | |
| Chloromethane | 0.838 | 0.204 | " | | 1.00 | | | | 17.8 | 25 | |
| cis-1,2-Dichloroethylene | ND | 0.196 | " | | ND | | | | | 25 | |
| cis-1,3-Dichloropropylene | ND | 0.449 | " | | ND | | | | | 25 | |
| Cyclohexane | ND | 0.341 | " | | ND | | | | | 25 | |
| Dibromochloromethane | ND | 0.843 | " | | ND | | | | | 25 | |
| Dichlorodifluoromethane | 2.74 | 0.490 | " | | 2.74 | | | | 0.00 | 25 | |
| Ethyl acetate | 0.392 | 0.713 | " | | 0.357 | | | | 9.52 | 25 | |
| Ethyl Benzene | ND | 0.430 | " | | ND | | | | | 25 | |
| Hexachlorobutadiene | ND | 1.06 | " | | ND | | | | | 25 | |
| Isopropanol | 12.3 | 0.487 | " | | 12.3 | | | | 0.594 | 25 | |
| Methyl Methacrylate | 0.243 | 0.405 | " | | ND | | | | | 25 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.357 | " | | ND | | | | | 25 | |
| Methylene chloride | 2.48 | 0.688 | " | | 2.51 | | | | 1.38 | 25 | |
| n-Heptane | ND | 0.406 | " | | ND | | | | | 25 | |
| n-Hexane | ND | 0.349 | " | | ND | | | | | 25 | |
| o-Xylene | 0.215 | 0.430 | " | | 0.215 | | | | 0.00 | 25 | |
| p- & m- Xylenes | ND | 0.860 | " | | 0.645 | | | | | 25 | |
| p-Ethyltoluene | ND | 0.487 | " | | ND | | | | | 25 | |
| Propylene | ND | 0.170 | " | | ND | | | | | 25 | |
| Styrene | ND | 0.422 | " | | ND | | | | | 25 | |
| Tetrachloroethylene | 0.336 | 0.671 | " | | 0.336 | | | | 0.00 | 25 | |
| Tetrahydrofuran | ND | 0.584 | " | | ND | | | | | 25 | |
| Toluene | 2.05 | 0.373 | " | | 2.09 | | | | 1.80 | 25 | |
| trans-1,2-Dichloroethylene | ND | 0.393 | " | | ND | | | | | 25 | |
| trans-1,3-Dichloropropylene | ND | 0.449 | " | | ND | | | | | 25 | |
| Trichloroethylene | ND | 0.133 | " | | ND | | | | | 25 | |
| Trichlorofluoromethane (Freon 11) | 1.45 | 0.556 | " | | 1.45 | | | | 0.00 | 25 | |
| Vinyl acetate | ND | 0.349 | " | | ND | | | | | 25 | |
| Vinyl bromide | ND | 0.433 | " | | ND | | | | | 25 | |
| Vinyl Chloride | ND | 0.127 | " | | ND | | | | | 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 BL31401 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BL31401-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 12/19/2023 | | |
| 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 | 0.565 | 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 | " | | | | | | | | |
| n-Hexane | ND | 0.352 | " | | | | | | | | |

## 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 BL31401 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BL31401-BLK1)** Blank | | | | | | | | Prepared & Analyzed: 12/19/2023 | | | |
| o-Xylene | ND | 0.434 | ug/m³ | | | | | | | | |
| 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 (BL31401-BS1)** LCS | | | | | | | | Prepared & Analyzed: 12/19/2023 | | | |
| 1,1,1,2-Tetrachloroethane | 8.58 | | ppbv | 10.0 | | 85.8 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 8.50 | | " | 10.0 | | 85.0 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 8.55 | | " | 10.0 | | 85.5 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 8.55 | | " | 10.0 | | 85.5 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 8.42 | | " | 10.0 | | 84.2 | 70-130 | | | | |
| 1,1-Dichloroethane | 8.00 | | " | 10.0 | | 80.0 | 70-130 | | | | |
| 1,1-Dichloroethylene | 8.62 | | " | 10.0 | | 86.2 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 6.08 | | " | 10.0 | | 60.8 | 70-130 | Low Bias | | | |
| 1,2,4-Trimethylbenzene | 9.22 | | " | 10.0 | | 92.2 | 70-130 | | | | |
| 1,2-Dibromoethane | 8.46 | | " | 10.0 | | 84.6 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 9.65 | | " | 10.0 | | 96.5 | 70-130 | | | | |
| 1,2-Dichloroethane | 7.85 | | " | 10.0 | | 78.5 | 70-130 | | | | |
| 1,2-Dichloropropane | 8.02 | | " | 10.0 | | 80.2 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 6.55 | | " | 10.0 | | 65.5 | 70-130 | Low Bias | | | |
| 1,3,5-Trimethylbenzene | 9.12 | | " | 10.0 | | 91.2 | 70-130 | | | | |
| 1,3-Butadiene | 5.84 | | " | 10.0 | | 58.4 | 70-130 | Low Bias | | | |
| 1,3-Dichlorobenzene | 8.07 | | " | 10.0 | | 80.7 | 70-130 | | | | |
| 1,3-Dichloropropane | 8.18 | | " | 10.0 | | 81.8 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 7.94 | | " | 10.0 | | 79.4 | 70-130 | | | | |
| 1,4-Dioxane | 8.23 | | " | 10.0 | | 82.3 | 70-130 | | | | |
| 2-Butanone | 7.86 | | " | 10.0 | | 78.6 | 70-130 | | | | |
| 2-Hexanone | 8.37 | | " | 10.0 | | 83.7 | 70-130 | | | | |
| 3-Chloropropene | 8.86 | | " | 10.0 | | 88.6 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 8.20 | | " | 10.0 | | 82.0 | 70-130 | | | | |
| Acetone | 8.95 | | " | 10.0 | | 89.5 | 70-130 | | | | |
| Acrylonitrile | 8.36 | | " | 10.0 | | 83.6 | 70-130 | | | | |
| Benzene | 8.32 | | " | 10.0 | | 83.2 | 70-130 | | | | |
| Benzyl chloride | 8.20 | | " | 10.0 | | 82.0 | 70-130 | | | | |
| Bromodichloromethane | 8.25 | | " | 10.0 | | 82.5 | 70-130 | | | | |
| Bromoform | 9.50 | | " | 10.0 | | 95.0 | 70-130 | | | | |
| Bromomethane | 8.33 | | " | 10.0 | | 83.3 | 70-130 | | | | |
| Carbon disulfide | 8.21 | | " | 10.0 | | 82.1 | 70-130 | | | | |
| Carbon tetrachloride | 9.18 | | " | 10.0 | | 91.8 | 70-130 | | | | |
| Chlorobenzene | 8.25 | | " | 10.0 | | 82.5 | 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 BL31401 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BL31401-BS1)** LCS | | | | | | | | Prepared & Analyzed: 12/19/2023 | | | |
| Chloroethane | 10.2 | | ppbv | 10.0 | | 102 | 70-130 | | | | |
| Chloroform | 8.23 | | " | 10.0 | | 82.3 | 70-130 | | | | |
| Chloromethane | 5.37 | | " | 10.0 | | 53.7 | 70-130 | Low Bias | | | |
| cis-1,2-Dichloroethylene | 8.48 | | " | 10.0 | | 84.8 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 8.60 | | " | 10.0 | | 86.0 | 70-130 | | | | |
| Cyclohexane | 8.73 | | " | 10.0 | | 87.3 | 70-130 | | | | |
| Dibromochloromethane | 8.66 | | " | 10.0 | | 86.6 | 70-130 | | | | |
| Dichlorodifluoromethane | 8.53 | | " | 10.0 | | 85.3 | 70-130 | | | | |
| Ethyl acetate | 8.02 | | " | 10.0 | | 80.2 | 70-130 | | | | |
| Ethyl Benzene | 8.58 | | " | 10.0 | | 85.8 | 70-130 | | | | |
| Hexachlorobutadiene | 5.82 | | " | 10.0 | | 58.2 | 70-130 | Low Bias | | | |
| Isopropanol | 8.89 | | " | 10.0 | | 88.9 | 70-130 | | | | |
| Methyl Methacrylate | 8.47 | | " | 10.0 | | 84.7 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 8.68 | | " | 10.0 | | 86.8 | 70-130 | | | | |
| Methylene chloride | 8.01 | | " | 10.0 | | 80.1 | 70-130 | | | | |
| n-Heptane | 8.59 | | " | 10.0 | | 85.9 | 70-130 | | | | |
| n-Hexane | 8.50 | | " | 10.0 | | 85.0 | 70-130 | | | | |
| o-Xylene | 8.83 | | " | 10.0 | | 88.3 | 70-130 | | | | |
| p- & m- Xylenes | 17.2 | | " | 20.0 | | 86.2 | 70-130 | | | | |
| p-Ethyltoluene | 9.33 | | " | 10.0 | | 93.3 | 70-130 | | | | |
| Propylene | 8.41 | | " | 10.0 | | 84.1 | 70-130 | | | | |
| Styrene | 9.53 | | " | 10.0 | | 95.3 | 70-130 | | | | |
| Tetrachloroethylene | 8.38 | | " | 10.0 | | 83.8 | 70-130 | | | | |
| Tetrahydrofuran | 8.17 | | " | 10.0 | | 81.7 | 70-130 | | | | |
| Toluene | 8.09 | | " | 10.0 | | 80.9 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 8.43 | | " | 10.0 | | 84.3 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 8.72 | | " | 10.0 | | 87.2 | 70-130 | | | | |
| Trichloroethylene | 8.22 | | " | 10.0 | | 82.2 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 8.49 | | " | 10.0 | | 84.9 | 70-130 | | | | |
| Vinyl acetate | 7.99 | | " | 10.0 | | 79.9 | 70-130 | | | | |
| Vinyl bromide | 8.99 | | " | 10.0 | | 89.9 | 70-130 | | | | |
| Vinyl Chloride | 4.93 | | " | 10.0 | | 49.3 | 70-130 | Low Bias | | | |

## 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 BL31401 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BL31401-DUP1)** Duplicate | *Source sample: 23L1032-02 (Duplicate) | | | | | | | | Prepared & Analyzed: 12/19/2023 | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.99 | ug/m³ | | ND | | | | | 25 | |
| 1,1,1-Trichloroethane | ND | 1.58 | " | | ND | | | | | 25 | |
| 1,1,2,2-Tetrachloroethane | ND | 1.99 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 2.22 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloroethane | ND | 1.58 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethane | ND | 1.17 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethylene | ND | 0.575 | " | | ND | | | | | 25 | |
| 1,2,4-Trichlorobenzene | ND | 2.15 | " | | ND | | | | | 25 | |
| 1,2,4-Trimethylbenzene | ND | 1.43 | " | | ND | | | | | 25 | |
| 1,2-Dibromoethane | ND | 2.23 | " | | ND | | | | | 25 | |
| 1,2-Dichlorobenzene | ND | 1.74 | " | | ND | | | | | 25 | |
| 1,2-Dichloroethane | ND | 1.17 | " | | ND | | | | | 25 | |
| 1,2-Dichloropropane | ND | 1.34 | " | | ND | | | | | 25 | |
| 1,2-Dichlorotetrafluoroethane | ND | 2.03 | " | | ND | | | | | 25 | |
| 1,3,5-Trimethylbenzene | ND | 1.43 | " | | ND | | | | | 25 | |
| 1,3-Butadiene | ND | 1.92 | " | | ND | | | | | 25 | |
| 1,3-Dichlorobenzene | ND | 1.74 | " | | ND | | | | | 25 | |
| 1,3-Dichloropropane | ND | 1.34 | " | | ND | | | | | 25 | |
| 1,4-Dichlorobenzene | ND | 1.74 | " | | ND | | | | | 25 | |
| 1,4-Dioxane | ND | 2.09 | " | | ND | | | | | 25 | |
| 2-Butanone | 0.770 | 0.855 | " | | 0.770 | | | | 0.00 | 25 | |
| 2-Hexanone | ND | 2.38 | " | | ND | | | | | 25 | |
| 3-Chloropropene | ND | 4.54 | " | | ND | | | | | 25 | |
| 4-Methyl-2-pentanone | ND | 1.19 | " | | ND | | | | | 25 | |
| Acetone | 4.20 | 1.38 | " | | 4.27 | | | | 1.63 | 25 | |
| Acrylonitrile | 1.83 | 0.629 | " | | 1.89 | | | | 3.39 | 25 | |
| Benzene | ND | 0.926 | " | | ND | | | | | 25 | |
| Benzyl chloride | ND | 1.50 | " | | ND | | | | | 25 | |
| Bromodichloromethane | ND | 1.94 | " | | ND | | | | | 25 | |
| Bromoform | ND | 3.00 | " | | ND | | | | | 25 | |
| Bromomethane | ND | 1.13 | " | | ND | | | | | 25 | |
| Carbon disulfide | ND | 0.903 | " | | ND | | | | | 25 | |
| Carbon tetrachloride | ND | 0.456 | " | | ND | | | | | 25 | |
| Chlorobenzene | ND | 1.34 | " | | ND | | | | | 25 | |
| Chloroethane | ND | 0.765 | " | | ND | | | | | 25 | |
| Chloroform | 1.42 | 1.42 | " | | 1.56 | | | | 9.52 | 25 | |
| Chloromethane | ND | 0.599 | " | | ND | | | | | 25 | |
| cis-1,2-Dichloroethylene | 1.38 | 0.575 | " | | 1.49 | | | | 8.00 | 25 | |
| cis-1,3-Dichloropropylene | ND | 1.32 | " | | ND | | | | | 25 | |
| Cyclohexane | 0.998 | 0.998 | " | | 1.10 | | | | 9.52 | 25 | |
| Dibromochloromethane | ND | 2.47 | " | | ND | | | | | 25 | |
| Dichlorodifluoromethane | 2.44 | 1.43 | " | | 2.44 | | | | 0.00 | 25 | |
| Ethyl acetate | ND | 2.09 | " | | ND | | | | | 25 | |
| Ethyl Benzene | ND | 1.26 | " | | ND | | | | | 25 | |
| Hexachlorobutadiene | ND | 3.09 | " | | ND | | | | | 25 | |
| Isopropanol | 1.85 | 1.43 | " | | 1.85 | | | | 0.00 | 25 | |
| Methyl Methacrylate | ND | 1.19 | " | | ND | | | | | 25 | |
| Methyl tert-butyl ether (MTBE) | ND | 1.05 | " | | ND | | | | | 25 | |
| Methylene chloride | ND | 2.01 | " | | ND | | | | | 25 | |
| n-Heptane | ND | 1.19 | " | | ND | | | | | 25 | |
| n-Hexane | 2.04 | 1.02 | " | | 2.15 | | | | 4.88 | 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 BL31401 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BL31401-DUP1)** Duplicate | *Source sample: 23L1032-02 (Duplicate) | | | | | | | | Prepared & Analyzed: 12/19/2023 | | |
| o-Xylene | ND | 1.26 | ug/m³ | | ND | | | | | 25 | |
| p- & m- Xylenes | ND | 2.52 | " | | ND | | | | | 25 | |
| p-Ethyltoluene | ND | 1.43 | " | | ND | | | | | 25 | |
| Propylene | 28.8 | 0.499 | " | | 29.5 | | | | 2.40 | 25 | |
| Styrene | ND | 1.24 | " | | ND | | | | | 25 | |
| Tetrachloroethylene | 97.0 | 1.97 | " | | 99.3 | | | | 2.40 | 25 | |
| Tetrahydrofuran | ND | 1.71 | " | | ND | | | | | 25 | |
| Toluene | 1.31 | 1.09 | " | | 1.31 | | | | 0.00 | 25 | |
| trans-1,2-Dichloroethylene | ND | 1.15 | " | | ND | | | | | 25 | |
| trans-1,3-Dichloropropylene | ND | 1.32 | " | | ND | | | | | 25 | |
| Trichloroethylene | 389 | 0.390 | " | | 390 | | | | 0.240 | 25 | |
| Trichlorofluoromethane (Freon 11) | 1.30 | 1.63 | " | | 1.30 | | | | 0.00 | 25 | |
| Vinyl acetate | ND | 1.02 | " | | ND | | | | | 25 | |
| Vinyl bromide | ND | 1.27 | " | | ND | | | | | 25 | |
| Vinyl Chloride | ND | 0.371 | " | | ND | | | | | 25 | |
| **Batch BL31632 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BL31632-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 12/20/2023 | | |
| 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 | 0.891 | 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 | " | | | | | | | | |

## 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 BL31632 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BL31632-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 12/20/2023 | | |
| Carbon tetrachloride | ND | 0.157 | ug/m³ | | | | | | | | |
| 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 | ND | 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 | " | | | | | | | | |
| 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 | " | | | | | | | | |

## 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 BL31632 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BL31632-BS1)** LCS | | | | | | | | Prepared & Analyzed: 12/20/2023 | | | |
| 1,1,1,2-Tetrachloroethane | 10.7 | | ppbv | 10.0 | | 107 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 1,1-Dichloroethane | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| 1,1-Dichloroethylene | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| 1,2-Dibromoethane | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| 1,2-Dichloroethane | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| 1,2-Dichloropropane | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 12.1 | | " | 10.0 | | 121 | 70-130 | | | | |
| 1,3,5-Trimethylbenzene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| 1,3-Butadiene | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| 1,3-Dichlorobenzene | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| 1,3-Dichloropropane | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |
| 1,4-Dioxane | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 2-Butanone | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| 2-Hexanone | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| 3-Chloropropene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 9.91 | | " | 10.0 | | 99.1 | 70-130 | | | | |
| Acetone | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Acrylonitrile | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| Benzene | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| Benzyl chloride | 13.4 | | " | 10.0 | | 134 | 70-130 | High Bias | | | |
| Bromodichloromethane | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Bromoform | 9.98 | | " | 10.0 | | 99.8 | 70-130 | | | | |
| Bromomethane | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |
| Carbon disulfide | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| Carbon tetrachloride | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| Chlorobenzene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| Chloroethane | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |
| Chloroform | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Chloromethane | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| cis-1,2-Dichloroethylene | 9.71 | | " | 10.0 | | 97.1 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Cyclohexane | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| Dibromochloromethane | 9.97 | | " | 10.0 | | 99.7 | 70-130 | | | | |
| Dichlorodifluoromethane | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| Ethyl acetate | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| Ethyl Benzene | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Hexachlorobutadiene | 9.50 | | " | 10.0 | | 95.0 | 70-130 | | | | |
| Isopropanol | 9.62 | | " | 10.0 | | 96.2 | 70-130 | | | | |
| Methyl Methacrylate | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| Methylene chloride | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| n-Heptane | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| n-Hexane | 11.7 | | " | 10.0 | | 117 | 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 BL31632 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BL31632-BS1)** LCS | | | | | | | | Prepared & Analyzed: 12/20/2023 | | | |
| o-Xylene | 10.9 | | ppbv | 10.0 | | 109 | 70-130 | | | | |
| p- & m- Xylenes | 21.5 | | " | 20.0 | | 108 | 70-130 | | | | |
| p-Ethyltoluene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Propylene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| Styrene | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| Tetrachloroethylene | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Tetrahydrofuran | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| Toluene | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| Trichloroethylene | 9.65 | | " | 10.0 | | 96.5 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Vinyl acetate | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Vinyl bromide | 12.4 | | " | 10.0 | | 124 | 70-130 | | | | |
| Vinyl Chloride | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| **Duplicate (BL31632-DUP1)** Duplicate | *Source sample: 23L1199-05 (Duplicate) | | | | | | | Prepared: 12/20/2023 Analyzed: 12/21/2023 | | | |
| 1,1,1,2-Tetrachloroethane | ND | 5.43 | ug/m³ | | ND | | | | | 25 | |
| 1,1,1-Trichloroethane | 863 | 4.32 | " | | 850 | | | | 1.51 | 25 | |
| 1,1,2,2-Tetrachloroethane | ND | 5.43 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 6.07 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloroethane | ND | 4.32 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethane | 18.3 | 3.20 | " | | 18.3 | | | | 0.00 | 25 | |
| 1,1-Dichloroethylene | 1.26 | 1.57 | " | | 1.26 | | | | 0.00 | 25 | |
| 1,2,4-Trichlorobenzene | ND | 5.87 | " | | ND | | | | | 25 | |
| 1,2,4-Trimethylbenzene | ND | 3.89 | " | | ND | | | | | 25 | |
| 1,2-Dibromoethane | ND | 6.08 | " | | ND | | | | | 25 | |
| 1,2-Dichlorobenzene | ND | 4.76 | " | | ND | | | | | 25 | |
| 1,2-Dichloroethane | ND | 3.20 | " | | ND | | | | | 25 | |
| 1,2-Dichloropropane | ND | 3.66 | " | | ND | | | | | 25 | |
| 1,2-Dichlorotetrafluoroethane | ND | 5.53 | " | | ND | | | | | 25 | |
| 1,3,5-Trimethylbenzene | ND | 3.89 | " | | ND | | | | | 25 | |
| 1,3-Butadiene | ND | 5.25 | " | | ND | | | | | 25 | |
| 1,3-Dichlorobenzene | ND | 4.76 | " | | ND | | | | | 25 | |
| 1,3-Dichloropropane | ND | 3.66 | " | | ND | | | | | 25 | |
| 1,4-Dichlorobenzene | ND | 4.76 | " | | ND | | | | | 25 | |
| 1,4-Dioxane | ND | 5.70 | " | | ND | | | | | 25 | |
| 2-Butanone | ND | 2.33 | " | | ND | | | | | 25 | |
| 2-Hexanone | ND | 6.48 | " | | ND | | | | | 25 | |
| 3-Chloropropene | ND | 12.4 | " | | ND | | | | | 25 | |
| 4-Methyl-2-pentanone | ND | 3.24 | " | | ND | | | | | 25 | |
| Acetone | 14.3 | 3.76 | " | | 13.3 | | | | 6.80 | 25 | |
| Acrylonitrile | ND | 1.72 | " | | ND | | | | | 25 | |
| Benzene | ND | 2.53 | " | | ND | | | | | 25 | |
| Benzyl chloride | ND | 4.10 | " | | ND | | | | | 25 | |
| Bromodichloromethane | ND | 5.30 | " | | ND | | | | | 25 | |
| Bromoform | ND | 8.18 | " | | ND | | | | | 25 | |
| Bromomethane | ND | 3.07 | " | | ND | | | | | 25 | |
| Carbon disulfide | ND | 2.46 | " | | ND | | | | | 25 | |
| Carbon tetrachloride | ND | 1.24 | " | | ND | | | | | 25 | |
| Chlorobenzene | ND | 3.64 | " | | ND | | | | | 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 BL31632 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BL31632-DUP1)** Duplicate | *Source sample: 23L1199-05 (Duplicate) | | | | | | | | Prepared: 12/20/2023 Analyzed: 12/21/2023 | | |
| Chloroethane | ND | 2.09 | ug/m³ | | ND | | | | | 25 | |
| Chloroform | 5.41 | 3.86 | " | | 5.41 | | | | 0.00 | 25 | |
| Chloromethane | ND | 1.63 | " | | ND | | | | | 25 | |
| cis-1,2-Dichloroethylene | ND | 1.57 | " | | ND | | | | | 25 | |
| cis-1,3-Dichloropropylene | ND | 3.59 | " | | ND | | | | | 25 | |
| Cyclohexane | 4.09 | 2.72 | " | | 3.81 | | | | 6.90 | 25 | |
| Dibromochloromethane | ND | 6.74 | " | | ND | | | | | 25 | |
| Dichlorodifluoromethane | ND | 3.91 | " | | 3.52 | | | | | 25 | |
| Ethyl acetate | ND | 5.70 | " | | ND | | | | | 25 | |
| Ethyl Benzene | ND | 3.44 | " | | ND | | | | | 25 | |
| Hexachlorobutadiene | ND | 8.44 | " | | ND | | | | | 25 | |
| Isopropanol | 98.4 | 3.89 | " | | 102 | | | | 3.11 | 25 | |
| Methyl Methacrylate | ND | 3.24 | " | | ND | | | | | 25 | |
| Methyl tert-butyl ether (MTBE) | ND | 2.85 | " | | ND | | | | | 25 | |
| Methylene chloride | 3.85 | 5.50 | " | | 4.67 | | | | 19.4 | 25 | |
| n-Heptane | ND | 3.24 | " | | ND | | | | | 25 | |
| n-Hexane | 2.23 | 2.79 | " | | 2.23 | | | | 0.00 | 25 | |
| o-Xylene | ND | 3.44 | " | | ND | | | | | 25 | |
| p- & m- Xylenes | ND | 6.87 | " | | ND | | | | | 25 | |
| p-Ethyltoluene | ND | 3.89 | " | | ND | | | | | 25 | |
| Propylene | ND | 1.36 | " | | ND | | | | | 25 | |
| Styrene | ND | 3.37 | " | | ND | | | | | 25 | |
| Tetrachloroethylene | ND | 5.37 | " | | ND | | | | | 25 | |
| Tetrahydrofuran | ND | 4.67 | " | | ND | | | | | 25 | |
| Toluene | 2.09 | 2.98 | " | | 2.09 | | | | 0.00 | 25 | |
| trans-1,2-Dichloroethylene | ND | 3.14 | " | | ND | | | | | 25 | |
| trans-1,3-Dichloropropylene | ND | 3.59 | " | | ND | | | | | 25 | |
| Trichloroethylene | ND | 1.06 | " | | ND | | | | | 25 | |
| Trichlorofluoromethane (Freon 11) | ND | 4.45 | " | | ND | | | | | 25 | |
| Vinyl acetate | ND | 2.79 | " | | ND | | | | | 25 | |
| Vinyl bromide | ND | 3.46 | " | | ND | | | | | 25 | |
| Vinyl Chloride | ND | 1.01 | " | | 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). |
| ICVE | The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value). |
| 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.

---

# 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. 231168

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



| YOUR Information | Report To: | Invoice To: |
|---|---|---|
| Company: LANGAN, DPC | Company: | Company: |
| Address: 360 W. 31st 8th Fl. New York, NY | Address: SAME | Address: |
| Phone.: 212-479-5400 | Phone.: | Phone.: |
| Contact: Andrew Nesci | Contact: | Contact: |
| E-mail: ANESCI@LANGAN.COM | E-mail: | E-mail: |

**YOUR Project Number:** 170340204

**YOUR Project Name:** ABC Block 27 Lot 4

**YOUR PO#:**

**Turn-Around Time**

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** X

PFAS Standard is 7-10 Days

*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.*

Roswell LO

**Samples Collected by:** (print AND sign your name)

**Matrix Codes**

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

**Samples From**

New York X
New Jersey
Connecticut
Pennsylvania
Other:

**Report / EDD Type** (circle selections)

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

**YORK Reg. Comp.**

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

| Sample Identification | Sample Matrix | Date/Time Sampled | Can. Vacuum before | Can. Vacuum after | Can ID | FCID | Analysis Requested | Container Type | No. |
|---|---|---|---|---|---|---|---|---|---|
| | AIR Matrix | | | | | | | | |
| C241175_AA01_121523 | AO | 12/05/23 11:27 | -31.0 | -5.0 | 16694 | 19432 | TO-15 VOC's SIM | | |
| C241175_SSV08_121523 | AS | 12/05/23 12:40 | -32.0 | -7.0 | 23999 | 19388 | | | |
| C241175_IA01_121523 | AI | 12/05/23 12:42 | -31.0 | -6.0 | 18293 | 19397 | | | |

**Comments:** Also copy: DATAMANAGEMENT@LANGAN.COM
CWEKA@LANGAN.COM

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 |
|---|---|---|---|---|---|
| Roswell Lo / Langan | 12/15/23 | Marcus Skinner / York | 12.15.23 14:18 | Marcus Skinner / York | 12.15.23 |
| 2. Samples Received by / Company | Date/Time | 3. Samples Relinquished by / Company | Date/Time | 3. Samples Received by / Company | Date/Time |
| 3. Samples Relinquished by / Company | Date/Time | 4. Samples Received by / Company | Date/Time | Samples Received in LAB by | Date/Time / Temperature |
| | | | | | 12/15/23 17:05 Degrees C |

# Technical Report

prepared for:

**Langan Engineering & Environmental Services (NYC)**
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
**Attention: Roswell Lo**

Report Date: 08/13/2024
**Client Project ID: 170340204**
York Project (SDG) No.: 24H0320

Report Date: 08/13/2024
Client Project ID: 170340204
York Project (SDG) No.: 24H0320

**Langan Engineering & Environmental Services (NYC)**
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Roswell Lo

## 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 August 06, 2024 and listed below. The project was identified as your project: **170340204**.

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 |
|---|---|---|---|---|
| 24H0320-02 | CAN 23802 / FC 20418 | Air | 08/06/2024 | 08/06/2024 |
| 24H0320-04 | CAN 28855 / FC 20442 | Air | 08/06/2024 | 08/06/2024 |
| 24H0320-07 | CAN 48298 / FC 20416 | Air | 08/06/2024 | 08/06/2024 |
| 24H0462-01 | C241175_AA01_080724 | Outdoor Ambient Ai | 08/07/2024 | 08/07/2024 |
| 24H0462-02 | C241175_SSV08_080724 | Soil Vapor | 08/07/2024 | 08/07/2024 |
| 24H0462-03 | C241175_IA06_080724 | Indoor Ambient Air | 08/07/2024 | 08/07/2024 |

## General Notes for York Project (SDG) No.: 24H0320

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:** 08/13/2024

Cassie L. Mosher
Laboratory Manager

## Sample Information

**Client Sample ID:** CAN 23802 / FC 20418 **York Sample ID:** 24H0320-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0320 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 | 0.687 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.721 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 23802 / FC 20418 **York Sample ID:** 24H0320-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0320 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 23802 / FC 20418 **York Sample ID:** 24H0320-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0320 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.07 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.05 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: NJDEP-NY037 | | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** **CAN 23802 / FC 20418** **York Sample ID:** **24H0320-02**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0320 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:01 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 28855 / FC 20442 **York Sample ID:** 24H0320-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0320 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | 0.687 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 28855 / FC 20442 **York Sample ID:** 24H0320-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0320 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 | 1.57 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 28855 / FC 20442 **York Sample ID:** 24H0320-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0320 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 | | ug/m³ | 1.07 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.05 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** **CAN 28855 / FC 20442** **York Sample ID:** **24H0320-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0320 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 12:02 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 48298 / FC 20416 **York Sample ID:** 24H0320-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0320 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 | 0.687 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 48298 / FC 20416 **York Sample ID:** 24H0320-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0320 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | 1.57 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** CAN 48298 / FC 20416 **York Sample ID:** 24H0320-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0320 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | | ug/m³ | 1.07 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.05 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 48298 / FC 20416 **York Sample ID:** 24H0320-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0320 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 00:46 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_AA01_080724 **York Sample ID:** 24H0462-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0462 | 170340204 | Outdoor Ambient Air | August 7, 2024 11:48 am | 08/07/2024 |

**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 | 0.641 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.510 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.641 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.716 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.510 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.378 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.185 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.693 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **0.781** | TO-CCV | ug/m³ | 0.459 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.718 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.562 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.378 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.432 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.653 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.459 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.620 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.562 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.432 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.562 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.673 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **2.12** | | ug/m³ | 0.275 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.765 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241175_AA01_080724 **York Sample ID:** 24H0462-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0462 | 170340204 | Outdoor Ambient Air | August 7, 2024 11:48 am | 08/07/2024 |

**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 | 1.46 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.383 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **97.0** | | ug/m³ | 0.444 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.203 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **0.627** | | ug/m³ | 0.298 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.484 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.626 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.965 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.363 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.291 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.588** | TO-LCS -H | ug/m³ | 0.147 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.430 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.246 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.456 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **1.10** | | ug/m³ | 0.193 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.185 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.424 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.321 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.796 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **3.28** | TO-CCV, TO-LCS -H | ug/m³ | 0.462 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | *** Ethyl acetate** | **0.707** | TO-CCV | ug/m³ | 0.673 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241175_AA01_080724 **York Sample ID:** 24H0462-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0462 | 170340204 | Outdoor Ambient Air | August 7, 2024 11:48 am | 08/07/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 100-41-4 | **Ethyl Benzene** | **0.608** | | ug/m³ | 0.406 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 0.996 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **6.80** | | ug/m³ | 0.459 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | **Methyl Methacrylate** | **0.382** | | ug/m³ | 0.382 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.337 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **1.10** | | ug/m³ | 0.649 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | *** Naphthalene** | **3.08** | TO-CCV, TO-LCS-H | ug/m³ | 0.979 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | **n-Heptane** | **0.574** | | ug/m³ | 0.383 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **0.691** | | ug/m³ | 0.329 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | **o-Xylene** | **0.811** | | ug/m³ | 0.406 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | **p- & m- Xylenes** | **2.19** | | ug/m³ | 0.811 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | *** p-Ethyltoluene** | **0.597** | | ug/m³ | 0.459 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | *** Propylene** | **0.643** | | ug/m³ | 0.161 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.398 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.633 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.551 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **2.60** | | ug/m³ | 0.352 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.370 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.424 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | **Trichloroethylene** | **0.301** | | ug/m³ | 0.125 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.63** | TO-LCS-H | ug/m³ | 0.525 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_AA01_080724 **York Sample ID:** 24H0462-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0462 | 170340204 | Outdoor Ambient Air | August 7, 2024 11:48 am | 08/07/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.329 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.409 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.119 | 0.934 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 05:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSV08_080724 **York Sample ID:** 24H0462-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0462 | 170340204 | Soil Vapor | August 7, 2024 11:50 am | 08/07/2024 |

### 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 | 1.63 | 2.378 | EPA TO-15<br>Certifications: | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 71-55-6 | **1,1,1-Trichloroethane** | **1.95** | TO-CCV, TO-LCS-H | ug/m³ | 1.30 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 1.63 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 1.82 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 1.30 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.962 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.471 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 1.76 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **5.96** | | ug/m³ | 1.17 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 1.83 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 1.43 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.962 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 1.10 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 1.66 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **1.75** | | ug/m³ | 1.17 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 1.58 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 1.43 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 1.10 | 2.378 | EPA TO-15<br>Certifications: | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 1.43 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 1.71 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 78-93-3 | **2-Butanone** | **4.49** | | ug/m³ | 0.701 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |

## Sample Information

**Client Sample ID:** C241175_SSV08_080724 **York Sample ID:** 24H0462-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0462 | 170340204 | Soil Vapor | August 7, 2024 11:50 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 1.95 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 3.72 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | **4-Methyl-2-pentanone** | **1.17** | | ug/m³ | 0.974 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **191** | TO-CCV | ug/m³ | 1.13 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.516 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.760 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 1.23 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 1.59 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 2.46 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.923 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.741 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.748** | TO-CCV, TO-LCS-H | ug/m³ | 0.374 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 1.09 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.627 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | **Chloroform** | **4.41** | TO-LCS-H | ug/m³ | 1.16 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | TO-CCV | ug/m³ | 0.491 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | **cis-1,2-Dichloroethylene** | **24.4** | | ug/m³ | 0.471 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 1.08 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.819 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 2.03 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSV08_080724 **York Sample ID:** 24H0462-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0462 | 170340204 | Soil Vapor | August 7, 2024 11:50 am | 08/07/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-71-8 | **Dichlorodifluoromethane** | **3.18** | TO-CCV, TO-LCS-H | ug/m³ | 1.18 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 1.71 | 2.378 | EPA TO-15<br>Certifications: | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 100-41-4 | **Ethyl Benzene** | **1.34** | | ug/m³ | 1.03 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 2.54 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 67-63-0 | **Isopropanol** | **2.22** | B, TO-CCV | ug/m³ | 1.17 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.974 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.857 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 1.65 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 91-20-3 | *** Naphthalene** | **5.86** | TO-CCV | ug/m³ | 2.49 | 2.378 | EPA TO-15<br>Certifications: NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 142-82-5 | **n-Heptane** | **1.17** | | ug/m³ | 0.975 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 110-54-3 | **n-Hexane** | **0.838** | | ug/m³ | 0.838 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 95-47-6 | **o-Xylene** | **1.86** | | ug/m³ | 1.03 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 179601-23-1 | **p- & m- Xylenes** | **4.54** | | ug/m³ | 2.07 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 622-96-8 | *** p-Ethyltoluene** | **3.97** | | ug/m³ | 1.17 | 2.378 | EPA TO-15<br>Certifications: | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 115-07-1 | *** Propylene** | **0.532** | | ug/m³ | 0.409 | 2.378 | EPA TO-15<br>Certifications: | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 100-42-5 | **Styrene** | **16.1** | | ug/m³ | 1.01 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 1.61 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 1.40 | 2.378 | EPA TO-15<br>Certifications: | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 108-88-3 | **Toluene** | **5.38** | | ug/m³ | 0.896 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.943 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 1.08 | 2.378 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |

## Sample Information

**Client Sample ID:** C241175_SSV08_080724 **York Sample ID:** 24H0462-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0462 | 170340204 | Soil Vapor | August 7, 2024 11:50 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 79-01-6 | **Trichloroethylene** | **39.6** | | ug/m³ | 0.319 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **2.27** | TO-CCV, TO-LCS-H | ug/m³ | 1.34 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.837 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 1.04 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.304 | 2.378 | EPA TO-15 | 08/12/2024 12:00 | 08/13/2024 11:33 | DRP |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** C241175_IA06_080724 **York Sample ID:** 24H0462-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0462 | 170340204 | Indoor Ambient Air | August 7, 2024 11:50 am | 08/07/2024 |

**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 | 0.632 | 0.92 | EPA TO-15<br>Certifications: | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.502 | 0.92 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.632 | 0.92 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.705 | 0.92 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.502 | 0.92 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.372 | 0.92 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.182 | 0.92 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.683 | 0.92 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **0.588** | TO-CCV | ug/m³ | 0.452 | 0.92 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.707 | 0.92 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.553 | 0.92 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.372 | 0.92 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.425 | 0.92 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.643 | 0.92 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.452 | 0.92 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.611 | 0.92 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.553 | 0.92 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.425 | 0.92 | EPA TO-15<br>Certifications: | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.553 | 0.92 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.663 | 0.92 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 78-93-3 | **2-Butanone** | **2.36** | | ug/m³ | 0.271 | 0.92 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.754 | 0.92 | EPA TO-15<br>Certifications: | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |

## Sample Information

**Client Sample ID:** C241175_IA06_080724 **York Sample ID:** 24H0462-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0462 | 170340204 | Indoor Ambient Air | August 7, 2024 11:50 am | 08/07/2024 |

**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 | 1.44 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.377 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **146** | TO-CCV | ug/m³ | 0.820 | 1.727 | EPA TO-15 | 08/10/2024 12:00 | 08/13/2024 13:34 | DRP |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | **Acrylonitrile** | **2.91** | | ug/m³ | 0.200 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **0.676** | | ug/m³ | 0.294 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.476 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.616 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.951 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.357 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.286 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.637** | TO-LCS-H | ug/m³ | 0.145 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.424 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.243 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.449 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **1.06** | | ug/m³ | 0.190 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.182 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.418 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.317 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.784 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **3.05** | TO-CCV, TO-LCS-H | ug/m³ | 0.455 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | *** Ethyl acetate** | **0.696** | TO-CCV | ug/m³ | 0.663 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241175_IA06_080724 **York Sample ID:** 24H0462-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0462 | 170340204 | Indoor Ambient Air | August 7, 2024 11:50 am | 08/07/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 100-41-4 | **Ethyl Benzene** | **0.559** | | ug/m³ | 0.399 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 0.981 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **7.37** | | ug/m³ | 0.452 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.377 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.332 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **1.05** | | ug/m³ | 0.639 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | *** Naphthalene** | **2.94** | TO-CCV, TO-LCS-H | ug/m³ | 0.965 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | **n-Heptane** | **0.566** | | ug/m³ | 0.377 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **0.681** | | ug/m³ | 0.324 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | **o-Xylene** | **0.719** | | ug/m³ | 0.399 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | **p- & m- Xylenes** | **2.04** | | ug/m³ | 0.799 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | *** p-Ethyltoluene** | **0.498** | | ug/m³ | 0.452 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.158 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.392 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.624 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.543 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **2.67** | | ug/m³ | 0.347 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.365 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.418 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.124 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.60** | TO-LCS-H | ug/m³ | 0.517 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA06_080724 **York Sample ID:** 24H0462-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0462 | 170340204 | Indoor Ambient Air | August 7, 2024 11:50 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.324 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.402 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.118 | 0.92 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 06:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

# Analytical Batch Summary

**Batch ID:** BH40057 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 24H0320-07 | CAN 48298 / FC 20416 | 07/31/24 |

**Batch ID:** BH40765 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 24H0320-02 | CAN 23802 / FC 20418 | 08/02/24 |
| 24H0320-04 | CAN 28855 / FC 20442 | 08/02/24 |
| BH40765-BLK1 | Blank | 08/02/24 |
| BH40765-BS1 | LCS | 08/02/24 |

**Batch ID:** BH40831 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 24H0462-01 | C241175_AA01_080724 | 08/10/24 |
| 24H0462-03 | C241175_IA06_080724 | 08/10/24 |
| BH40831-BLK1 | Blank | 08/10/24 |
| BH40831-BS1 | LCS | 08/10/24 |

**Batch ID:** BH40846 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 24H0462-02 | C241175_SSV08_080724 | 08/12/24 |
| 24H0462-03RE1 | C241175_IA06_080724 | 08/10/24 |
| BH40846-BLK1 | Blank | 08/12/24 |
| BH40846-BS1 | LCS | 08/12/24 |

## 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 BH40765 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BH40765-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 08/02/2024 | | |
| 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 | ND | 0.492 | " | | | | | | | | |
| Methyl Methacrylate | ND | 0.409 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.361 | " | | | | | | | | |
| Methylene chloride | ND | 0.695 | " | | | | | | | | |
| Naphthalene | ND | 1.05 | " | | | | | | | | |

## 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 BH40765 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BH40765-BLK1)** Blank | | | | | | | | Prepared & Analyzed: 08/02/2024 | | | |
| 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 (BH40765-BS1)** LCS | | | | | | | | Prepared & Analyzed: 08/02/2024 | | | |
| 1,1,1,2-Tetrachloroethane | 10.8 | | ppbv | 10.0 | | 108 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 13.0 | | " | 10.0 | | 130 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 8.98 | | " | 10.0 | | 89.8 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 1,1-Dichloroethane | 9.57 | | " | 10.0 | | 95.7 | 70-130 | | | | |
| 1,1-Dichloroethylene | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 9.46 | | " | 10.0 | | 94.6 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| 1,2-Dibromoethane | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 1,2-Dichloroethane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 1,2-Dichloropropane | 8.99 | | " | 10.0 | | 89.9 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| 1,3,5-Trimethylbenzene | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| 1,3-Butadiene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 1,3-Dichlorobenzene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| 1,3-Dichloropropane | 9.35 | | " | 10.0 | | 93.5 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| 1,4-Dioxane | 8.94 | | " | 10.0 | | 89.4 | 70-130 | | | | |
| 2-Butanone | 9.28 | | " | 10.0 | | 92.8 | 70-130 | | | | |
| 2-Hexanone | 9.22 | | " | 10.0 | | 92.2 | 70-130 | | | | |
| 3-Chloropropene | 9.49 | | " | 10.0 | | 94.9 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 8.96 | | " | 10.0 | | 89.6 | 70-130 | | | | |
| Acetone | 9.55 | | " | 10.0 | | 95.5 | 70-130 | | | | |
| Acrylonitrile | 9.71 | | " | 10.0 | | 97.1 | 70-130 | | | | |
| Benzene | 9.44 | | " | 10.0 | | 94.4 | 70-130 | | | | |
| Benzyl chloride | 8.75 | | " | 10.0 | | 87.5 | 70-130 | | | | |
| Bromodichloromethane | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Bromoform | 12.0 | | " | 10.0 | | 120 | 70-130 | | | | |
| Bromomethane | 9.81 | | " | 10.0 | | 98.1 | 70-130 | | | | |
| Carbon disulfide | 9.07 | | " | 10.0 | | 90.7 | 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 BH40765 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BH40765-BS1)** LCS | | | | | | | | Prepared & Analyzed: 08/02/2024 | | | |
| Carbon tetrachloride | 13.9 | | ppbv | 10.0 | | 139 | 70-130 | High Bias | | | |
| Chlorobenzene | 9.34 | | " | 10.0 | | 93.4 | 70-130 | | | | |
| Chloroethane | 9.34 | | " | 10.0 | | 93.4 | 70-130 | | | | |
| Chloroform | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Chloromethane | 8.38 | | " | 10.0 | | 83.8 | 70-130 | | | | |
| cis-1,2-Dichloroethylene | 9.71 | | " | 10.0 | | 97.1 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 9.68 | | " | 10.0 | | 96.8 | 70-130 | | | | |
| Cyclohexane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Dibromochloromethane | 12.1 | | " | 10.0 | | 121 | 70-130 | | | | |
| Dichlorodifluoromethane | 12.8 | | " | 10.0 | | 128 | 70-130 | | | | |
| Ethyl acetate | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Ethyl Benzene | 9.46 | | " | 10.0 | | 94.6 | 70-130 | | | | |
| Hexachlorobutadiene | 13.3 | | " | 10.0 | | 133 | 70-130 | High Bias | | | |
| Isopropanol | 9.75 | | " | 10.0 | | 97.5 | 70-130 | | | | |
| Methyl Methacrylate | 8.93 | | " | 10.0 | | 89.3 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Methylene chloride | 8.52 | | " | 10.0 | | 85.2 | 70-130 | | | | |
| Naphthalene | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| n-Heptane | 9.55 | | " | 10.0 | | 95.5 | 70-130 | | | | |
| n-Hexane | 9.99 | | " | 10.0 | | 99.9 | 70-130 | | | | |
| o-Xylene | 9.94 | | " | 10.0 | | 99.4 | 70-130 | | | | |
| p- & m- Xylenes | 19.6 | | " | 20.0 | | 97.8 | 70-130 | | | | |
| p-Ethyltoluene | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| Propylene | 8.83 | | " | 10.0 | | 88.3 | 70-130 | | | | |
| Styrene | 9.89 | | " | 10.0 | | 98.9 | 70-130 | | | | |
| Tetrachloroethylene | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |
| Tetrahydrofuran | 9.34 | | " | 10.0 | | 93.4 | 70-130 | | | | |
| Toluene | 9.25 | | " | 10.0 | | 92.5 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Trichloroethylene | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 13.3 | | " | 10.0 | | 133 | 70-130 | High Bias | | | |
| Vinyl acetate | 7.58 | | " | 10.0 | | 75.8 | 70-130 | | | | |
| Vinyl bromide | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Vinyl Chloride | 9.07 | | " | 10.0 | | 90.7 | 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 BH40831 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BH40831-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 08/10/2024 | | |
| 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 | ND | 0.492 | " | | | | | | | | |
| Methyl Methacrylate | ND | 0.409 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.361 | " | | | | | | | | |
| Methylene chloride | ND | 0.695 | " | | | | | | | | |
| Naphthalene | ND | 1.05 | " | | | | | | | | |
| 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 BH40831 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BH40831-BLK1)** Blank | | | | | | | | Prepared & Analyzed: 08/10/2024 | | | |
| 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 (BH40831-BS1)** LCS | | | | | | | | Prepared & Analyzed: 08/10/2024 | | | |
| 1,1,1,2-Tetrachloroethane | 13.0 | | ppbv | 10.0 | | 130 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 18.5 | | " | 10.0 | | 185 | 70-130 | High Bias | | | |
| 1,1,2,2-Tetrachloroethane | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 13.9 | | " | 10.0 | | 139 | 70-130 | High Bias | | | |
| 1,1,2-Trichloroethane | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| 1,1-Dichloroethane | 12.2 | | " | 10.0 | | 122 | 70-130 | | | | |
| 1,1-Dichloroethylene | 13.6 | | " | 10.0 | | 136 | 70-130 | High Bias | | | |
| 1,2,4-Trichlorobenzene | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 12.5 | | " | 10.0 | | 125 | 70-130 | | | | |
| 1,2-Dibromoethane | 12.4 | | " | 10.0 | | 124 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 12.6 | | " | 10.0 | | 126 | 70-130 | | | | |
| 1,2-Dichloroethane | 13.9 | | " | 10.0 | | 139 | 70-130 | High Bias | | | |
| 1,2-Dichloropropane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 13.6 | | " | 10.0 | | 136 | 70-130 | High Bias | | | |
| 1,3,5-Trimethylbenzene | 12.3 | | " | 10.0 | | 123 | 70-130 | | | | |
| 1,3-Butadiene | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| 1,3-Dichlorobenzene | 12.7 | | " | 10.0 | | 127 | 70-130 | | | | |
| 1,3-Dichloropropane | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 12.8 | | " | 10.0 | | 128 | 70-130 | | | | |
| 1,4-Dioxane | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 2-Butanone | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 2-Hexanone | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 3-Chloropropene | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 9.62 | | " | 10.0 | | 96.2 | 70-130 | | | | |
| Acetone | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Acrylonitrile | 12.0 | | " | 10.0 | | 120 | 70-130 | | | | |
| Benzene | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |
| Benzyl chloride | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| Bromodichloromethane | 14.0 | | " | 10.0 | | 140 | 70-130 | High Bias | | | |
| Bromoform | 14.4 | | " | 10.0 | | 144 | 70-130 | High Bias | | | |
| Bromomethane | 12.2 | | " | 10.0 | | 122 | 70-130 | | | | |
| Carbon disulfide | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| Carbon tetrachloride | 19.9 | | " | 10.0 | | 199 | 70-130 | High Bias | | | |

## 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 BH40831 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BH40831-BS1)** LCS | | | | | | | | Prepared & Analyzed: 08/10/2024 | | | |
| Chlorobenzene | 10.8 | | ppbv | 10.0 | | 108 | 70-130 | | | | |
| Chloroethane | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Chloroform | 15.2 | | " | 10.0 | | 152 | 70-130 | High Bias | | | |
| Chloromethane | 8.16 | | " | 10.0 | | 81.6 | 70-130 | | | | |
| cis-1,2-Dichloroethylene | 12.4 | | " | 10.0 | | 124 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| Cyclohexane | 12.3 | | " | 10.0 | | 123 | 70-130 | | | | |
| Dibromochloromethane | 14.6 | | " | 10.0 | | 146 | 70-130 | High Bias | | | |
| Dichlorodifluoromethane | 17.1 | | " | 10.0 | | 171 | 70-130 | High Bias | | | |
| Ethyl acetate | 12.3 | | " | 10.0 | | 123 | 70-130 | | | | |
| Ethyl Benzene | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Hexachlorobutadiene | 15.9 | | " | 10.0 | | 159 | 70-130 | High Bias | | | |
| Isopropanol | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Methyl Methacrylate | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 14.2 | | " | 10.0 | | 142 | 70-130 | High Bias | | | |
| Methylene chloride | 9.97 | | " | 10.0 | | 99.7 | 70-130 | | | | |
| Naphthalene | 13.9 | | " | 10.0 | | 139 | 70-130 | High Bias | | | |
| n-Heptane | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| n-Hexane | 12.2 | | " | 10.0 | | 122 | 70-130 | | | | |
| o-Xylene | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| p- & m- Xylenes | 23.3 | | " | 20.0 | | 117 | 70-130 | | | | |
| p-Ethyltoluene | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| Propylene | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Styrene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Tetrachloroethylene | 13.5 | | " | 10.0 | | 135 | 70-130 | High Bias | | | |
| Tetrahydrofuran | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| Toluene | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 13.1 | | " | 10.0 | | 131 | 70-130 | High Bias | | | |
| trans-1,3-Dichloropropylene | 12.7 | | " | 10.0 | | 127 | 70-130 | | | | |
| Trichloroethylene | 12.1 | | " | 10.0 | | 121 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 19.1 | | " | 10.0 | | 191 | 70-130 | High Bias | | | |
| Vinyl acetate | 7.91 | | " | 10.0 | | 79.1 | 70-130 | | | | |
| Vinyl bromide | 13.2 | | " | 10.0 | | 132 | 70-130 | High Bias | | | |
| Vinyl Chloride | 10.0 | | " | 10.0 | | 100 | 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 BH40846 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BH40846-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 08/12/2024 | | |
| 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 | 0.326 | 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 | 0.492 | 0.492 | " | | | | | | | | |
| Methyl Methacrylate | ND | 0.409 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.361 | " | | | | | | | | |
| Methylene chloride | ND | 0.695 | " | | | | | | | | |
| Naphthalene | ND | 1.05 | " | | | | | | | | |
| 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 BH40846 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BH40846-BLK1)** Blank | | | | | | | | Prepared & Analyzed: 08/12/2024 | | | |
| 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 (BH40846-BS1)** LCS | | | | | | | | Prepared & Analyzed: 08/12/2024 | | | |
| 1,1,1,2-Tetrachloroethane | 12.1 | | ppbv | 10.0 | | 121 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 18.7 | | " | 10.0 | | 187 | 70-130 | High Bias | | | |
| 1,1,2,2-Tetrachloroethane | 9.08 | | " | 10.0 | | 90.8 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 13.8 | | " | 10.0 | | 138 | 70-130 | High Bias | | | |
| 1,1,2-Trichloroethane | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 1,1-Dichloroethane | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| 1,1-Dichloroethylene | 13.3 | | " | 10.0 | | 133 | 70-130 | High Bias | | | |
| 1,2,4-Trichlorobenzene | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| 1,2-Dibromoethane | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| 1,2-Dichloroethane | 13.7 | | " | 10.0 | | 137 | 70-130 | High Bias | | | |
| 1,2-Dichloropropane | 9.07 | | " | 10.0 | | 90.7 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 13.6 | | " | 10.0 | | 136 | 70-130 | High Bias | | | |
| 1,3,5-Trimethylbenzene | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| 1,3-Butadiene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 1,3-Dichlorobenzene | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| 1,3-Dichloropropane | 9.95 | | " | 10.0 | | 99.5 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |
| 1,4-Dioxane | 9.84 | | " | 10.0 | | 98.4 | 70-130 | | | | |
| 2-Butanone | 9.99 | | " | 10.0 | | 99.9 | 70-130 | | | | |
| 2-Hexanone | 9.03 | | " | 10.0 | | 90.3 | 70-130 | | | | |
| 3-Chloropropene | 9.94 | | " | 10.0 | | 99.4 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 8.36 | | " | 10.0 | | 83.6 | 70-130 | | | | |
| Acetone | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| Acrylonitrile | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| Benzene | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| Benzyl chloride | 9.60 | | " | 10.0 | | 96.0 | 70-130 | | | | |
| Bromodichloromethane | 13.1 | | " | 10.0 | | 131 | 70-130 | High Bias | | | |
| Bromoform | 13.6 | | " | 10.0 | | 136 | 70-130 | High Bias | | | |
| Bromomethane | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Carbon disulfide | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Carbon tetrachloride | 20.4 | | " | 10.0 | | 204 | 70-130 | High Bias | | | |

## 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 BH40846 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BH40846-BS1)** LCS | | | | | | | | Prepared & Analyzed: 08/12/2024 | | | |
| Chlorobenzene | 9.81 | | ppbv | 10.0 | | 98.1 | 70-130 | | | | |
| Chloroethane | 9.69 | | " | 10.0 | | 96.9 | 70-130 | | | | |
| Chloroform | 15.2 | | " | 10.0 | | 152 | 70-130 | High Bias | | | |
| Chloromethane | 7.66 | | " | 10.0 | | 76.6 | 70-130 | | | | |
| cis-1,2-Dichloroethylene | 12.6 | | " | 10.0 | | 126 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Cyclohexane | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| Dibromochloromethane | 13.8 | | " | 10.0 | | 138 | 70-130 | High Bias | | | |
| Dichlorodifluoromethane | 16.4 | | " | 10.0 | | 164 | 70-130 | High Bias | | | |
| Ethyl acetate | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Ethyl Benzene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Hexachlorobutadiene | 14.8 | | " | 10.0 | | 148 | 70-130 | High Bias | | | |
| Isopropanol | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| Methyl Methacrylate | 9.29 | | " | 10.0 | | 92.9 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 14.1 | | " | 10.0 | | 141 | 70-130 | High Bias | | | |
| Methylene chloride | 9.26 | | " | 10.0 | | 92.6 | 70-130 | | | | |
| Naphthalene | 13.0 | | " | 10.0 | | 130 | 70-130 | | | | |
| n-Heptane | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| n-Hexane | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| o-Xylene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| p- & m- Xylenes | 21.6 | | " | 20.0 | | 108 | 70-130 | | | | |
| p-Ethyltoluene | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Propylene | 8.72 | | " | 10.0 | | 87.2 | 70-130 | | | | |
| Styrene | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| Tetrachloroethylene | 12.7 | | " | 10.0 | | 127 | 70-130 | | | | |
| Tetrahydrofuran | 9.67 | | " | 10.0 | | 96.7 | 70-130 | | | | |
| Toluene | 9.92 | | " | 10.0 | | 99.2 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 12.7 | | " | 10.0 | | 127 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| Trichloroethylene | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 18.5 | | " | 10.0 | | 185 | 70-130 | High Bias | | | |
| Vinyl acetate | 7.46 | | " | 10.0 | | 74.6 | 70-130 | | | | |
| Vinyl bromide | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| Vinyl Chloride | 9.44 | | " | 10.0 | | 94.4 | 70-130 | | | | |

## Sample and Data Qualifiers Relating to This Work Order

| | |
|---|---|
| TO-LCS-H | The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% 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). |
| ICVE | The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value). |
| 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.

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# Field Chain-of-Custody Record - AIR

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

YORK ANALYTICAL LABORATORIES INC

**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.** 2440462

Page 1 of 1

| YOUR Information | Report To: | Invoice To: |
|---|---|---|
| Company: LANGAN, DPC | Company: | Company: |
| Address: 360 W. 31st 8th Fl. New York, NY 10001 | Address: | Address: |
| Phone.: 212-479-5400 | Phone.: | Phone.: |
| Contact: Roswell Lo | Contact: | Contact: |
| E-mail: ROLO@LANGAN.COM | E-mail: | E-mail: |

**YOUR Project Number:** 170340204

**YOUR Project Name:** ABC Block 27 Lot 4

**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.*

Roswell Lo

Samples Collected by: (print your name above and sign below)

**Air Matrix Codes**

- AI - Indoor Ambient Air
- AO - Outdoor Amb. Air
- AE - Vapor Extraction Well/ Process Gas/Effluent
- AS - Soil Vapor/Sub-Slab

**Samples From**

- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

**Report / EDD Type** (circle selections)

- Summary Report
- 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 ___ 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 |
|---|---|---|---|---|---|---|---|
| C241175-AA01-080124 | 8/1/24 11:50 | AO | -32 | -5 | 23802 | 20418 | To-15 VOCs |
| C241175-SSV02-080124 | 8/1/24 11:50 | AS | -30 | -13 | 28855 | 20442 | |
| ~~C241175-IA06-081624~~ RL. | ~~8/1/24 11:50~~ | ~~AI~~ | ~~-30~~ | ~~-13~~ | ~~28855~~ | ~~20442~~ | RL. |
| C241175-IA06-081624 | 8/1/24 9:09 | AI | -29 | -7 | 48298 | 20416 | |

**Comments:** Also copy: DATAMANAGEMENT@LANGAN.COM GWYKA@LANGAN.COM

**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 |
|---|---|---|---|---|---|
| Roswell Lo / Langan | 8/1/24 | [signature] | 8/2/24 14 | [signature] | 8/2/24 1655 |
| 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] | 8/2/24 1655 |

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

# Field Chain-of-Custody Record - AIR

**NOTE:** YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 2440462

Page 1 of 1

| YOUR Information | Report To: | Invoice To: |
|---|---|---|
| Company: LANGAN, DPC | Company: | Company: |
| Address: 360 W. 31st 8th Fl. New York, NY 10001 | Address: | Address: |
| Phone.: 212-479-5400 | Phone.: | Phone.: |
| Contact: Roswell Lo | Contact: | Contact: |
| E-mail: ROLO@LANGAN.COM | E-mail: | E-mail: |

**YOUR Project Number:** 170340204

**YOUR Project Name:** ABC Block 27 Lot 4

**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.*

Roswell Lo

Samples Collected by: (print your name above and sign below)

**Air Matrix Codes**
- AI - Indoor Ambient Air
- AO - Outdoor Amb. Air
- AE - Vapor Extraction Well/ Process Gas/Effluent
- AS - Soil Vapor/Sub-Slab

**Samples From**
- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

**Report / EDD Type** (circle selections)
- Summary Report
- 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 ___ 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 |
|---|---|---|---|---|---|---|---|
| C241175-AA01-080724 | 8/7/24 11:48 | AO | -32 | -5 | 23802 | 20418 | To-15 VOCs |
| C241175-SSV02-080724 | " 11:50 | AS | -30 | -13 | 28855 | 20442 | " |
| RL. ~~C241175-IA06-080724~~ | ~~" 11:50~~ | ~~AI~~ | ~~-30~~ | ~~-13~~ | ~~28855~~ | ~~20442~~ | RL. |
| C241175-IA06-080724 | 8/7/24 9:09 | AI | -29 | -7 | 48298 | 20416 | " |

**Comments:** Also copy: DATAMANAGEMENT@LANGAN.COM GWYKA@LANGAN.COM

**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 |
|---|---|---|---|---|---|
| Roswell Lo / Langan | 8/7/24 | [signature] | 8/7/24 14 | [signature] | 8/7/24 1655 |
| 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] | 8/7/24 1655 |

# Technical Report

prepared for:

**Langan Engineering & Environmental Services (NYC)**
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
**Attention: Roswell Lo**

Report Date: 08/14/2024
**Client Project ID: 170340204**
York Project (SDG) No.: 24H0322

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: 08/14/2024
Client Project ID: 170340204
York Project (SDG) No.: 24H0322

**Langan Engineering & Environmental Services (NYC)**
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Roswell Lo

## 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 August 06, 2024 and listed below. The project was identified as your project: **170340204**.

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 |
|---|---|---|---|---|
| 24H0322-01 | CAN 17348 / FC 19416 | Air | 08/06/2024 | 08/06/2024 |
| 24H0322-02 | CAN 48319 / FC 19385 | Air | 08/06/2024 | 08/06/2024 |
| 24H0322-03 | CAN 15524 / FC 19426 | Air | 08/06/2024 | 08/06/2024 |
| 24H0322-04 | CAN 49569 / FC 20438 | Air | 08/06/2024 | 08/06/2024 |
| 24H0322-05 | CAN 43000 / FC 19425 | Air | 08/06/2024 | 08/06/2024 |
| 24H0322-06 | CAN 16975 / FC 7094 | Air | 08/06/2024 | 08/06/2024 |
| 24H0322-07 | CAN 37805 / FC 19403 | Air | 08/06/2024 | 08/06/2024 |
| 24H0322-08 | CAN 36997 / FC 17985 | Air | 08/06/2024 | 08/06/2024 |
| 24H0322-09 | CAN 23195 / FC 17179 | Air | 08/06/2024 | 08/06/2024 |
| 24H0322-10 | CAN 17353 / FC 19410 | Air | 08/06/2024 | 08/06/2024 |
| 24H0322-11 | CAN 41938 / FC 20427 | Air | 08/06/2024 | 08/06/2024 |
| 24H0322-12 | CAN 18309 / FC 17899 | Air | 08/06/2024 | 08/06/2024 |
| 24H0322-14 | CAN 36995 / FC 19394 | Air | 08/06/2024 | 08/06/2024 |
| 24H0465-01 | C241175_SSPP03_080624 | Soil Vapor | 08/06/2024 | 08/07/2024 |
| 24H0465-02 | C241175_IA03_080624 | Indoor Ambient Air | 08/06/2024 | 08/07/2024 |
| 24H0465-03 | C241175_SSV04_080624 | Soil Vapor | 08/06/2024 | 08/07/2024 |
| 24H0465-04 | C241175_IA06_080624 | Indoor Ambient Air | 08/06/2024 | 08/07/2024 |
| 24H0465-05 | C241175_SSPP04_080624 | Soil Vapor | 08/06/2024 | 08/07/2024 |
| 24H0465-06 | C241175_IA04_080624 | Indoor Ambient Air | 08/06/2024 | 08/07/2024 |
| 24H0465-07 | C241175_SSPP01_080624 | Soil Vapor | 08/06/2024 | 08/07/2024 |
| 24H0465-08 | C241175_IA01_080624 | Indoor Ambient Air | 08/06/2024 | 08/07/2024 |
| 24H0465-09 | C241175_SSPP02_080624 | Soil Vapor | 08/06/2024 | 08/07/2024 |

| York Sample ID | Client Sample ID | Matrix | Date Collected | Date Received |
|---|---|---|---|---|
| 24H0465-10 | C241175_IA02_080624 | Indoor Ambient Air | 08/06/2024 | 08/07/2024 |
| 24H0465-11 | C241175_SSPP05_080624 | Soil Vapor | 08/06/2024 | 08/07/2024 |
| 24H0465-12 | C241175_IA05_080624 | Indoor Ambient Air | 08/06/2024 | 08/07/2024 |
| 24H0465-13 | C241175_AA02_080624 | Outdoor Ambient Ai | 08/06/2024 | 08/07/2024 |

## General Notes for York Project (SDG) No.: 24H0322

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:** 08/14/2024

Cassie L. Mosher
Laboratory Manager

## Sample Information

**Client Sample ID:** CAN 17348 / FC 19416 **York Sample ID:** 24H0322-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 | 0.687 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 17348 / FC 19416 **York Sample ID:** 24H0322-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.57 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 17348 / FC 19416 **York Sample ID:** 24H0322-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.07 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.05 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: NJDEP-NY037 | | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** CAN 17348 / FC 19416 **York Sample ID:** 24H0322-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:51 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 48319 / FC 19385 **York Sample ID:** 24H0322-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 | 0.687 | 1 | EPA TO-15<br>Certifications: | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | CAL-E, ICVE | ug/m³ | 0.742 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15<br>Certifications: | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |

## Sample Information

**Client Sample ID:** CAN 48319 / FC 19385 **York Sample ID:** 24H0322-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | 1.57 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | TO-CCV | ug/m³ | 0.475 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | **Acrylonitrile** | **0.217** | | ug/m³ | 0.217 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 48319 / FC 19385 **York Sample ID:** 24H0322-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 | ICVE | ug/m³ | 1.07 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | ICVE | ug/m³ | 1.05 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 48319 / FC 19385 **York Sample ID:** 24H0322-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 07/31/2024 12:00 | 07/31/2024 18:48 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 15524 / FC 19426 **York Sample ID:** 24H0322-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 | 0.687 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 15524 / FC 19426 **York Sample ID:** 24H0322-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | 1.57 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 15524 / FC 19426 **York Sample ID:** 24H0322-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | | ug/m³ | 1.07 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.05 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 15524 / FC 19426 **York Sample ID:** 24H0322-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 03:29 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 49569 / FC 20438 **York Sample ID:** 24H0322-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | 0.687 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 49569 / FC 20438 **York Sample ID:** 24H0322-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | 1.57 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** CAN 49569 / FC 20438 **York Sample ID:** 24H0322-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | | ug/m³ | 1.07 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.05 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NJDEP-NY037 | | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** **CAN 49569 / FC 20438** **York Sample ID:** **24H0322-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 43000 / FC 19425 **York Sample ID:** 24H0322-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 | 0.687 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.721 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 43000 / FC 19425 **York Sample ID:** 24H0322-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | 1.57 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 43000 / FC 19425 **York Sample ID:** 24H0322-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | | ug/m³ | 1.07 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.05 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** **CAN 43000 / FC 19425** **York Sample ID:** **24H0322-05**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 13:38 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 16975 / FC 7094 **York Sample ID:** 24H0322-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 | 0.687 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 16975 / FC 7094 **York Sample ID:** 24H0322-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | 1.57 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** CAN 16975 / FC 7094 **York Sample ID:** 24H0322-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | | ug/m³ | 1.07 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.05 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 16975 / FC 7094 **York Sample ID:** 24H0322-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 19:21 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 37805 / FC 19403 **York Sample ID:** 24H0322-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 | 0.687 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 37805 / FC 19403 **York Sample ID:** 24H0322-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | 1.57 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** CAN 37805 / FC 19403 **York Sample ID:** 24H0322-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 | | ug/m³ | 1.07 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.05 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 37805 / FC 19403 **York Sample ID:** 24H0322-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 02:11 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 36997 / FC 17985 **York Sample ID:** 24H0322-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | 0.687 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 36997 / FC 17985 **York Sample ID:** 24H0322-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | 1.57 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** CAN 36997 / FC 17985 **York Sample ID:** 24H0322-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | | ug/m³ | 1.07 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.05 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NJDEP-NY037 | | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** **CAN 36997 / FC 17985** **York Sample ID:** **24H0322-08**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 04:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 23195 / FC 17179 **York Sample ID:** 24H0322-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 | 0.687 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 23195 / FC 17179 **York Sample ID:** 24H0322-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | 1.57 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** CAN 23195 / FC 17179 **York Sample ID:** 24H0322-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 | | ug/m³ | 1.07 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.05 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 23195 / FC 17179 **York Sample ID:** 24H0322-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 14:20 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 17353 / FC 19410 **York Sample ID:** 24H0322-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | 0.687 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 17353 / FC 19410 **York Sample ID:** 24H0322-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | 1.57 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-64-1 | **Acetone** | **0.475** | | ug/m³ | 0.475 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** CAN 17353 / FC 19410 **York Sample ID:** 24H0322-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 | | ug/m³ | 1.07 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **1.20** | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.05 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 17353 / FC 19410 **York Sample ID:** 24H0322-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/01/2024 00:50 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 41938 / FC 20427 **York Sample ID:** 24H0322-11

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | 0.687 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.721 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 41938 / FC 20427 **York Sample ID:** 24H0322-11

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 | 1.57 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 41938 / FC 20427 **York Sample ID:** 24H0322-11

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 | | ug/m³ | 1.07 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.05 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** **CAN 41938 / FC 20427** **York Sample ID:** **24H0322-11**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 15:42 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 18309 / FC 17899 **York Sample ID:** 24H0322-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 | 0.687 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** CAN 18309 / FC 17899 **York Sample ID:** 24H0322-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | 1.57 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 18309 / FC 17899 **York Sample ID:** 24H0322-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | | ug/m³ | 1.07 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.05 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** **CAN 18309 / FC 17899** **York Sample ID:** **24H0322-12**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 07/31/2024 07:00 | 08/02/2024 02:08 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 36995 / FC 19394 **York Sample ID:** 24H0322-14

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 | 0.687 | 1 | EPA TO-15<br>Certifications: | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.766 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.742 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.768 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.699 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.462 | 1 | EPA TO-15<br>Certifications: | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.601 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.721 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.295 | 1 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.819 | 1 | EPA TO-15<br>Certifications: | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |

## Sample Information

**Client Sample ID:** CAN 36995 / FC 19394 **York Sample ID:** 24H0322-14

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 | 1.57 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | Acetone | ND | | ug/m³ | 0.475 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.217 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.319 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.518 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.670 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.388 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.311 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 0.157 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.460 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.488 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.207 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.344 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.852 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.495 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.721 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 36995 / FC 19394 **York Sample ID:** 24H0322-14

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

### 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 | | ug/m³ | 1.07 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | Isopropanol | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.409 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 0.695 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.05 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.410 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 0.434 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 0.868 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.492 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.678 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.377 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.396 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 0.562 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.437 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** CAN 36995 / FC 19394 **York Sample ID:** 24H0322-14

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0322 | 170340204 | Air | August 6, 2024 9:00 am | 08/06/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1 | EPA TO-15 | 08/02/2024 07:00 | 08/02/2024 16:23 | LTC |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP03_080624 **York Sample ID:** 24H0465-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:10 am | 08/07/2024 |

### 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 | 14.0 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | | | |
| 71-55-6 | **1,1,1-Trichloroethane** | **112** | TO-LCS-H | ug/m³ | 11.1 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 14.0 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 15.6 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 11.1 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 8.25 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 4.04 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 15.1 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 10.0 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 15.7 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 12.3 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 8.25 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 9.42 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 14.3 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 10.0 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 13.5 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 12.3 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 9.42 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 12.3 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 14.7 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 6.01 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 16.7 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241175_SSPP03_080624 **York Sample ID:** 24H0465-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:10 am | 08/07/2024 |

### 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 | 31.9 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 8.35 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **17.9** | | ug/m³ | 9.69 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 4.42 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 6.51 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 10.6 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 13.7 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 21.1 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 7.92 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 6.35 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 3.21 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 9.39 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 5.38 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | **Chloroform** | **29.9** | TO-LCS -H | ug/m³ | 9.96 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 4.21 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 4.04 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 9.25 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 7.02 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 17.4 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 10.1 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 14.7 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 8.85 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP03_080624 **York Sample ID:** 24H0465-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:10 am | 08/07/2024 |

**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 | | ug/m³ | 21.7 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **59.1** | | ug/m³ | 10.0 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 8.35 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 7.35 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 14.2 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 21.4 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 8.36 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 7.19 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 8.85 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 17.7 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 10.0 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 3.51 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 8.69 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | **Tetrachloroethylene** | **452** | TO-LCS -H | ug/m³ | 13.8 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 12.0 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 7.68 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 8.08 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 9.25 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | **Trichloroethylene** | **1180** | | ug/m³ | 2.74 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 11.5 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 7.18 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 8.92 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP03_080624 **York Sample ID:** 24H0465-01

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:10 am | 08/07/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 2.61 | 20.39 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 07:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA03_080624 **York Sample ID:** 24H0465-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:08 am | 08/07/2024 |

### 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 | 0.711 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.565 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.711 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.793 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.565 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.419 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.205 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.768 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **3.71** | TO-CCV | ug/m³ | 0.509 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.795 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.622 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.419 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.478 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.724 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **1.32** | | ug/m³ | 0.509 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.687 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.622 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.478 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.622 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.746 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **2.81** | | ug/m³ | 0.305 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.848 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241175_IA03_080624 **York Sample ID:** 24H0465-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:08 am | 08/07/2024 |

### 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 | 1.62 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.424 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **38.9** | | ug/m³ | 0.492 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.225 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **0.893** | | ug/m³ | 0.331 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | **Benzyl chloride** | **1.29** | | ug/m³ | 0.536 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.693 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.07 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.402 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.322 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.977** | TO-LCS -H | ug/m³ | 0.163 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.476 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.273 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | **Chloroform** | **0.707** | TO-LCS -H | ug/m³ | 0.505 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **1.13** | | ug/m³ | 0.214 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.205 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.470 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | **Cyclohexane** | **0.356** | | ug/m³ | 0.356 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.882 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **4.25** | TO-CCV, TO-LCS -H | ug/m³ | 0.512 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 141-78-6 | *** Ethyl acetate** | **1.27** | TO-CCV | ug/m³ | 0.746 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241175_IA03_080624 **York Sample ID:** 24H0465-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:08 am | 08/07/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 100-41-4 | **Ethyl Benzene** | **0.629** | | ug/m³ | 0.449 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.10 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 67-63-0 | **Isopropanol** | **73.7** | | ug/m³ | 0.509 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.424 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.373 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-09-2 | **Methylene chloride** | **1.33** | | ug/m³ | 0.719 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.09 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: NJDEP-NY037 | | | |
| 142-82-5 | **n-Heptane** | **0.594** | | ug/m³ | 0.424 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 110-54-3 | **n-Hexane** | **1.64** | | ug/m³ | 0.365 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 95-47-6 | **o-Xylene** | **0.899** | | ug/m³ | 0.449 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 179601-23-1 | **p- & m- Xylenes** | **1.66** | | ug/m³ | 0.899 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 622-96-8 | *** p-Ethyltoluene** | **2.85** | | ug/m³ | 0.509 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.178 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.441 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.702 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.611 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **3.08** | | ug/m³ | 0.390 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.410 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.470 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.139 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **2.62** | TO-LCS -H | ug/m³ | 0.582 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.364 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** C241175_IA03_080624 **York Sample ID:** 24H0465-02

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:08 am | 08/07/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.453 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.132 | 1.035 | EPA TO-15 | 08/10/2024 12:00 | 08/11/2024 08:45 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSV04_080624 **York Sample ID:** 24H0465-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:13 am | 08/07/2024 |

### 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 | 1.32 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | | | |
| 71-55-6 | **1,1,1-Trichloroethane** | **151** | TO-CCV, TO-LCS-H | ug/m³ | 1.05 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 1.32 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 1.47 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 1.05 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.778 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.381 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 1.43 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **5.96** | | ug/m³ | 0.945 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 1.48 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 1.16 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.778 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.889 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 1.34 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **1.61** | | ug/m³ | 0.945 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 1.28 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 1.16 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.889 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 1.16 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 1.39 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **3.06** | B | ug/m³ | 0.567 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSV04_080624 **York Sample ID:** 24H0465-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:13 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | *** 2-Hexanone** | **2.68** | | ug/m³ | 1.58 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 3.01 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | **4-Methyl-2-pentanone** | **1.50** | | ug/m³ | 0.788 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **22.6** | B | ug/m³ | 0.914 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | **Acrylonitrile** | **0.584** | | ug/m³ | 0.417 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.614 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.996 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 1.29 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.99 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.747 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.599 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.605** | TO-CCV, TO-LCS-H | ug/m³ | 0.302 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.885 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.507 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | **Chloroform** | **15.9** | TO-CCV, TO-LCS-H | ug/m³ | 0.939 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.397 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.381 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.873 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.662 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 1.64 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSV04_080624 **York Sample ID:** 24H0465-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:13 am | 08/07/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-71-8 | **Dichlorodifluoromethane** | **2.85** | TO-CCV, TO-LCS-H | ug/m³ | 0.951 | 1.923 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 1.39 | 1.923 | EPA TO-15 Certifications: | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.835 | 1.923 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 2.05 | 1.923 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| 67-63-0 | **Isopropanol** | **37.6** | B | ug/m³ | 0.945 | 1.923 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.787 | 1.923 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.693 | 1.923 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 1.34 | 1.923 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 2.02 | 1.923 | EPA TO-15 Certifications: NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.788 | 1.923 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 0.678 | 1.923 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| 95-47-6 | **o-Xylene** | **1.00** | | ug/m³ | 0.835 | 1.923 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| 179601-23-1 | **p- & m- Xylenes** | **1.75** | | ug/m³ | 1.67 | 1.923 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| 622-96-8 | *** p-Ethyltoluene** | **4.54** | | ug/m³ | 0.945 | 1.923 | EPA TO-15 Certifications: | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| 115-07-1 | *** Propylene** | **1.19** | | ug/m³ | 0.331 | 1.923 | EPA TO-15 Certifications: | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.819 | 1.923 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| 127-18-4 | **Tetrachloroethylene** | **120** | | ug/m³ | 1.30 | 1.923 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 1.13 | 1.923 | EPA TO-15 Certifications: | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| 108-88-3 | **Toluene** | **2.83** | | ug/m³ | 0.725 | 1.923 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.762 | 1.923 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.873 | 1.923 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |

## Sample Information

**Client Sample ID:** C241175_SSV04_080624 **York Sample ID:** 24H0465-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:13 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 79-01-6 | **Trichloroethylene** | **84.8** | | ug/m³ | 0.258 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **3.57** | TO-CCV, TO-LCS-H | ug/m³ | 1.08 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.677 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.841 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | **Vinyl Chloride** | **2.06** | | ug/m³ | 0.246 | 1.923 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 11:37 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA06_080624 **York Sample ID:** 24H0465-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:12 am | 08/07/2024 |

### 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 | 0.641 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | | | |
| 71-55-6 | **1,1,1-Trichloroethane** | **0.663** | TO-CCV, TO-LCS-H | ug/m³ | 0.510 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.641 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.716 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.510 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.378 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.185 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | **1,2,4-Trichlorobenzene** | **1.25** | | ug/m³ | 0.693 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **3.21** | | ug/m³ | 0.459 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.718 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.562 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.378 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.432 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.653 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **1.06** | | ug/m³ | 0.459 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.620 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.562 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.432 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | | | |
| 106-46-7 | **1,4-Dichlorobenzene** | **0.786** | | ug/m³ | 0.562 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.673 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **3.86** | B | ug/m³ | 0.275 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA06_080624 **York Sample ID:** 24H0465-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:12 am | 08/07/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | *** 2-Hexanone** | **1.15** | | ug/m³ | 0.765 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 1.46 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | **4-Methyl-2-pentanone** | **0.574** | | ug/m³ | 0.383 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **94.8** | B | ug/m³ | 0.444 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.203 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **0.746** | | ug/m³ | 0.298 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | **Benzyl chloride** | **1.11** | | ug/m³ | 0.484 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.626 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.965 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.363 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.291 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.529** | TO-CCV, TO-LCS-H | ug/m³ | 0.147 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.430 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.246 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | **Chloroform** | **0.456** | | ug/m³ | 0.456 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **1.49** | | ug/m³ | 0.193 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.185 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.424 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.321 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.796 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA06_080624 **York Sample ID:** 24H0465-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:12 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-71-8 | **Dichlorodifluoromethane** | **2.82** | TO-CCV, TO-LCS-H | ug/m³ | 0.462 | 0.934 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| 141-78-6 | *** Ethyl acetate** | **1.51** | | ug/m³ | 0.673 | 0.934 | EPA TO-15<br>Certifications: | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| 100-41-4 | **Ethyl Benzene** | **0.811** | | ug/m³ | 0.406 | 0.934 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 0.996 | 0.934 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| 67-63-0 | **Isopropanol** | **80.7** | B | ug/m³ | 0.459 | 0.934 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.382 | 0.934 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.337 | 0.934 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| 75-09-2 | **Methylene chloride** | **1.30** | | ug/m³ | 0.649 | 0.934 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| 91-20-3 | *** Naphthalene** | **4.06** | TO-CCV, TO-LCS-H | ug/m³ | 0.979 | 0.934 | EPA TO-15<br>Certifications: NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| 142-82-5 | **n-Heptane** | **0.689** | | ug/m³ | 0.383 | 0.934 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| 110-54-3 | **n-Hexane** | **1.51** | | ug/m³ | 0.329 | 0.934 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| 95-47-6 | **o-Xylene** | **1.01** | | ug/m³ | 0.406 | 0.934 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| 179601-23-1 | **p- & m- Xylenes** | **2.27** | | ug/m³ | 0.811 | 0.934 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| 622-96-8 | *** p-Ethyltoluene** | **2.53** | | ug/m³ | 0.459 | 0.934 | EPA TO-15<br>Certifications: | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| 115-07-1 | *** Propylene** | **1.45** | | ug/m³ | 0.161 | 0.934 | EPA TO-15<br>Certifications: | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.398 | 0.934 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.633 | 0.934 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.551 | 0.934 | EPA TO-15<br>Certifications: | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| 108-88-3 | **Toluene** | **3.34** | | ug/m³ | 0.352 | 0.934 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.370 | 0.934 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |

## Sample Information

**Client Sample ID:** C241175_IA06_080624 **York Sample ID:** 24H0465-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:12 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.424 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | **Trichloroethylene** | **0.201** | | ug/m³ | 0.125 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **1.42** | TO-CCV, TO-LCS-H | ug/m³ | 0.525 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.329 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.409 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.119 | 0.934 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 21:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP04_080624 **York Sample ID:** 24H0465-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:18 am | 08/07/2024 |

### 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 | 12.7 | 18.55 | EPA TO-15<br>Certifications: | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| 71-55-6 | **1,1,1-Trichloroethane** | **2660** | TO-CCV, TO-LCS-H | ug/m³ | 10.1 | 18.55 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 12.7 | 18.55 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 14.2 | 18.55 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 10.1 | 18.55 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| 75-34-3 | **1,1-Dichloroethane** | **85.6** | | ug/m³ | 7.51 | 18.55 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 3.68 | 18.55 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 13.8 | 18.55 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 9.12 | 18.55 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 14.3 | 18.55 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 11.2 | 18.55 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 7.51 | 18.55 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 8.57 | 18.55 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 13.0 | 18.55 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 9.12 | 18.55 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 12.3 | 18.55 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 11.2 | 18.55 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 8.57 | 18.55 | EPA TO-15<br>Certifications: | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 11.2 | 18.55 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 13.4 | 18.55 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 5.47 | 18.55 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |

## Sample Information

**Client Sample ID:** C241175_SSPP04_080624 **York Sample ID:** 24H0465-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:18 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 15.2 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 29.0 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 7.60 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **20.3** | B | ug/m³ | 8.81 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 4.03 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 5.93 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 9.60 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 12.4 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 19.2 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 7.20 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 5.78 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | Carbon tetrachloride | ND | | ug/m³ | 2.92 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 8.54 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 4.89 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | **Chloroform** | **29.0** | TO-CCV, TO-LCS-H | ug/m³ | 9.06 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 3.83 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 3.68 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 8.42 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 6.39 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 15.8 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 9.17 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP04_080624 **York Sample ID:** 24H0465-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:18 am | 08/07/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 13.4 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 8.06 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 19.8 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **59.3** | B | ug/m³ | 9.12 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 7.59 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 6.69 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 12.9 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 19.4 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 7.60 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | n-Hexane | ND | | ug/m³ | 6.54 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | o-Xylene | ND | | ug/m³ | 8.05 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 16.1 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 9.12 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 3.19 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 7.90 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 12.6 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 10.9 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 6.99 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 7.35 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 8.42 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 2.49 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 10.4 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP04_080624 **York Sample ID:** 24H0465-05

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:18 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 6.53 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 8.11 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 2.37 | 18.55 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:03 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA04_080624 **York Sample ID:** 24H0465-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:17 am | 08/07/2024 |

**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 | 0.680 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.540 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.680 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | **1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)** | **0.759** | | ug/m³ | 0.759 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.540 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.401 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.196 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.735 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **3.21** | | ug/m³ | 0.487 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.761 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.595 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.401 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.457 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.692 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **1.22** | | ug/m³ | 0.487 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.657 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.595 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.458 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.595 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.713 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **2.63** | B | ug/m³ | 0.292 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | *** 2-Hexanone** | **1.01** | | ug/m³ | 0.811 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241175_IA04_080624 **York Sample ID:** 24H0465-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:17 am | 08/07/2024 |

### 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 | 1.55 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | **4-Methyl-2-pentanone** | **0.406** | | ug/m³ | 0.406 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **36.1** | B | ug/m³ | 0.470 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.215 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **0.791** | | ug/m³ | 0.316 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | **Benzyl chloride** | **1.59** | | ug/m³ | 0.513 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.663 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.02 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.384 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.308 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.872** | TO-CCV, TO-LCS-H | ug/m³ | 0.156 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.456 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.261 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | **Chloroform** | **0.483** | | ug/m³ | 0.483 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **1.19** | | ug/m³ | 0.204 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.196 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.449 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.341 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.843 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **3.92** | TO-CCV, TO-LCS-H | ug/m³ | 0.490 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA04_080624 **York Sample ID:** 24H0465-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:17 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * **Ethyl acetate** | **1.03** | | ug/m³ | 0.713 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | | | |
| 100-41-4 | **Ethyl Benzene** | **0.602** | | ug/m³ | 0.430 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.06 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **20.6** | B | ug/m³ | 0.487 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.405 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.357 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **1.27** | | ug/m³ | 0.688 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.04 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | **n-Heptane** | **0.568** | | ug/m³ | 0.406 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **1.57** | | ug/m³ | 0.349 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | **o-Xylene** | **0.946** | | ug/m³ | 0.430 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | **p- & m- Xylenes** | **1.81** | | ug/m³ | 0.860 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * **p-Ethyltoluene** | **2.43** | | ug/m³ | 0.487 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.170 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.422 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.671 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.584 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **2.57** | | ug/m³ | 0.373 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.393 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.449 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | **Trichloroethylene** | **0.426** | | ug/m³ | 0.133 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA04_080624 **York Sample ID:** 24H0465-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:17 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **2.34** | TO-CCV, TO-LCS-H | ug/m³ | 0.556 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.349 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.433 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.127 | 0.99 | EPA TO-15 | 08/13/2024 12:00 | 08/13/2024 23:47 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** C241175_SSPP01_080624 **York Sample ID:** 24H0465-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:16 am | 08/07/2024 |

### 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 | 1.11 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | | | |
| 71-55-6 | **1,1,1-Trichloroethane** | **142** | TO-CCV, TO-LCS-H | ug/m³ | 0.886 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 1.11 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 1.24 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.886 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | **1,1-Dichloroethane** | **39.0** | | ug/m³ | 0.657 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.322 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 1.20 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **9.41** | | ug/m³ | 0.798 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 1.25 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.976 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.657 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.750 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 1.13 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **2.87** | | ug/m³ | 0.798 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 1.08 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | **1,3-Dichlorobenzene** | **1.66** | | ug/m³ | 0.976 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.750 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.976 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 1.17 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **2.30** | B | ug/m³ | 0.479 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP01_080624 **York Sample ID:** 24H0465-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:16 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 1.33 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 2.54 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | **4-Methyl-2-pentanone** | **0.997** | | ug/m³ | 0.665 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **21.1** | B | ug/m³ | 0.771 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.352 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **0.674** | | ug/m³ | 0.518 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.840 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 1.09 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.68 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.630 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | **Carbon disulfide** | **3.34** | | ug/m³ | 0.505 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.817** | TO-CCV, TO-LCS-H | ug/m³ | 0.255 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.747 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.428 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | **Chloroform** | **5.23** | TO-CCV, TO-LCS-H | ug/m³ | 0.792 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **0.637** | | ug/m³ | 0.335 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.322 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.737 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.559 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 1.38 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP01_080624 **York Sample ID:** 24H0465-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:16 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-71-8 | **Dichlorodifluoromethane** | **3.69** | TO-CCV, TO-LCS-H | ug/m³ | 0.803 | 1.623 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 1.17 | 1.623 | EPA TO-15 Certifications: | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| 100-41-4 | **Ethyl Benzene** | **0.705** | | ug/m³ | 0.705 | 1.623 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.73 | 1.623 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| 67-63-0 | **Isopropanol** | **44.5** | B | ug/m³ | 0.798 | 1.623 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.664 | 1.623 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.585 | 1.623 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| 75-09-2 | **Methylene chloride** | **1.30** | | ug/m³ | 1.13 | 1.623 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 1.70 | 1.623 | EPA TO-15 Certifications: NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.665 | 1.623 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| 110-54-3 | **n-Hexane** | **1.20** | | ug/m³ | 0.572 | 1.623 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| 95-47-6 | **o-Xylene** | **1.20** | | ug/m³ | 0.705 | 1.623 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| 179601-23-1 | **p- & m- Xylenes** | **2.11** | | ug/m³ | 1.41 | 1.623 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| 622-96-8 | *** p-Ethyltoluene** | **6.86** | | ug/m³ | 0.798 | 1.623 | EPA TO-15 Certifications: | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.279 | 1.623 | EPA TO-15 Certifications: | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.691 | 1.623 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| 127-18-4 | **Tetrachloroethylene** | **1.21** | | ug/m³ | 1.10 | 1.623 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.957 | 1.623 | EPA TO-15 Certifications: | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| 108-88-3 | **Toluene** | **2.94** | | ug/m³ | 0.612 | 1.623 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.643 | 1.623 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.737 | 1.623 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |

## Sample Information

**Client Sample ID:** C241175_SSPP01_080624 **York Sample ID:** 24H0465-07

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:16 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 79-01-6 | **Trichloroethylene** | **1.40** | | ug/m³ | 0.218 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **2.74** | TO-CCV, TO-LCS-H | ug/m³ | 0.912 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.571 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.710 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.207 | 1.623 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:18 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** C241175_IA01_080624 **York Sample ID:** 24H0465-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:15 am | 08/07/2024 |

### 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 | 0.621 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.494 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.621 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | **1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)** | **0.971** | TO-LCS -H | ug/m³ | 0.694 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.494 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.366 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.179 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.672 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **2.18** | | ug/m³ | 0.445 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.695 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.544 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.366 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.418 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.633 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **0.667** | | ug/m³ | 0.445 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.601 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.544 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.418 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | | | |
| 106-46-7 | **1,4-Dichlorobenzene** | **0.544** | | ug/m³ | 0.544 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.652 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **3.58** | B | ug/m³ | 0.267 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.741 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241175_IA01_080624 **York Sample ID:** 24H0465-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:15 am | 08/07/2024 |

**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 | 1.42 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | **4-Methyl-2-pentanone** | **0.927** | | ug/m³ | 0.371 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **38.2** | B | ug/m³ | 0.430 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.196 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **1.73** | | ug/m³ | 0.289 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.469 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.606 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 0.935 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.351 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | **Carbon disulfide** | **0.423** | | ug/m³ | 0.282 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **1.25** | TO-CCV, TO-LCS-H | ug/m³ | 0.142 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.417 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.239 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | **Chloroform** | **0.619** | TO-CCV, TO-LCS-H | ug/m³ | 0.442 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **1.35** | | ug/m³ | 0.187 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.179 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.411 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | **Cyclohexane** | **0.779** | | ug/m³ | 0.312 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.771 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA01_080624 **York Sample ID:** 24H0465-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:15 am | 08/07/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-71-8 | **Dichlorodifluoromethane** | **5.33** | TO-CCV, TO-LCS-H | ug/m³ | 0.448 | 0.905 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| 141-78-6 | *** Ethyl acetate** | **4.14** | | ug/m³ | 0.652 | 0.905 | EPA TO-15 Certifications: | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| 100-41-4 | **Ethyl Benzene** | **1.96** | | ug/m³ | 0.393 | 0.905 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 0.965 | 0.905 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| 67-63-0 | **Isopropanol** | **29.9** | B | ug/m³ | 0.445 | 0.905 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.371 | 0.905 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.326 | 0.905 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| 75-09-2 | **Methylene chloride** | **6.35** | | ug/m³ | 0.629 | 0.905 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| 91-20-3 | *** Naphthalene** | **5.69** | TO-CCV, TO-LCS-H | ug/m³ | 0.949 | 0.905 | EPA TO-15 Certifications: NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| 142-82-5 | **n-Heptane** | **2.82** | | ug/m³ | 0.371 | 0.905 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| 110-54-3 | **n-Hexane** | **1.98** | | ug/m³ | 0.319 | 0.905 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| 95-47-6 | **o-Xylene** | **2.59** | | ug/m³ | 0.393 | 0.905 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| 179601-23-1 | **p- & m- Xylenes** | **7.66** | | ug/m³ | 0.786 | 0.905 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| 622-96-8 | *** p-Ethyltoluene** | **1.65** | | ug/m³ | 0.445 | 0.905 | EPA TO-15 Certifications: | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| 115-07-1 | *** Propylene** | **1.64** | | ug/m³ | 0.156 | 0.905 | EPA TO-15 Certifications: | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| 100-42-5 | **Styrene** | **0.617** | | ug/m³ | 0.386 | 0.905 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| 127-18-4 | **Tetrachloroethylene** | **2.33** | | ug/m³ | 0.614 | 0.905 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.534 | 0.905 | EPA TO-15 Certifications: | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| 108-88-3 | **Toluene** | **12.7** | | ug/m³ | 0.341 | 0.905 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.359 | 0.905 | EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |

## Sample Information

**Client Sample ID:** C241175_IA01_080624 **York Sample ID:** 24H0465-08

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:15 am | 08/07/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.411 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | **Trichloroethylene** | **0.146** | | ug/m³ | 0.122 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **3.20** | TO-CCV, TO-LCS-H | ug/m³ | 0.508 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.319 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.396 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.116 | 0.905 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 01:12 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP02_080624 **York Sample ID:** 24H0465-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:20 am | 08/07/2024 |

### 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 | 1.34 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | | | |
| 71-55-6 | **1,1,1-Trichloroethane** | **121** | TO-LCS-H, TO-CCV | ug/m³ | 1.06 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 1.34 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 1.49 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 1.06 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | **1,1-Dichloroethane** | **19.2** | | ug/m³ | 0.787 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.386 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 1.44 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **9.27** | | ug/m³ | 0.956 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 1.49 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 1.17 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.787 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.899 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 1.36 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **2.68** | | ug/m³ | 0.956 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 1.29 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 1.17 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.899 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 1.17 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 1.40 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **2.87** | B | ug/m³ | 0.574 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP02_080624 **York Sample ID:** 24H0465-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:20 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 1.59 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 3.04 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | **4-Methyl-2-pentanone** | **1.12** | | ug/m³ | 0.797 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **22.2** | B | ug/m³ | 0.924 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.422 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **0.621** | | ug/m³ | 0.621 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 1.01 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 1.30 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 2.01 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.755 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | **Carbon disulfide** | **6.24** | | ug/m³ | 0.606 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **1.47** | TO-LCS-H, TO-CCV | ug/m³ | 0.306 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.895 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.513 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | **Chloroform** | **3.51** | TO-LCS-H, TO-CCV | ug/m³ | 0.950 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.402 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.386 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.883 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.669 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 1.66 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP02_080624 **York Sample ID:** 24H0465-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:20 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-71-8 | **Dichlorodifluoromethane** | **3.85** | TO-LCS-H, TO-CCV | ug/m³ | 0.962 | 1.945 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 1.40 | 1.945 | EPA TO-15<br>Certifications: | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.845 | 1.945 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 2.07 | 1.945 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| 67-63-0 | **Isopropanol** | **47.6** | B | ug/m³ | 0.956 | 1.945 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.796 | 1.945 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.701 | 1.945 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 1.35 | 1.945 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 2.04 | 1.945 | EPA TO-15<br>Certifications: NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.797 | 1.945 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| 110-54-3 | **n-Hexane** | **0.754** | | ug/m³ | 0.686 | 1.945 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| 95-47-6 | **o-Xylene** | **1.27** | | ug/m³ | 0.845 | 1.945 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| 179601-23-1 | **p- & m- Xylenes** | **2.20** | | ug/m³ | 1.69 | 1.945 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| 622-96-8 | *** p-Ethyltoluene** | **6.22** | | ug/m³ | 0.956 | 1.945 | EPA TO-15<br>Certifications: | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.335 | 1.945 | EPA TO-15<br>Certifications: | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.829 | 1.945 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| 127-18-4 | **Tetrachloroethylene** | **5.28** | | ug/m³ | 1.32 | 1.945 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 1.15 | 1.945 | EPA TO-15<br>Certifications: | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| 108-88-3 | **Toluene** | **2.79** | | ug/m³ | 0.733 | 1.945 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.771 | 1.945 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.883 | 1.945 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |

## Sample Information

**Client Sample ID:** C241175_SSPP02_080624 **York Sample ID:** 24H0465-09

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:20 am | 08/07/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 79-01-6 | **Trichloroethylene** | **4.29** | | ug/m³ | 0.261 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **2.51** | TO-CCV, TO-LCS-H | ug/m³ | 1.09 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.685 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.851 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.249 | 1.945 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 12:59 | YR |
| | | | | | | | Certifications: NELAC-NY12058,NJDEP-NY037 | | | |

## Sample Information

**Client Sample ID:** C241175_IA02_080624 **York Sample ID:** 24H0465-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:19 am | 08/07/2024 |

### 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 | 0.702 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.558 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.702 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 0.783 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.558 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.414 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.203 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.758 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **3.87** | | ug/m³ | 0.502 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.785 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.614 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.414 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.472 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.714 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **1.26** | | ug/m³ | 0.502 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.678 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.614 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.472 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.614 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.737 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **2.71** | B | ug/m³ | 0.301 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.837 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241175_IA02_080624 **York Sample ID:** 24H0465-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:19 am | 08/07/2024 |

### 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 | 1.60 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.419 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **35.8** | B | ug/m³ | 0.486 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.222 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **0.718** | | ug/m³ | 0.326 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | **Benzyl chloride** | **1.75** | | ug/m³ | 0.529 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.685 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.06 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.397 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.318 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.707** | TO-CCV, TO-LCS-H | ug/m³ | 0.161 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.470 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.270 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.499 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **1.01** | | ug/m³ | 0.211 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.203 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.464 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.352 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.871 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **3.64** | TO-CCV, TO-LCS-H | ug/m³ | 0.505 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA02_080624 **York Sample ID:** 24H0465-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:19 am | 08/07/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * **Ethyl acetate** | **0.884** | | ug/m³ | 0.737 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | | | |
| 100-41-4 | **Ethyl Benzene** | **0.621** | | ug/m³ | 0.444 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.09 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **21.7** | B | ug/m³ | 0.502 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.418 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.368 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **1.28** | | ug/m³ | 0.710 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * **Naphthalene** | **1.50** | TO-CCV, TO-LCS-H | ug/m³ | 1.07 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | **n-Heptane** | **0.628** | | ug/m³ | 0.419 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **1.51** | | ug/m³ | 0.360 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | **o-Xylene** | **0.976** | | ug/m³ | 0.444 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | **p- & m- Xylenes** | **1.86** | | ug/m³ | 0.887 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * **p-Ethyltoluene** | **2.76** | | ug/m³ | 0.502 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * **Propylene** | **0.967** | | ug/m³ | 0.176 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.435 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.693 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.603 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **2.73** | | ug/m³ | 0.385 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.405 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.464 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.137 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA02_080624 **York Sample ID:** 24H0465-10

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:19 am | 08/07/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **2.07** | TO-CCV, TO-LCS-H | ug/m³ | 0.574 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.360 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.447 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.131 | 1.022 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 02:36 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP05_080624 **York Sample ID:** 24H0465-11

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:24 am | 08/07/2024 |

### 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 | 1.33 | 1.942 | EPA TO-15<br>Certifications: | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| 71-55-6 | **1,1,1-Trichloroethane** | **1.17** | TO-CCV, TO-LCS-H | ug/m³ | 1.06 | 1.942 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 1.33 | 1.942 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | | ug/m³ | 1.49 | 1.942 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 13:39 | YR |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 1.06 | 1.942 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.786 | 1.942 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.385 | 1.942 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 1.44 | 1.942 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | ug/m³ | 0.955 | 1.942 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 1.49 | 1.942 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 1.17 | 1.942 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.786 | 1.942 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.897 | 1.942 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 1.36 | 1.942 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **1.53** | | ug/m³ | 0.955 | 1.942 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 13:39 | YR |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 1.29 | 1.942 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| 541-73-1 | **1,3-Dichlorobenzene** | **1.17** | | ug/m³ | 1.17 | 1.942 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 13:39 | YR |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.897 | 1.942 | EPA TO-15<br>Certifications: | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 1.17 | 1.942 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 1.40 | 1.942 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| 78-93-3 | 2-Butanone | ND | | ug/m³ | 0.573 | 1.942 | EPA TO-15<br>Certifications: NELAC-NY12058,NJDEP-NY037 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |

## Sample Information

**Client Sample ID:** C241175_SSPP05_080624 **York Sample ID:** 24H0465-11

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:24 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 1.59 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 13:39 | YR |
| | | | | | | | Certifications: | | | |
| 107-05-1 | 3-Chloropropene | ND | | ug/m³ | 3.04 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | **4-Methyl-2-pentanone** | **0.875** | | ug/m³ | 0.796 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 13:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **3.37** | B | ug/m³ | 0.923 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.421 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | Benzene | ND | | ug/m³ | 0.620 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 1.01 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 1.30 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 2.01 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.754 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | **Carbon disulfide** | **1.15** | | ug/m³ | 0.605 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.855** | TO-CCV, TO-LCS-H | ug/m³ | 0.305 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 13:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.894 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 13:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.512 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.948 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 13:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | Chloromethane | ND | | ug/m³ | 0.401 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.385 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.881 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.668 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 1.65 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | Dichlorodifluoromethane | ND | | ug/m³ | 0.960 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP05_080624 **York Sample ID:** 24H0465-11

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:24 am | 08/07/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 1.40 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 13:39 | YR |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.843 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 13:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 2.07 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **5.68** | B | ug/m³ | 0.955 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.795 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.700 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | Methylene chloride | ND | | ug/m³ | 1.35 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * Naphthalene | ND | | ug/m³ | 2.04 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 13:39 | YR |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | n-Heptane | ND | | ug/m³ | 0.796 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 13:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **1.03** | | ug/m³ | 0.685 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 13:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | **o-Xylene** | **0.928** | | ug/m³ | 0.843 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 13:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | p- & m- Xylenes | ND | | ug/m³ | 1.69 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * p-Ethyltoluene | ND | | ug/m³ | 0.955 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.334 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.827 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 1.32 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 1.15 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | Toluene | ND | | ug/m³ | 0.732 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | **trans-1,2-Dichloroethylene** | **1.08** | | ug/m³ | 0.770 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.881 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | **Trichloroethylene** | **0.522** | | ug/m³ | 0.261 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 13:39 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | ND | | ug/m³ | 1.09 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_SSPP05_080624 **York Sample ID:** 24H0465-11

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Soil Vapor | August 6, 2024 9:24 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.684 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.849 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.248 | 1.942 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 03:16 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA05_080624 **York Sample ID:** 24H0465-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:23 am | 08/07/2024 |

### 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 | 0.687 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.546 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.687 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | **1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)** | **0.767** | | ug/m³ | 0.767 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.546 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.405 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.198 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.743 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **2.90** | | ug/m³ | 0.492 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.769 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.602 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.405 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.463 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.700 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | **1,3,5-Trimethylbenzene** | **0.984** | | ug/m³ | 0.492 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.664 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.602 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.463 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.602 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.721 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **2.48** | B | ug/m³ | 0.295 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.820 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241175_IA05_080624 **York Sample ID:** 24H0465-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:23 am | 08/07/2024 |

### 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 | 1.57 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.410 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **38.8** | B | ug/m³ | 0.476 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | **Acrylonitrile** | **5.41** | | ug/m³ | 0.217 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **0.895** | | ug/m³ | 0.320 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | **Benzyl chloride** | **2.12** | | ug/m³ | 0.518 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.671 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.03 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.389 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.312 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.882** | TO-LCS-H, TO-CCV | ug/m³ | 0.157 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.461 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.264 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.489 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **1.05** | | ug/m³ | 0.207 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | ug/m³ | 0.198 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.345 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.853 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **3.91** | TO-LCS-H, TO-CCV | ug/m³ | 0.495 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA05_080624 **York Sample ID:** 24H0465-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:23 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * **Ethyl acetate** | **0.794** | | ug/m³ | 0.721 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | | | |
| 100-41-4 | **Ethyl Benzene** | **0.652** | | ug/m³ | 0.435 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.07 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **19.3** | B | ug/m³ | 0.492 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.410 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.361 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **1.25** | | ug/m³ | 0.695 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | * **Naphthalene** | **1.10** | TO-LCS-H, TO-CCV | ug/m³ | 1.05 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | **n-Heptane** | **0.533** | | ug/m³ | 0.410 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **1.73** | | ug/m³ | 0.353 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | **o-Xylene** | **0.956** | | ug/m³ | 0.435 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | **p- & m- Xylenes** | **1.87** | | ug/m³ | 0.869 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | * **p-Ethyltoluene** | **2.12** | | ug/m³ | 0.492 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.172 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.426 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | Tetrachloroethylene | ND | | ug/m³ | 0.679 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.590 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **2.64** | | ug/m³ | 0.377 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.397 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.454 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | Trichloroethylene | ND | | ug/m³ | 0.134 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_IA05_080624 **York Sample ID:** 24H0465-12

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Indoor Ambient Air | August 6, 2024 9:23 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **2.25** | TO-CCV, TO-LCS-H | ug/m³ | 0.562 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.352 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.438 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.128 | 1.001 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:00 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_AA02_080624 **York Sample ID:** 24H0465-13

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Outdoor Ambient Air | August 6, 2024 9:29 am | 08/07/2024 |

### 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 | 0.722 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | ug/m³ | 0.574 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | ug/m³ | 0.722 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-13-1 | **1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)** | **0.806** | | ug/m³ | 0.806 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | ug/m³ | 0.574 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | ug/m³ | 0.426 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | ug/m³ | 0.209 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ND | | ug/m³ | 0.781 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-63-6 | **1,2,4-Trimethylbenzene** | **0.724** | | ug/m³ | 0.517 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-93-4 | 1,2-Dibromoethane | ND | | ug/m³ | 0.808 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | ug/m³ | 0.632 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | ug/m³ | 0.426 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-87-5 | 1,2-Dichloropropane | ND | | ug/m³ | 0.486 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | ND | | ug/m³ | 0.735 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | ug/m³ | 0.517 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 106-99-0 | 1,3-Butadiene | ND | | ug/m³ | 0.698 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | ug/m³ | 0.632 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 142-28-9 | * 1,3-Dichloropropane | ND | | ug/m³ | 0.486 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | ug/m³ | 0.632 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 123-91-1 | 1,4-Dioxane | ND | ICVE | ug/m³ | 0.758 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 78-93-3 | **2-Butanone** | **2.05** | B | ug/m³ | 0.310 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 591-78-6 | * 2-Hexanone | ND | | ug/m³ | 0.862 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | | | |

## Sample Information

**Client Sample ID:** C241175_AA02_080624 **York Sample ID:** 24H0465-13

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Outdoor Ambient Air | August 6, 2024 9:29 am | 08/07/2024 |

### 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 | 1.65 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | ug/m³ | 0.431 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-64-1 | **Acetone** | **20.7** | B | ug/m³ | 0.500 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 107-13-1 | Acrylonitrile | ND | | ug/m³ | 0.228 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 71-43-2 | **Benzene** | **0.874** | | ug/m³ | 0.336 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 100-44-7 | Benzyl chloride | ND | | ug/m³ | 0.545 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-27-4 | Bromodichloromethane | ND | | ug/m³ | 0.705 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-25-2 | Bromoform | ND | | ug/m³ | 1.09 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-83-9 | Bromomethane | ND | | ug/m³ | 0.408 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-15-0 | Carbon disulfide | ND | | ug/m³ | 0.328 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 56-23-5 | **Carbon tetrachloride** | **0.993** | TO-LCS-H, TO-CCV | ug/m³ | 0.165 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-90-7 | Chlorobenzene | ND | | ug/m³ | 0.484 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-00-3 | Chloroethane | ND | | ug/m³ | 0.278 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-66-3 | Chloroform | ND | | ug/m³ | 0.514 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 74-87-3 | **Chloromethane** | **1.06** | | ug/m³ | 0.217 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-59-2 | **cis-1,2-Dichloroethylene** | **0.292** | | ug/m³ | 0.209 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND | | ug/m³ | 0.477 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-82-7 | Cyclohexane | ND | | ug/m³ | 0.362 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 124-48-1 | Dibromochloromethane | ND | | ug/m³ | 0.896 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-71-8 | **Dichlorodifluoromethane** | **4.42** | TO-LCS-H, TO-CCV | ug/m³ | 0.520 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_AA02_080624 **York Sample ID:** 24H0465-13

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Outdoor Ambient Air | August 6, 2024 9:29 am | 08/07/2024 |

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 141-78-6 | * Ethyl acetate | ND | | ug/m³ | 0.758 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | | | |
| 100-41-4 | Ethyl Benzene | ND | | ug/m³ | 0.457 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 87-68-3 | Hexachlorobutadiene | ND | | ug/m³ | 1.12 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 67-63-0 | **Isopropanol** | **4.78** | B | ug/m³ | 0.517 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 80-62-6 | Methyl Methacrylate | ND | | ug/m³ | 0.431 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | ug/m³ | 0.379 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-09-2 | **Methylene chloride** | **1.02** | | ug/m³ | 0.731 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 91-20-3 | *** Naphthalene** | **1.93** | TO-CCV, TO-LCS-H | ug/m³ | 1.10 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NJDEP-NY037 | | |
| 142-82-5 | **n-Heptane** | **0.517** | | ug/m³ | 0.431 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 110-54-3 | **n-Hexane** | **0.890** | | ug/m³ | 0.371 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 95-47-6 | **o-Xylene** | **0.548** | | ug/m³ | 0.457 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 179601-23-1 | **p- & m- Xylenes** | **1.42** | | ug/m³ | 0.914 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 622-96-8 | *** p-Ethyltoluene** | **0.569** | | ug/m³ | 0.517 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | | | |
| 115-07-1 | * Propylene | ND | | ug/m³ | 0.181 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | | | |
| 100-42-5 | Styrene | ND | | ug/m³ | 0.448 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 127-18-4 | **Tetrachloroethylene** | **1.14** | | ug/m³ | 0.714 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 109-99-9 | * Tetrahydrofuran | ND | | ug/m³ | 0.621 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | | | |
| 108-88-3 | **Toluene** | **2.26** | | ug/m³ | 0.396 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | ug/m³ | 0.417 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND | | ug/m³ | 0.477 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 79-01-6 | **Trichloroethylene** | **0.961** | | ug/m³ | 0.141 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

## Sample Information

**Client Sample ID:** C241175_AA02_080624 **York Sample ID:** 24H0465-13

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 24H0465 | 170340204 | Outdoor Ambient Air | August 6, 2024 9:29 am | 08/07/2024 |

**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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 75-69-4 | **Trichlorofluoromethane (Freon 11)** | **2.54** | TO-CCV, TO-LCS-H | ug/m³ | 0.591 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 108-05-4 | Vinyl acetate | ND | | ug/m³ | 0.370 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 593-60-2 | Vinyl bromide | ND | | ug/m³ | 0.460 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |
| 75-01-4 | Vinyl Chloride | ND | | ug/m³ | 0.134 | 1.052 | EPA TO-15 | 08/13/2024 12:00 | 08/14/2024 04:44 | YR |
| | | | | | | | Certifications: | NELAC-NY12058,NJDEP-NY037 | | |

# Analytical Batch Summary

**Batch ID:** BH40045 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 24H0322-01 | CAN 17348 / FC 19416 | 07/31/24 |
| 24H0322-07 | CAN 37805 / FC 19403 | 07/31/24 |
| 24H0322-10 | CAN 17353 / FC 19410 | 07/31/24 |

**Batch ID:** BH40057 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 24H0322-03 | CAN 15524 / FC 19426 | 07/31/24 |
| 24H0322-04 | CAN 49569 / FC 20438 | 07/31/24 |
| 24H0322-06 | CAN 16975 / FC 7094 | 07/31/24 |
| 24H0322-08 | CAN 36997 / FC 17985 | 07/31/24 |
| 24H0322-09 | CAN 23195 / FC 17179 | 07/31/24 |
| 24H0322-12 | CAN 18309 / FC 17899 | 07/31/24 |

**Batch ID:** BH40765 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 24H0322-05 | CAN 43000 / FC 19425 | 08/02/24 |
| 24H0322-11 | CAN 41938 / FC 20427 | 08/02/24 |
| 24H0322-14 | CAN 36995 / FC 19394 | 08/02/24 |
| BH40765-BLK1 | Blank | 08/02/24 |
| BH40765-BS1 | LCS | 08/02/24 |

**Batch ID:** BH40767 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 24H0322-02 | CAN 48319 / FC 19385 | 07/31/24 |
| BH40767-BLK1 | Blank | 07/31/24 |
| BH40767-BS1 | LCS | 07/31/24 |

**Batch ID:** BH40831 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 24H0465-01 | C241175_SSPP03_080624 | 08/10/24 |
| 24H0465-02 | C241175_IA03_080624 | 08/10/24 |
| BH40831-BLK1 | Blank | 08/10/24 |
| BH40831-BS1 | LCS | 08/10/24 |

**Batch ID:** BH40934 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 24H0465-03 | C241175_SSV04_080624 | 08/13/24 |

| | | |
|---|---|---|
| 24H0465-04 | C241175_IA06_080624 | 08/13/24 |
| 24H0465-05 | C241175_SSPP04_080624 | 08/13/24 |
| 24H0465-06 | C241175_IA04_080624 | 08/13/24 |
| 24H0465-07 | C241175_SSPP01_080624 | 08/13/24 |
| 24H0465-08 | C241175_IA01_080624 | 08/13/24 |
| 24H0465-09 | C241175_SSPP02_080624 | 08/13/24 |
| 24H0465-10 | C241175_IA02_080624 | 08/13/24 |
| 24H0465-11 | C241175_SSPP05_080624 | 08/13/24 |
| 24H0465-12 | C241175_IA05_080624 | 08/13/24 |
| 24H0465-13 | C241175_AA02_080624 | 08/13/24 |
| BH40934-BLK1 | Blank | 08/13/24 |
| BH40934-BS1 | LCS | 08/13/24 |
| BH40934-DUP1 | Duplicate | 08/13/24 |

## 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 BH40765 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BH40765-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 08/02/2024 | | |
| 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 | ND | 0.492 | " | | | | | | | | |
| Methyl Methacrylate | ND | 0.409 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.361 | " | | | | | | | | |
| Methylene chloride | ND | 0.695 | " | | | | | | | | |
| Naphthalene | ND | 1.05 | " | | | | | | | | |

## 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 BH40765 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BH40765-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 08/02/2024 | | |
| 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 (BH40765-BS1)** LCS | | | | | | | | | Prepared & Analyzed: 08/02/2024 | | |
| 1,1,1,2-Tetrachloroethane | 10.8 | | ppbv | 10.0 | | 108 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 13.0 | | " | 10.0 | | 130 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 8.98 | | " | 10.0 | | 89.8 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 1,1-Dichloroethane | 9.57 | | " | 10.0 | | 95.7 | 70-130 | | | | |
| 1,1-Dichloroethylene | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 9.46 | | " | 10.0 | | 94.6 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| 1,2-Dibromoethane | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 1,2-Dichloroethane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 1,2-Dichloropropane | 8.99 | | " | 10.0 | | 89.9 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| 1,3,5-Trimethylbenzene | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| 1,3-Butadiene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 1,3-Dichlorobenzene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| 1,3-Dichloropropane | 9.35 | | " | 10.0 | | 93.5 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| 1,4-Dioxane | 8.94 | | " | 10.0 | | 89.4 | 70-130 | | | | |
| 2-Butanone | 9.28 | | " | 10.0 | | 92.8 | 70-130 | | | | |
| 2-Hexanone | 9.22 | | " | 10.0 | | 92.2 | 70-130 | | | | |
| 3-Chloropropene | 9.49 | | " | 10.0 | | 94.9 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 8.96 | | " | 10.0 | | 89.6 | 70-130 | | | | |
| Acetone | 9.55 | | " | 10.0 | | 95.5 | 70-130 | | | | |
| Acrylonitrile | 9.71 | | " | 10.0 | | 97.1 | 70-130 | | | | |
| Benzene | 9.44 | | " | 10.0 | | 94.4 | 70-130 | | | | |
| Benzyl chloride | 8.75 | | " | 10.0 | | 87.5 | 70-130 | | | | |
| Bromodichloromethane | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Bromoform | 12.0 | | " | 10.0 | | 120 | 70-130 | | | | |
| Bromomethane | 9.81 | | " | 10.0 | | 98.1 | 70-130 | | | | |
| Carbon disulfide | 9.07 | | " | 10.0 | | 90.7 | 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 BH40765 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BH40765-BS1)** LCS | | | | | | | | Prepared & Analyzed: 08/02/2024 | | | |
| Carbon tetrachloride | 13.9 | | ppbv | 10.0 | | 139 | 70-130 | High Bias | | | |
| Chlorobenzene | 9.34 | | " | 10.0 | | 93.4 | 70-130 | | | | |
| Chloroethane | 9.34 | | " | 10.0 | | 93.4 | 70-130 | | | | |
| Chloroform | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Chloromethane | 8.38 | | " | 10.0 | | 83.8 | 70-130 | | | | |
| cis-1,2-Dichloroethylene | 9.71 | | " | 10.0 | | 97.1 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 9.68 | | " | 10.0 | | 96.8 | 70-130 | | | | |
| Cyclohexane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Dibromochloromethane | 12.1 | | " | 10.0 | | 121 | 70-130 | | | | |
| Dichlorodifluoromethane | 12.8 | | " | 10.0 | | 128 | 70-130 | | | | |
| Ethyl acetate | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Ethyl Benzene | 9.46 | | " | 10.0 | | 94.6 | 70-130 | | | | |
| Hexachlorobutadiene | 13.3 | | " | 10.0 | | 133 | 70-130 | High Bias | | | |
| Isopropanol | 9.75 | | " | 10.0 | | 97.5 | 70-130 | | | | |
| Methyl Methacrylate | 8.93 | | " | 10.0 | | 89.3 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Methylene chloride | 8.52 | | " | 10.0 | | 85.2 | 70-130 | | | | |
| Naphthalene | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| n-Heptane | 9.55 | | " | 10.0 | | 95.5 | 70-130 | | | | |
| n-Hexane | 9.99 | | " | 10.0 | | 99.9 | 70-130 | | | | |
| o-Xylene | 9.94 | | " | 10.0 | | 99.4 | 70-130 | | | | |
| p- & m- Xylenes | 19.6 | | " | 20.0 | | 97.8 | 70-130 | | | | |
| p-Ethyltoluene | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| Propylene | 8.83 | | " | 10.0 | | 88.3 | 70-130 | | | | |
| Styrene | 9.89 | | " | 10.0 | | 98.9 | 70-130 | | | | |
| Tetrachloroethylene | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |
| Tetrahydrofuran | 9.34 | | " | 10.0 | | 93.4 | 70-130 | | | | |
| Toluene | 9.25 | | " | 10.0 | | 92.5 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Trichloroethylene | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 13.3 | | " | 10.0 | | 133 | 70-130 | High Bias | | | |
| Vinyl acetate | 7.58 | | " | 10.0 | | 75.8 | 70-130 | | | | |
| Vinyl bromide | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Vinyl Chloride | 9.07 | | " | 10.0 | | 90.7 | 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 BH40767 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BH40767-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 07/31/2024 | | |
| 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 | 0.618 | 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 | ND | 0.492 | " | | | | | | | | |
| Methyl Methacrylate | ND | 0.409 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.361 | " | | | | | | | | |
| Methylene chloride | ND | 0.695 | " | | | | | | | | |
| Naphthalene | ND | 1.05 | " | | | | | | | | |
| 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 BH40767 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BH40767-BLK1)** Blank | | | | | | | | Prepared & Analyzed: 07/31/2024 | | | |
| 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 (BH40767-BS1)** LCS | | | | | | | | Prepared & Analyzed: 07/31/2024 | | | |
| 1,1,1,2-Tetrachloroethane | 9.11 | | ppbv | 10.0 | | 91.1 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 9.01 | | " | 10.0 | | 90.1 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 8.95 | | " | 10.0 | | 89.5 | 70-130 | | | | |
| 1,1-Dichloroethane | 9.61 | | " | 10.0 | | 96.1 | 70-130 | | | | |
| 1,1-Dichloroethylene | 9.39 | | " | 10.0 | | 93.9 | 70-130 | | | | |
| 1,2,4-Trichlorobenzene | 7.70 | | " | 10.0 | | 77.0 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 1,2-Dibromoethane | 8.94 | | " | 10.0 | | 89.4 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 9.21 | | " | 10.0 | | 92.1 | 70-130 | | | | |
| 1,2-Dichloroethane | 9.98 | | " | 10.0 | | 99.8 | 70-130 | | | | |
| 1,2-Dichloropropane | 8.49 | | " | 10.0 | | 84.9 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 9.73 | | " | 10.0 | | 97.3 | 70-130 | | | | |
| 1,3,5-Trimethylbenzene | 9.89 | | " | 10.0 | | 98.9 | 70-130 | | | | |
| 1,3-Butadiene | 8.76 | | " | 10.0 | | 87.6 | 70-130 | | | | |
| 1,3-Dichlorobenzene | 9.44 | | " | 10.0 | | 94.4 | 70-130 | | | | |
| 1,3-Dichloropropane | 8.53 | | " | 10.0 | | 85.3 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 9.18 | | " | 10.0 | | 91.8 | 70-130 | | | | |
| 1,4-Dioxane | 9.22 | | " | 10.0 | | 92.2 | 70-130 | | | | |
| 2-Butanone | 9.55 | | " | 10.0 | | 95.5 | 70-130 | | | | |
| 2-Hexanone | 9.55 | | " | 10.0 | | 95.5 | 70-130 | | | | |
| 3-Chloropropene | 9.59 | | " | 10.0 | | 95.9 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 8.52 | | " | 10.0 | | 85.2 | 70-130 | | | | |
| Acetone | 7.13 | | " | 10.0 | | 71.3 | 70-130 | | | | |
| Acrylonitrile | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| Benzene | 9.77 | | " | 10.0 | | 97.7 | 70-130 | | | | |
| Benzyl chloride | 8.92 | | " | 10.0 | | 89.2 | 70-130 | | | | |
| Bromodichloromethane | 9.00 | | " | 10.0 | | 90.0 | 70-130 | | | | |
| Bromoform | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Bromomethane | 8.76 | | " | 10.0 | | 87.6 | 70-130 | | | | |
| Carbon disulfide | 9.85 | | " | 10.0 | | 98.5 | 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 BH40767 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BH40767-BS1)** LCS | | | | | | | Prepared & Analyzed: 07/31/2024 | | | | |
| Chlorobenzene | 8.77 | | ppbv | 10.0 | | 87.7 | 70-130 | | | | |
| Chloroethane | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Chloroform | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Chloromethane | 9.62 | | " | 10.0 | | 96.2 | 70-130 | | | | |
| cis-1,2-Dichloroethylene | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 8.80 | | " | 10.0 | | 88.0 | 70-130 | | | | |
| Cyclohexane | 9.62 | | " | 10.0 | | 96.2 | 70-130 | | | | |
| Dibromochloromethane | 9.47 | | " | 10.0 | | 94.7 | 70-130 | | | | |
| Dichlorodifluoromethane | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| Ethyl acetate | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Ethyl Benzene | 9.00 | | " | 10.0 | | 90.0 | 70-130 | | | | |
| Hexachlorobutadiene | 8.33 | | " | 10.0 | | 83.3 | 70-130 | | | | |
| Isopropanol | 9.42 | | " | 10.0 | | 94.2 | 70-130 | | | | |
| Methyl Methacrylate | 8.82 | | " | 10.0 | | 88.2 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| Methylene chloride | 9.29 | | " | 10.0 | | 92.9 | 70-130 | | | | |
| Naphthalene | 7.97 | | " | 10.0 | | 79.7 | 70-130 | | | | |
| n-Heptane | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| n-Hexane | 9.81 | | " | 10.0 | | 98.1 | 70-130 | | | | |
| o-Xylene | 9.25 | | " | 10.0 | | 92.5 | 70-130 | | | | |
| p- & m- Xylenes | 18.6 | | " | 20.0 | | 93.0 | 70-130 | | | | |
| p-Ethyltoluene | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| Propylene | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| Styrene | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Tetrachloroethylene | 9.55 | | " | 10.0 | | 95.5 | 70-130 | | | | |
| Tetrahydrofuran | 9.47 | | " | 10.0 | | 94.7 | 70-130 | | | | |
| Toluene | 8.26 | | " | 10.0 | | 82.6 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 9.93 | | " | 10.0 | | 99.3 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 9.03 | | " | 10.0 | | 90.3 | 70-130 | | | | |
| Trichloroethylene | 7.83 | | " | 10.0 | | 78.3 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| Vinyl acetate | 7.30 | | " | 10.0 | | 73.0 | 70-130 | | | | |
| Vinyl bromide | 11.3 | | " | 10.0 | | 113 | 70-130 | | | | |
| Vinyl Chloride | 10.6 | | " | 10.0 | | 106 | 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 BH40831 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BH40831-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 08/10/2024 | | |
| 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 | ND | 0.492 | " | | | | | | | | |
| Methyl Methacrylate | ND | 0.409 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.361 | " | | | | | | | | |
| Methylene chloride | ND | 0.695 | " | | | | | | | | |
| Naphthalene | ND | 1.05 | " | | | | | | | | |
| 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 BH40831 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BH40831-BLK1)** Blank | | | | | | | | Prepared & Analyzed: 08/10/2024 | | | |
| 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 (BH40831-BS1)** LCS | | | | | | | | Prepared & Analyzed: 08/10/2024 | | | |
| 1,1,1,2-Tetrachloroethane | 13.0 | | ppbv | 10.0 | | 130 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 18.5 | | " | 10.0 | | 185 | 70-130 | High Bias | | | |
| 1,1,2,2-Tetrachloroethane | 10.0 | | " | 10.0 | | 100 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 13.9 | | " | 10.0 | | 139 | 70-130 | High Bias | | | |
| 1,1,2-Trichloroethane | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| 1,1-Dichloroethane | 12.2 | | " | 10.0 | | 122 | 70-130 | | | | |
| 1,1-Dichloroethylene | 13.6 | | " | 10.0 | | 136 | 70-130 | High Bias | | | |
| 1,2,4-Trichlorobenzene | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 12.5 | | " | 10.0 | | 125 | 70-130 | | | | |
| 1,2-Dibromoethane | 12.4 | | " | 10.0 | | 124 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 12.6 | | " | 10.0 | | 126 | 70-130 | | | | |
| 1,2-Dichloroethane | 13.9 | | " | 10.0 | | 139 | 70-130 | High Bias | | | |
| 1,2-Dichloropropane | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 13.6 | | " | 10.0 | | 136 | 70-130 | High Bias | | | |
| 1,3,5-Trimethylbenzene | 12.3 | | " | 10.0 | | 123 | 70-130 | | | | |
| 1,3-Butadiene | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| 1,3-Dichlorobenzene | 12.7 | | " | 10.0 | | 127 | 70-130 | | | | |
| 1,3-Dichloropropane | 10.9 | | " | 10.0 | | 109 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 12.8 | | " | 10.0 | | 128 | 70-130 | | | | |
| 1,4-Dioxane | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 2-Butanone | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 2-Hexanone | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 3-Chloropropene | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 9.62 | | " | 10.0 | | 96.2 | 70-130 | | | | |
| Acetone | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| Acrylonitrile | 12.0 | | " | 10.0 | | 120 | 70-130 | | | | |
| Benzene | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |
| Benzyl chloride | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| Bromodichloromethane | 14.0 | | " | 10.0 | | 140 | 70-130 | High Bias | | | |
| Bromoform | 14.4 | | " | 10.0 | | 144 | 70-130 | High Bias | | | |
| Bromomethane | 12.2 | | " | 10.0 | | 122 | 70-130 | | | | |
| Carbon disulfide | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| Carbon tetrachloride | 19.9 | | " | 10.0 | | 199 | 70-130 | High Bias | | | |

## 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 BH40831 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BH40831-BS1)** LCS | | | | | | | | Prepared & Analyzed: 08/10/2024 | | | |
| Chlorobenzene | 10.8 | | ppbv | 10.0 | | 108 | 70-130 | | | | |
| Chloroethane | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Chloroform | 15.2 | | " | 10.0 | | 152 | 70-130 | High Bias | | | |
| Chloromethane | 8.16 | | " | 10.0 | | 81.6 | 70-130 | | | | |
| cis-1,2-Dichloroethylene | 12.4 | | " | 10.0 | | 124 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| Cyclohexane | 12.3 | | " | 10.0 | | 123 | 70-130 | | | | |
| Dibromochloromethane | 14.6 | | " | 10.0 | | 146 | 70-130 | High Bias | | | |
| Dichlorodifluoromethane | 17.1 | | " | 10.0 | | 171 | 70-130 | High Bias | | | |
| Ethyl acetate | 12.3 | | " | 10.0 | | 123 | 70-130 | | | | |
| Ethyl Benzene | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Hexachlorobutadiene | 15.9 | | " | 10.0 | | 159 | 70-130 | High Bias | | | |
| Isopropanol | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Methyl Methacrylate | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 14.2 | | " | 10.0 | | 142 | 70-130 | High Bias | | | |
| Methylene chloride | 9.97 | | " | 10.0 | | 99.7 | 70-130 | | | | |
| Naphthalene | 13.9 | | " | 10.0 | | 139 | 70-130 | High Bias | | | |
| n-Heptane | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| n-Hexane | 12.2 | | " | 10.0 | | 122 | 70-130 | | | | |
| o-Xylene | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| p- & m- Xylenes | 23.3 | | " | 20.0 | | 117 | 70-130 | | | | |
| p-Ethyltoluene | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| Propylene | 10.1 | | " | 10.0 | | 101 | 70-130 | | | | |
| Styrene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Tetrachloroethylene | 13.5 | | " | 10.0 | | 135 | 70-130 | High Bias | | | |
| Tetrahydrofuran | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| Toluene | 10.8 | | " | 10.0 | | 108 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 13.1 | | " | 10.0 | | 131 | 70-130 | High Bias | | | |
| trans-1,3-Dichloropropylene | 12.7 | | " | 10.0 | | 127 | 70-130 | | | | |
| Trichloroethylene | 12.1 | | " | 10.0 | | 121 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 19.1 | | " | 10.0 | | 191 | 70-130 | High Bias | | | |
| Vinyl acetate | 7.91 | | " | 10.0 | | 79.1 | 70-130 | | | | |
| Vinyl bromide | 13.2 | | " | 10.0 | | 132 | 70-130 | High Bias | | | |
| Vinyl Chloride | 10.0 | | " | 10.0 | | 100 | 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 BH40934 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BH40934-BLK1)** Blank | | | | | | | | | Prepared & Analyzed: 08/13/2024 | | |
| 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 | 0.590 | 0.295 | " | | | | | | | | |
| 2-Hexanone | ND | 0.819 | " | | | | | | | | |
| 3-Chloropropene | ND | 1.57 | " | | | | | | | | |
| 4-Methyl-2-pentanone | ND | 0.410 | " | | | | | | | | |
| Acetone | 0.689 | 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 | 0.565 | 0.492 | " | | | | | | | | |
| Methyl Methacrylate | ND | 0.409 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.361 | " | | | | | | | | |
| Methylene chloride | ND | 0.695 | " | | | | | | | | |
| Naphthalene | ND | 1.05 | " | | | | | | | | |
| 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 BH40934 - EPA TO15 PREP** | | | | | | | | | | | |
| **Blank (BH40934-BLK1)** Blank | | | | | | | | Prepared & Analyzed: 08/13/2024 | | | |
| 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 (BH40934-BS1)** LCS | | | | | | | | Prepared & Analyzed: 08/13/2024 | | | |
| 1,1,1,2-Tetrachloroethane | 12.1 | | ppbv | 10.0 | | 121 | 70-130 | | | | |
| 1,1,1-Trichloroethane | 17.9 | | " | 10.0 | | 179 | 70-130 | High Bias | | | |
| 1,1,2,2-Tetrachloroethane | 9.39 | | " | 10.0 | | 93.9 | 70-130 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 13.5 | | " | 10.0 | | 135 | 70-130 | High Bias | | | |
| 1,1,2-Trichloroethane | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| 1,1-Dichloroethane | 12.2 | | " | 10.0 | | 122 | 70-130 | | | | |
| 1,1-Dichloroethylene | 13.4 | | " | 10.0 | | 134 | 70-130 | High Bias | | | |
| 1,2,4-Trichlorobenzene | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| 1,2,4-Trimethylbenzene | 11.7 | | " | 10.0 | | 117 | 70-130 | | | | |
| 1,2-Dibromoethane | 11.8 | | " | 10.0 | | 118 | 70-130 | | | | |
| 1,2-Dichlorobenzene | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| 1,2-Dichloroethane | 13.8 | | " | 10.0 | | 138 | 70-130 | High Bias | | | |
| 1,2-Dichloropropane | 9.32 | | " | 10.0 | | 93.2 | 70-130 | | | | |
| 1,2-Dichlorotetrafluoroethane | 13.3 | | " | 10.0 | | 133 | 70-130 | High Bias | | | |
| 1,3,5-Trimethylbenzene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| 1,3-Butadiene | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| 1,3-Dichlorobenzene | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| 1,3-Dichloropropane | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| 1,4-Dichlorobenzene | 12.1 | | " | 10.0 | | 121 | 70-130 | | | | |
| 1,4-Dioxane | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| 2-Butanone | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| 2-Hexanone | 9.60 | | " | 10.0 | | 96.0 | 70-130 | | | | |
| 3-Chloropropene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| 4-Methyl-2-pentanone | 8.96 | | " | 10.0 | | 89.6 | 70-130 | | | | |
| Acetone | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| Acrylonitrile | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| Benzene | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Benzyl chloride | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| Bromodichloromethane | 13.0 | | " | 10.0 | | 130 | 70-130 | | | | |
| Bromoform | 13.7 | | " | 10.0 | | 137 | 70-130 | High Bias | | | |
| Bromomethane | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Carbon disulfide | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Carbon tetrachloride | 19.6 | | " | 10.0 | | 196 | 70-130 | High Bias | | | |

## 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 BH40934 - EPA TO15 PREP** | | | | | | | | | | | |
| **LCS (BH40934-BS1)** LCS | | | | | | | | Prepared & Analyzed: 08/13/2024 | | | |
| Chlorobenzene | 10.0 | | ppbv | 10.0 | | 100 | 70-130 | | | | |
| Chloroethane | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Chloroform | 14.8 | | " | 10.0 | | 148 | 70-130 | High Bias | | | |
| Chloromethane | 7.55 | | " | 10.0 | | 75.5 | 70-130 | | | | |
| cis-1,2-Dichloroethylene | 12.1 | | " | 10.0 | | 121 | 70-130 | | | | |
| cis-1,3-Dichloropropylene | 10.6 | | " | 10.0 | | 106 | 70-130 | | | | |
| Cyclohexane | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| Dibromochloromethane | 13.9 | | " | 10.0 | | 139 | 70-130 | High Bias | | | |
| Dichlorodifluoromethane | 16.1 | | " | 10.0 | | 161 | 70-130 | High Bias | | | |
| Ethyl acetate | 10.5 | | " | 10.0 | | 105 | 70-130 | | | | |
| Ethyl Benzene | 10.4 | | " | 10.0 | | 104 | 70-130 | | | | |
| Hexachlorobutadiene | 15.2 | | " | 10.0 | | 152 | 70-130 | High Bias | | | |
| Isopropanol | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| Methyl Methacrylate | 9.79 | | " | 10.0 | | 97.9 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 13.9 | | " | 10.0 | | 139 | 70-130 | High Bias | | | |
| Methylene chloride | 9.38 | | " | 10.0 | | 93.8 | 70-130 | | | | |
| Naphthalene | 13.6 | | " | 10.0 | | 136 | 70-130 | High Bias | | | |
| n-Heptane | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| n-Hexane | 11.6 | | " | 10.0 | | 116 | 70-130 | | | | |
| o-Xylene | 11.0 | | " | 10.0 | | 110 | 70-130 | | | | |
| p- & m- Xylenes | 21.8 | | " | 20.0 | | 109 | 70-130 | | | | |
| p-Ethyltoluene | 11.2 | | " | 10.0 | | 112 | 70-130 | | | | |
| Propylene | 8.69 | | " | 10.0 | | 86.9 | 70-130 | | | | |
| Styrene | 10.7 | | " | 10.0 | | 107 | 70-130 | | | | |
| Tetrachloroethylene | 12.8 | | " | 10.0 | | 128 | 70-130 | | | | |
| Tetrahydrofuran | 9.98 | | " | 10.0 | | 99.8 | 70-130 | | | | |
| Toluene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| trans-1,2-Dichloroethylene | 12.8 | | " | 10.0 | | 128 | 70-130 | | | | |
| trans-1,3-Dichloropropylene | 11.9 | | " | 10.0 | | 119 | 70-130 | | | | |
| Trichloroethylene | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Trichlorofluoromethane (Freon 11) | 18.1 | | " | 10.0 | | 181 | 70-130 | High Bias | | | |
| Vinyl acetate | 10.3 | | " | 10.0 | | 103 | 70-130 | | | | |
| Vinyl bromide | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| Vinyl Chloride | 9.22 | | " | 10.0 | | 92.2 | 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 BH40934 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BH40934-DUP1)** Duplicate | *Source sample: 24H0465-04 (C241175_IA06_080624) | | | | | | | | Prepared & Analyzed: 08/13/2024 | | |
| 1,1,1,2-Tetrachloroethane | ND | 0.641 | ug/m³ | | ND | | | | | 25 | |
| 1,1,1-Trichloroethane | 1.22 | 0.510 | " | | 0.663 | | | | 59.5 | 25 | Non-dir. |
| 1,1,2,2-Tetrachloroethane | ND | 0.641 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 0.716 | 0.716 | " | | ND | | | | | 25 | |
| 1,1,2-Trichloroethane | ND | 0.510 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethane | ND | 0.378 | " | | ND | | | | | 25 | |
| 1,1-Dichloroethylene | ND | 0.185 | " | | ND | | | | | 25 | |
| 1,2,4-Trichlorobenzene | 0.970 | 0.693 | " | | 1.25 | | | | 25.0 | 25 | |
| 1,2,4-Trimethylbenzene | 3.44 | 0.459 | " | | 3.21 | | | | 6.90 | 25 | |
| 1,2-Dibromoethane | ND | 0.718 | " | | ND | | | | | 25 | |
| 1,2-Dichlorobenzene | ND | 0.562 | " | | ND | | | | | 25 | |
| 1,2-Dichloroethane | ND | 0.378 | " | | ND | | | | | 25 | |
| 1,2-Dichloropropane | ND | 0.432 | " | | ND | | | | | 25 | |
| 1,2-Dichlorotetrafluoroethane | 1.04 | 0.653 | " | | ND | | | | | 25 | |
| 1,3,5-Trimethylbenzene | 1.24 | 0.459 | " | | 1.06 | | | | 16.0 | 25 | |
| 1,3-Butadiene | ND | 0.620 | " | | ND | | | | | 25 | |
| 1,3-Dichlorobenzene | ND | 0.562 | " | | 0.393 | | | | | 25 | |
| 1,3-Dichloropropane | ND | 0.432 | " | | ND | | | | | 25 | |
| 1,4-Dichlorobenzene | 0.674 | 0.562 | " | | 0.786 | | | | 15.4 | 25 | |
| 1,4-Dioxane | ND | 0.673 | " | | ND | | | | | 25 | |
| 2-Butanone | 3.58 | 0.275 | " | | 3.86 | | | | 7.41 | 25 | |
| 2-Hexanone | 0.957 | 0.765 | " | | 1.15 | | | | 18.2 | 25 | |
| 3-Chloropropene | ND | 1.46 | " | | ND | | | | | 25 | |
| 4-Methyl-2-pentanone | 0.421 | 0.383 | " | | 0.574 | | | | 30.8 | 25 | Non-dir. |
| Acetone | 98.8 | 0.444 | " | | 94.8 | | | | 4.17 | 25 | |
| Acrylonitrile | ND | 0.203 | " | | ND | | | | | 25 | |
| Benzene | 0.806 | 0.298 | " | | 0.746 | | | | 7.69 | 25 | |
| Benzyl chloride | 1.06 | 0.484 | " | | 1.11 | | | | 4.44 | 25 | |
| Bromodichloromethane | ND | 0.626 | " | | ND | | | | | 25 | |
| Bromoform | ND | 0.965 | " | | ND | | | | | 25 | |
| Bromomethane | ND | 0.363 | " | | ND | | | | | 25 | |
| Carbon disulfide | ND | 0.291 | " | | ND | | | | | 25 | |
| Carbon tetrachloride | 0.999 | 0.147 | " | | 0.529 | | | | 61.5 | 25 | Non-dir. |
| Chlorobenzene | ND | 0.430 | " | | ND | | | | | 25 | |
| Chloroethane | ND | 0.246 | " | | ND | | | | | 25 | |
| Chloroform | 0.638 | 0.456 | " | | 0.456 | | | | 33.3 | 25 | Non-dir. |
| Chloromethane | 1.10 | 0.193 | " | | 1.49 | | | | 29.9 | 25 | Non-dir. |
| cis-1,2-Dichloroethylene | ND | 0.185 | " | | ND | | | | | 25 | |
| cis-1,3-Dichloropropylene | ND | 0.424 | " | | ND | | | | | 25 | |
| Cyclohexane | 0.354 | 0.321 | " | | 0.289 | | | | 20.0 | 25 | |
| Dibromochloromethane | ND | 0.796 | " | | ND | | | | | 25 | |
| Dichlorodifluoromethane | 4.25 | 0.462 | " | | 2.82 | | | | 40.5 | 25 | Non-dir. |
| Ethyl acetate | 1.45 | 0.673 | " | | 1.51 | | | | 4.55 | 25 | |
| Ethyl Benzene | 0.811 | 0.406 | " | | 0.811 | | | | 0.00 | 25 | |
| Hexachlorobutadiene | ND | 0.996 | " | | ND | | | | | 25 | |
| Isopropanol | 78.4 | 0.459 | " | | 80.7 | | | | 2.88 | 25 | |
| Methyl Methacrylate | 0.382 | 0.382 | " | | 0.306 | | | | 22.2 | 25 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.337 | " | | ND | | | | | 25 | |
| Methylene chloride | 1.30 | 0.649 | " | | 1.30 | | | | 0.00 | 25 | |
| Naphthalene | 3.13 | 0.979 | " | | 4.06 | | | | 25.9 | 25 | Non-dir. |
| n-Heptane | 0.651 | 0.383 | " | | 0.689 | | | | 5.71 | 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 BH40934 - EPA TO15 PREP** | | | | | | | | | | | |
| **Duplicate (BH40934-DUP1)** Duplicate | *Source sample: 24H0465-04 (C241175_IA06_080624) | | | | | | | | Prepared & Analyzed: 08/13/2024 | | |
| n-Hexane | 1.65 | 0.329 | ug/m³ | | 1.51 | | | | 8.33 | 25 | |
| o-Xylene | 1.14 | 0.406 | " | | 1.01 | | | | 11.3 | 25 | |
| p- & m- Xylenes | 2.47 | 0.811 | " | | 2.27 | | | | 8.55 | 25 | |
| p-Ethyltoluene | 2.76 | 0.459 | " | | 2.53 | | | | 8.70 | 25 | |
| Propylene | ND | 0.161 | " | | 1.45 | | | | | 25 | |
| Styrene | 0.318 | 0.398 | " | | 0.358 | | | | 11.8 | 25 | |
| Tetrachloroethylene | 0.507 | 0.633 | " | | 0.443 | | | | 13.3 | 25 | |
| Tetrahydrofuran | ND | 0.551 | " | | ND | | | | | 25 | |
| Toluene | 3.24 | 0.352 | " | | 3.34 | | | | 3.21 | 25 | |
| trans-1,2-Dichloroethylene | ND | 0.370 | " | | ND | | | | | 25 | |
| trans-1,3-Dichloropropylene | ND | 0.424 | " | | ND | | | | | 25 | |
| Trichloroethylene | 0.201 | 0.125 | " | | 0.201 | | | | 0.00 | 25 | |
| Trichlorofluoromethane (Freon 11) | 2.68 | 0.525 | " | | 1.42 | | | | 61.5 | 25 | Non-dir. |
| Vinyl acetate | ND | 0.329 | " | | ND | | | | | 25 | |
| Vinyl bromide | ND | 0.409 | " | | ND | | | | | 25 | |
| Vinyl Chloride | ND | 0.119 | " | | ND | | | | | 25 | |

## Sample and Data Qualifiers Relating to This Work Order

| | |
|---|---|
| TO-LCS-H | The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% 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). |
| ICVE | The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value). |
| 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.

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# Field Chain-of-Custody Record - AIR

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615
132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

**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. 24H0465



| YOUR Information | Report To: | Invoice To: |
|---|---|---|
| Company: Langan, DPC | Company: | Company: |
| Address: 300 W 31st St 7th Fl, New York, NY | Address: | Address: > SAME |
| Phone.: 212-479-5400 | Phone.: | Phone.: |
| Contact: Roswell Lo | Contact: | Contact: |
| E-mail: RLO@LANGAN.COM | E-mail: | E-mail: |

**YOUR Project Number:** 170340204

**YOUR Project Name:** ABC Block 27 Lot 17

**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.*

Roswell Lo

Samples Collected by: (print your name above and sign below)

RLL 2r

**Air Matrix Codes**

- AI - Indoor Ambient Air
- AO - Outdoor Amb. Air
- AE - Vapor Extraction Well/ Process Gas/Effluent
- AS - Soil Vapor/Sub-Slab

**Samples From**

- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

**Report / EDD Type** (circle selections)

- Summary Report
- 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 ___ 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 |
|---|---|---|---|---|---|---|---|
| C241175_SSPP03_080624 | 08/06/24 09:10 | AS | -30 | -9 | 17353 | 19410 | TO-15 VOC's |
| C241175_1A03_080624 | 09:08 | AI | -30 | -8 | 16975 | 7094 | |
| C241175_SSV04_080624 | 09:13 | AS | -30 | -9 | 43000 | 19425 | |
| C241175_1A06_080624 | 09:12 | AI | -30 | -7 | 41938 | 20427 | |
| C241175_SSPP04_080624 | 09:18 | AS | -32 | -10 | 23195 | 17179 | |
| C241175_1A04_080624 | 09:17 | AI | -30 | -8 | 15524 | 19426 | |
| C241175_SSPP01_080624 | 09:16 | AS | -30 | -6 | 17348 | 19416 | |
| C241175_1A01_080624 | 09:15 | AI | -31 | -8 | 49569 | 20438 | |
| C241175_SSPP02_080624 | 09:20 | AS | -29 | -8 | 18309 | 17899 | |
| C241175_FA02_080624 | 09:19 | AI | -32 | -8 | 30997 | 17985 | |

**Comments:** Please copy: DATAMANAGEMENT@LANGAN.com + GWYKA@LANGAN.COM

**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 |
|---|---|---|---|---|---|
| Roswell Lo / Langan | 8/7/24 | [illegible] | 8/7/24 14 | [illegible] | 8/7/24 1635 |
| 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 |
| | | | | LyK | 8/7/24 1635 |

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

# Field Chain-of-Custody Record - AIR

**NOTE:** YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24H0465



| YOUR Information | Report To: | Invoice To: |
|---|---|---|
| Company: Langan DPC | Company: | Company: |
| Address: 360 W 31st Street 7th fl New York, NY | Address: SAME | Address: |
| Phone.: 212-479-5400 | Phone.: | Phone.: |
| Contact: Roswell Lo | Contact: | Contact: |
| E-mail: RLO@LANGAN.COM | E-mail: | E-mail: |

YOUR Project Number: 170340204

YOUR Project Name: ABC Block 2760 Lot 27

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.*

Roswell Lo

Samples Collected by: (print your name above and sign below)

**Air Matrix Codes**

AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

**Samples From**

| | |
|---|---|
| New York | X |
| New Jersey | |
| Connecticut | |
| Pennsylvania | |
| Other | |

**Report / EDD Type** (circle selections)

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

**YORK Reg. Comp.**

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

**Certified Canisters:** Batch ___ Individual ___

**Please enter the following REQUIRED Field Data**

**Reporting Units:** ug/m³ ___ ppbv ___ ppmv ___

| Sample Identification | Date/Time Sampled | Air Matrix | Canister Vacuum Before Sampling (in Hg) | Canister Vacuum After Sampling (in Hg) | Canister ID | Flow Cont. ID | Analysis Requested |
|---|---|---|---|---|---|---|---|
| C241175-SSPP05-080624 | AS | 08/06/24 9:24 | -30 | -10 | 37805 | 19403 | TO-15 |
| C241175-~~SSPP~~1A05-080624 | AI | 09:23 | -32 | -8 | 48319 | 19385 | ↓ |
| C241175-AA02-080624 | AO | 09:29 | -31 | -9 | 30995 | 19394 | |

**Detection Limits Required**

≤ 1 ug/m³ ___ NYSDEC V1 Limits ___
Routine Survey ___ Other ___

**Sampling Media**

| | |
|---|---|
| 6 Liter Canister | X |
| Tedlar Bag | |

**Comments:** Please copy: DATAMANAGEMENT@LANGAN.COM, GWYKA@LANGAN.COM

| Samples Relinquished by / Company | Date/Time | Samples Received by / Company | Date/Time | Samples Relinquished by / Company | Date/Time |
|---|---|---|---|---|---|
| Roswell Lo / Langan | 8/7/24 | | 8/7/24 14 | | 8/7/24 1655 |
| 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 |
| | | | | | 8/7/24 1655 |

**ATTACHMENT E**

**PHOTOGRAPHIC LOG**

**ATTACHMENT E**

**PHOTOGRAPHIC LOG**

**Photographic Log**

Photo 1 (12/14/2023): View of the Lot 4 cellar composite system cover system

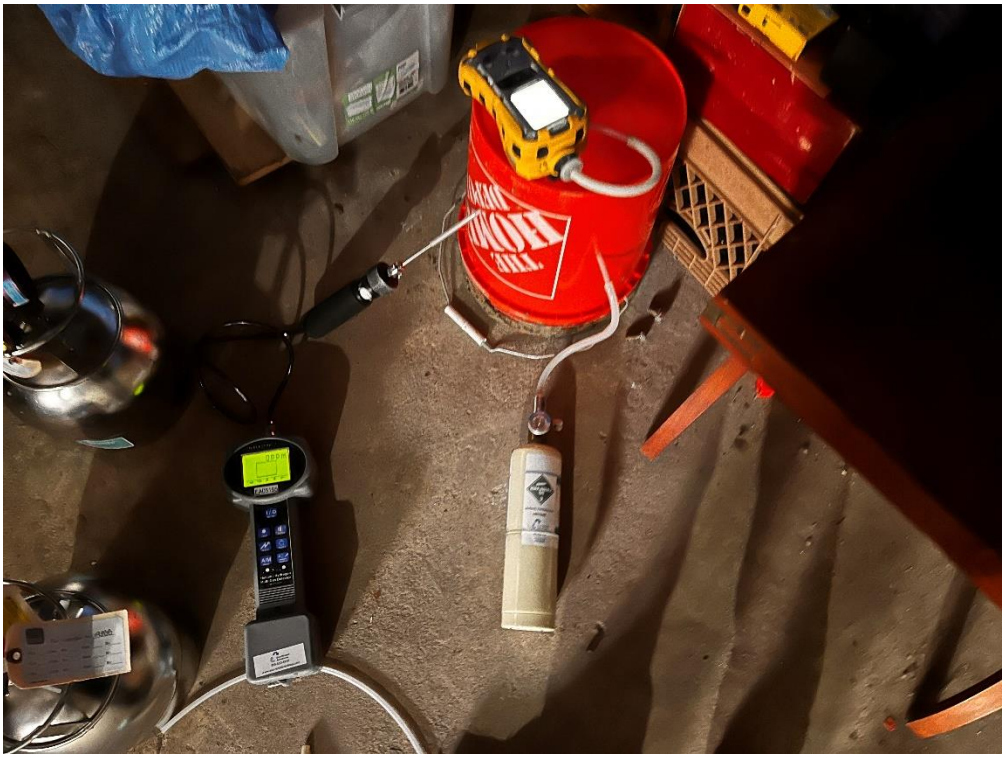

Photo 2 (12/14/2023): View of helium tracer test at sub-slab vapor point SSV08

Photo 3 (12/14/2023): View of sub-slab vapor sampling at Lot 4

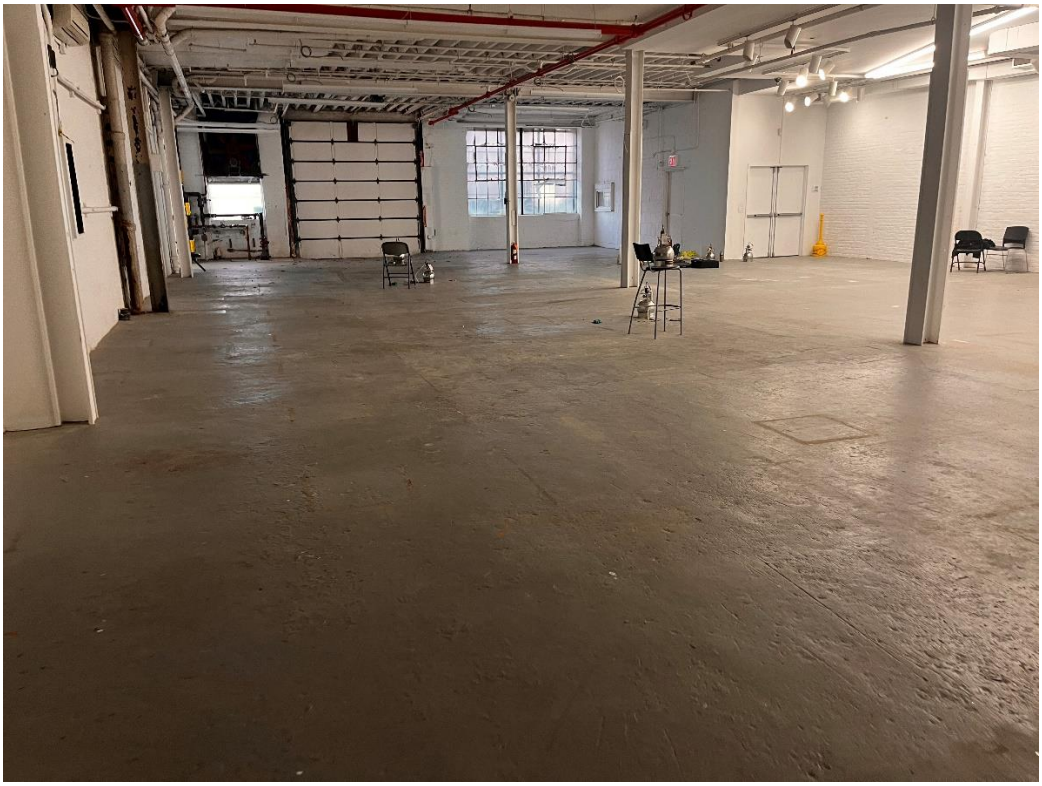

Photo 4 (12/14/2023): View of the composite cover system at Lot 17

Photo 5 (8/07/2024): View of the composite cover system at Lot 17

Photo 6 (8/06/2024): View of helium tracer test at sub-slab vapor point SSPP02

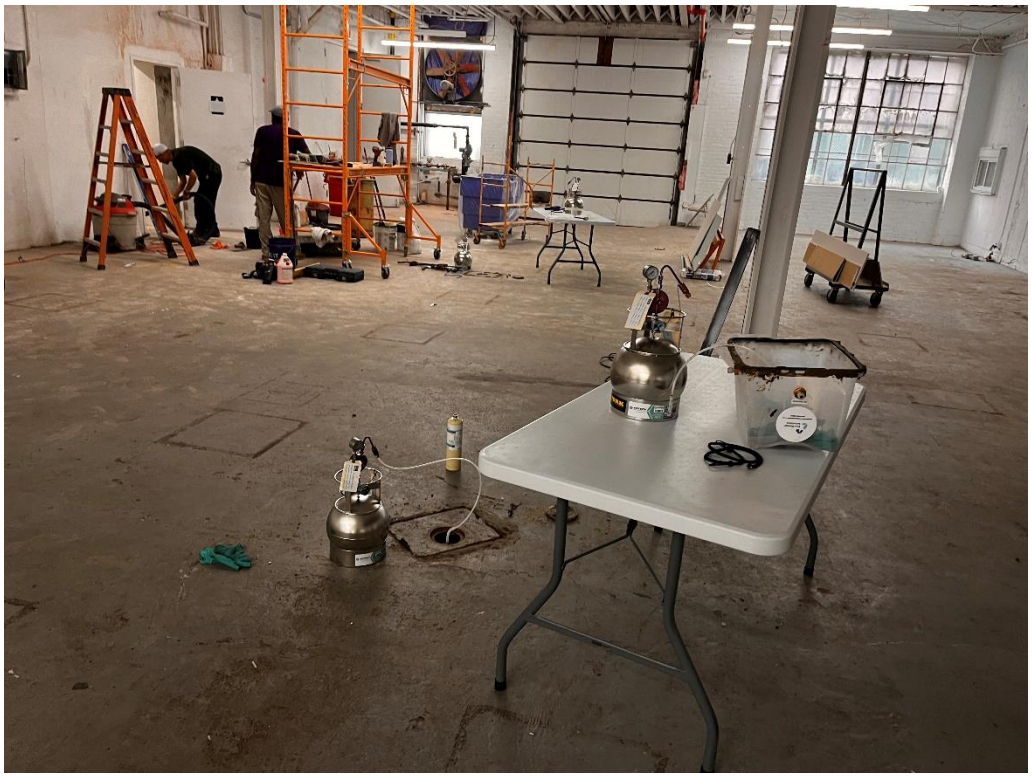

Photo 7 (8/06/2024): View of sub-slab vapor and indoor air sampling at Lot 17

Photo 8 (12/14/2023): View of sub-slab vapor and indoor air sampling at Lot 17

Photo 9 (08/06/2024): View of sub-slab vapor and indoor air sampling at Lot 17

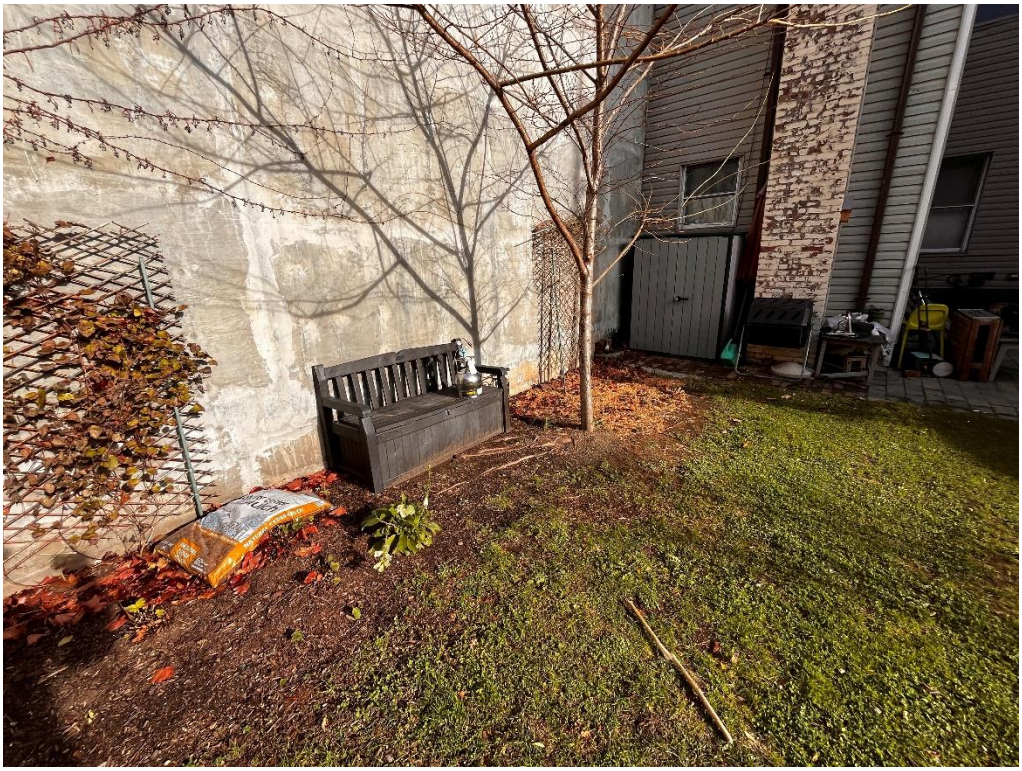

Photo 10 (12/14/2023): View of the Lot 4 rear yard composite cover system

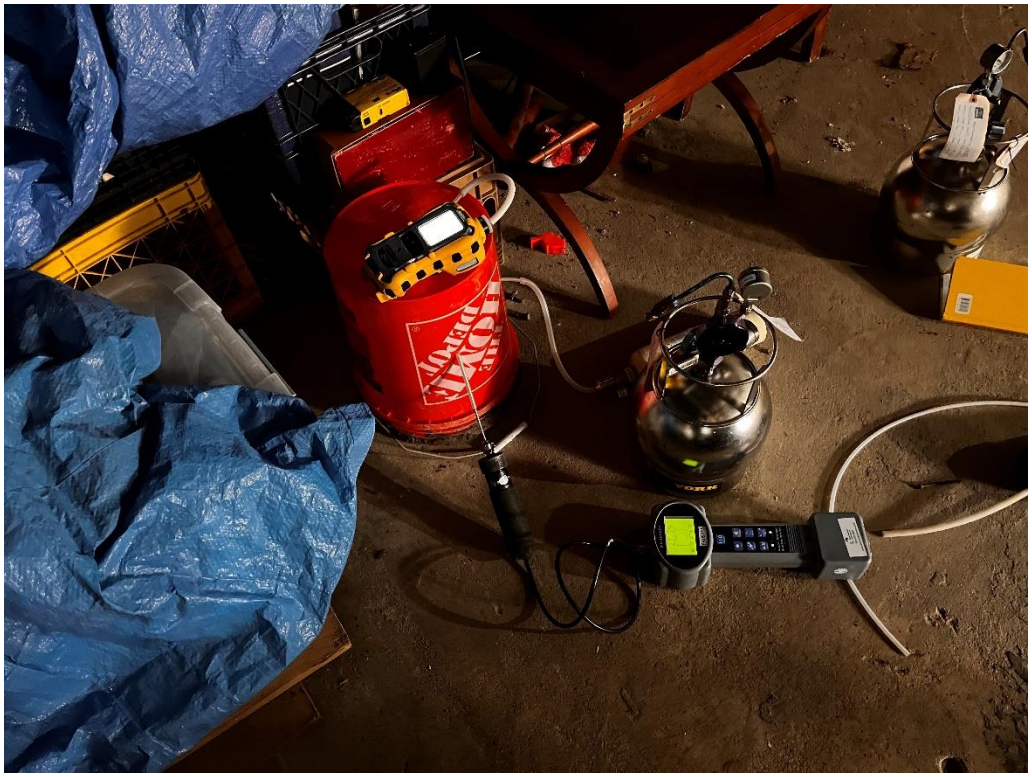

Photo 11 (12/14/2023): View of helium tracer test at sub-slab vapor point SSV08

Photo 12 (12/14/2023): View of sub-slab vapor and indoor air sampling at Lot 4

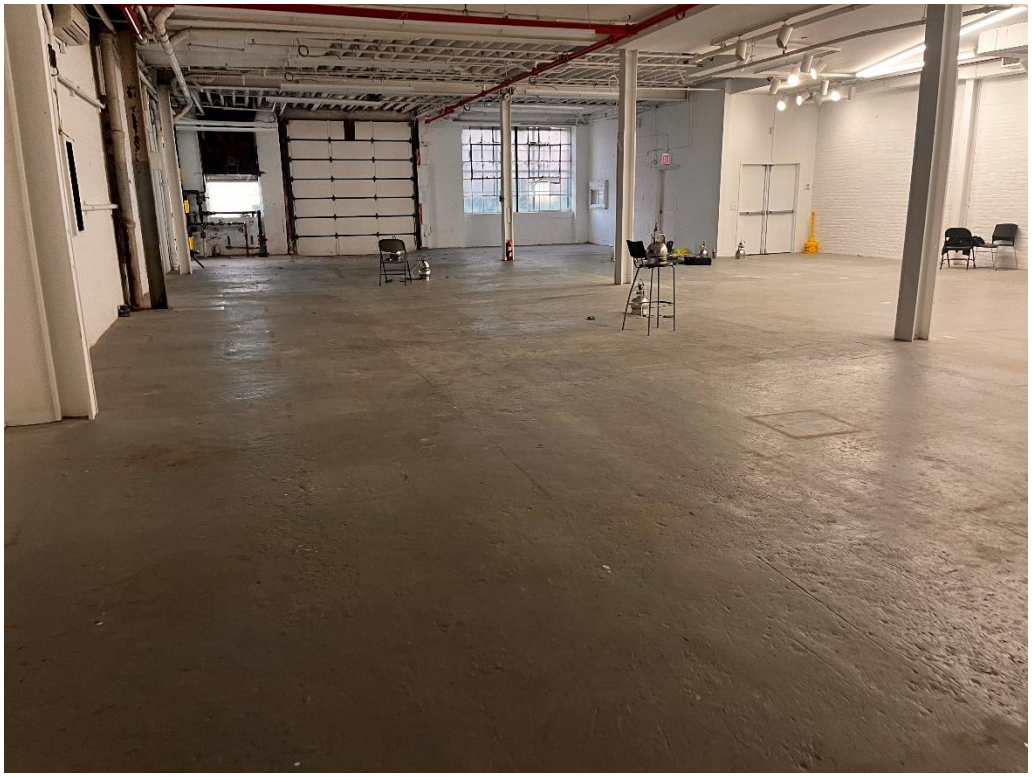

Photo 13 (12/14/2023): View of the composite cover system at Lot 17

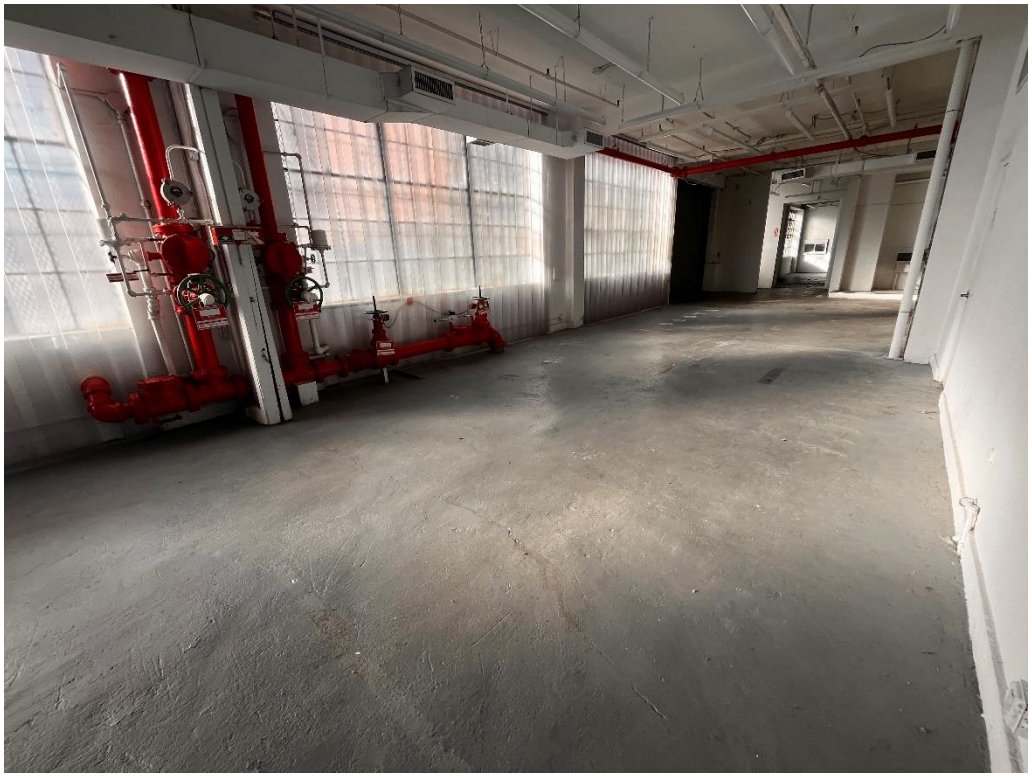

Photo 14 (12/15/2023): View of the composite cover system at Lot 17

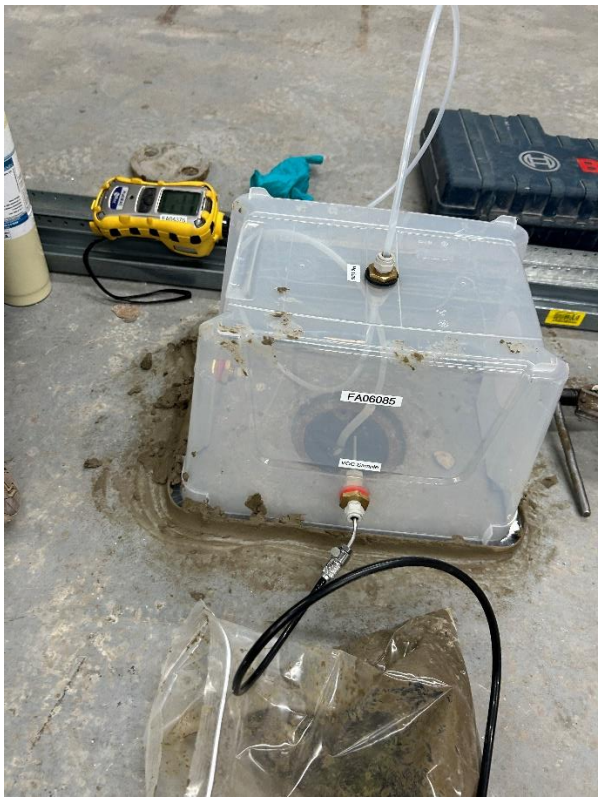


Photo 15 (08/05/2024): View of helium tracer test at sub-slab vapor point SSPP01

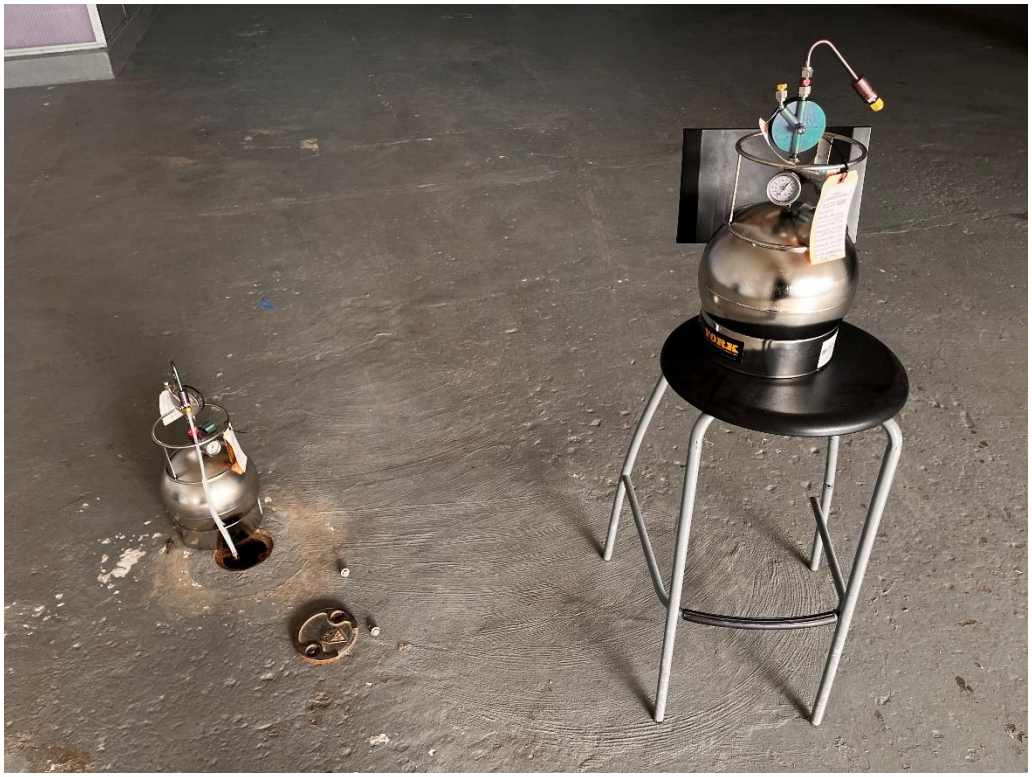

Photo 16 (12/14/2023): View of sub-slab vapor and indoor air sampling at Lot 17

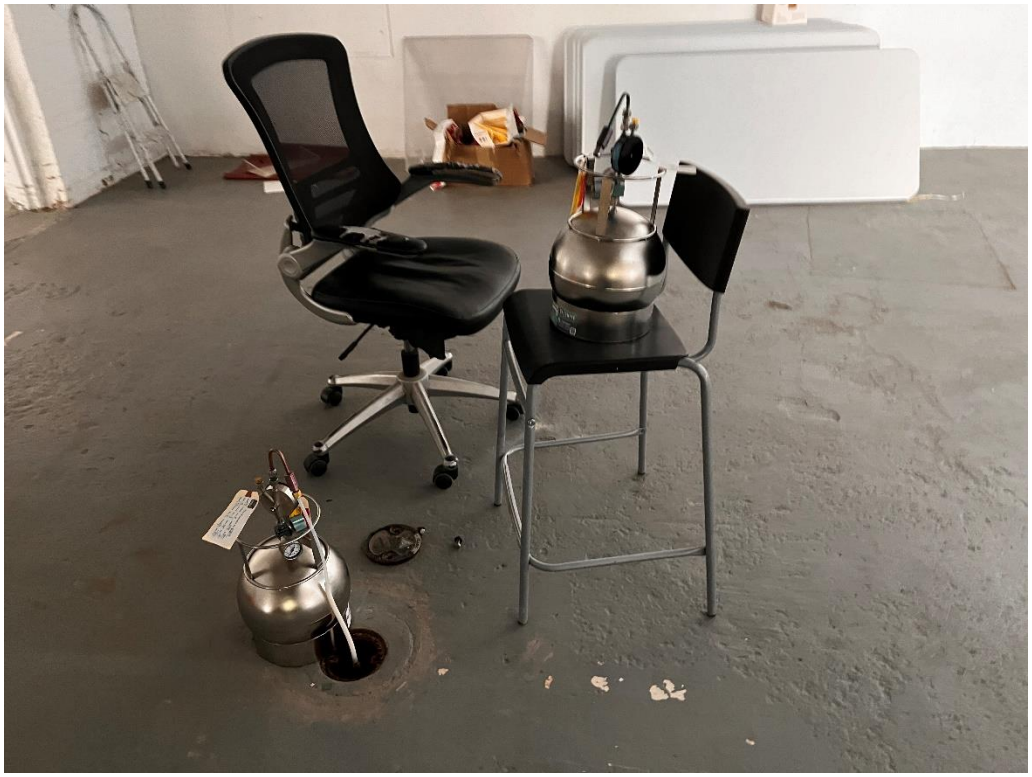

Photo 17 (12/14/2023): View of sub-slab vapor and indoor air sampling at Lot 17

# FIGURES

# TABLES

# ATTACHMENT A

# SITE INSPECTION FORMS

**ATTACHMENT B**

**SUB-SLAB VAPOR AND INDOOR AIR SAMPLING LOGS**

**AND INDOOR AIR QUALITY QUESTIONNAIRES**