ENVIRONMENTAL SERVICES

3 Nancy Court, Suite 4, Wappingers Falls, NY 12590
Tel. (845) 897-0003 Fax (845) 897-0042 www.EcoTecLLC.com

Groundwater Monitoring Report

Former Provan Ford Site - Offsite

146-172 Mill Street

Newburgh, New York 12550

NYSDEC Site Number: B00127-3

Prepared for:

City of Newburgh

83 Broadway

Newburgh, New York 12550

Prepared by:
EcoTec LLC Environmental Services

3 Nancy Court, Suite 4

Wappingers Falls, New York 12590

Report Date:

April 8, 2021

ECO TEC LLC
ENVIRONMENTAL SERVICES

Introduction:

This Groundwater Monitoring Report (GMR) was prepared by EcoTec LLC Environmental Services (ETES) on the behalf of the City of Newburgh (City) to summarize the groundwater sampling activities conducted on the offsite groundwater monitoring wells associated with the former Provan Ford Site, NYSDEC Site B000127-3 in accordance with the requirements of the June 2016 Site Management Plan (SMP) approved by the New York State Department of Environmental Conservation (NYSDEC).

Site History:

The City of Newburgh entered into a SAC with the NYSDEC in September 2007 to investigate and remediate the Site. The City's contractor First Environment lead all remedial activities with NYSDEC Approved Work Plans. Based on the findings of historical on-site groundwater sampling activities, dissolved-phase chlorinated volatile organic compounds (CVOCs) were identified and have migrated off site to the southeast within the overburden and intermediate aquifer.

Several groundwater sampling events occurred from 2010 through investigative phase and until final remedial activities were completed in late 2015. The historical groundwater data was obtained from the Final Engineering Report (FER) Dated June 2016 prepared by First Environment.

Dissolved-phase PCE and TCE were detected at concentrations above their respective standards in several off-site monitoring wells. Furthermore, petroleum-based constituents, such as benzene, ethylbenzene, total xylenes (BTEX) and MTBE, were detected at concentrations above their respective standards in the on-site monitoring wells only.

According to the FER, local groundwater in the overburden flows to southeast of the site at an average velocity of 8.9 x 10^-4 ft/ day.

Groundwater Monitoring Well Gauging & Sampling Activities:

In accordance with the Quality Assurance Project Plan (QAPP) within the SMP, EcoTec performed groundwater gauging and sampling on the onsite groundwater monitoring wells. The groundwater monitoring wells were gauged for static water level within the well casing prior to sampling activities. A summary of the groundwater elevations and gauging data are included in Table 1. Depth to groundwater measurements were collected March 26, 2021 using a Solinst Interface Probe graduated in 0.01 foot intervals. Depth to groundwater measurements were taken from the northernmost top of monitoring well casings. The data summarizing the groundwater elevations are noted in Table 1 below.

Monitoring Well MW-19, was scheduled to be sampled. During the sampling activities, MW-19 was searched for but could not be located.

ECO TEC LLC
ENVIRONMENTAL SERVICES

Table 1. On-site Monitoring Well Groundwater Elevation Data

MW - ID	Inner Casing Elevation*	Depth to Water	Product Thickness	Groundwater Elevation
MW-13	121.97'	5.33'	0.0'	115.76'
MW-13I	121.91'	8.12'	0.0'	112.29'
MW-15	117.16'	12.06'	0.0'	105.11'
MW-16	117.22'	15.12'	0.0'	100.72'
MW-18	117.22'	14.44'	0.0'	102.50'
MW-19**	91.74'	N/A	0.0'	N/A

*Elevations from Appendix D of Final SMP 6-23-2016
**MW-19 could not be located during sampling activities

Each well was purged utilizing a low-flow purge methodology. The wells were purged at a low rate (less than 1L per minute) utilizing a peristaltic pump and dedicated polyethylene tubing. Groundwater field parameters including dissolved oxygen, pH, turbidity, conductivity and ORP were monitored during purging activities utilizing an in-line flow cell with a YSI Multiparameter Water Quality Meter. All field analytical equipment was calibrated per Manufacturer's specifications prior to each day's use. The groundwater field parameter measurements were documented in Attachment A "Low Flow Purging/Sampling Log".

Groundwater samples were obtained from disconnecting the intake hose from the flow through cell discharging the effluent water into three (3) 40ml glass vials preserved with HCl provided by the analytical laboratory. A field duplicate sample was obtained from MW-13 and was identified on the chain of custody as "DUP-13". The samples were marked for identification utilizing the Groundwater Monitoring Well Identification Number. The samples were placed on ice and transported under chain of custody to York Analytical Laboratories (NYSDOH ELAP Certified), located in Stratford, CT the following business day. A trip blank prepared by the laboratory accompanied the glassware during sampling activities and back to the laboratory. The samples were analyzed within the prescribed holding times for Volatile Organic Compounds (VOCs) utilizing United States Environmental Protection Agency (USEPA) Method 8260.

Results:

Laboratory analysis of the groundwater sampling from MW-13 resulted in the detection of a total of nineteen (19) compounds above the laboratory method detection limit (MDL). Six (6) of the compounds exceed their respective Standards, Criteria, and Guidance Values (SCGs) for groundwater – Ambient Water Quality Standards and Guidance Values (TOGs 1.1.1), 6 NYCRR Part 703, Surface water and Groundwater Quality Standards, and Part 5 of the New York State Sanitary Code (10 NYCRR Part 5).

Laboratory analysis of the groundwater sampling from MW-13I resulted in the detection of a total of seven (7) compounds above the laboratory MDL. None of the compounds detected exceed their respective SCGs for groundwater.

Laboratory analysis of the groundwater sampling from MW-15 resulted in the detection of a total of fifteen (15) compounds above the laboratory MDL. Six (6) of the compounds exceed their respective SCGs for groundwater.

Laboratory analysis of the groundwater sampling from MW-16 resulted in the detection of a total of thirteen (13) compounds above the laboratory MDL. Four (4) of the compounds exceed their respective SCGs for groundwater.

Laboratory analysis of the groundwater sampling from MW-18 resulted in the detection of a total of eleven (11) compounds above the laboratory MDL. Four (4) of the compounds exceed their respective SCGs for groundwater.

Data for the compounds detected are summarized in **Table 2** below.

The data were compared to historical data collected by First Environment and is summarized in **Table 3** below.

The results of the sampling indicate that the primary constituents of concern (BTEX, CVOCs) continue to show a decrease in concentrations detected over time.

All purged groundwater was containerized in 55 gallons drums and will be characterized (if necessary) and properly disposed of at a licensed facility. Waste manifests will be forwarded to the NYSDEC upon completion of the waste disposal.

Table 2 Laboratory Groundwater Analytical Results

COMPOUND LIST 8260 Full	SCG*	MW-13	DUP-13	MW-13I	MW-15	MW-16	MW-18
Sample Date:		3/26/21	3/26/21	3/26/21	3/26/21	3/26/21	3/26/21
1,1,1,2- Tetrachloroethane	5	ND	ND	ND	ND	ND	ND
1,1,1- Trichloroethane	5	**21**	**22**	0.25 J	**13**	**7.6**	**6.8**
1,1,2,2- Tetrachloroethane	5	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluroethane	5	ND	0.33 J	ND	ND	ND	ND
1,1,2,- Trichloroethane	5	ND	2.3	2.1	ND	2.1	1.8
1,1,-Dichloroethane	5	2.8	2.8	ND	2.4	1.6	1.2
1,1-Dichloroethylene	0.7	**3**	**3.2**	ND	**0.73**	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND
1,2,3- Trichchloropropane	0.04	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	10	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	5	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	5	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	4.7	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	0.77	ND	ND	0.26 J	0.29 J	ND
1,2-Dichloropropane	5	0.20 J	0.22 J	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND

1,3-Dichlorobezene	5	ND	ND	ND	ND	ND	ND
1,4-Dichlorobezene	4.7	ND	ND	ND	ND	ND	ND
1,4-Dioxane	NL	ND	ND	ND	ND	ND	ND
2-Butanone	50	45 B	48 B	0.49 JB	36 B	19 B	17 B
2-Hexanone	50	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	50	0.44 J	ND	0.44 J	ND	ND	0.48 J
Acetone	50	0.23 J	ND	ND	ND	ND	ND
Acrolein	5	ND	0.47 J	ND	ND	ND	ND
Acrylonitrile	0.7	ND	ND	ND	ND	ND	ND
Benzene	1	ND	0.25 J	ND	ND	ND	ND
Bromochloromethane	5	**30**	**32**	0.22 J	**24**	**13**	**12**
Bromodichloromethane	50	ND	ND	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND	ND
Carbon disulfide	50	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND	ND
Chloroform	7	0.92	0.98	ND	0.65	0.4 J	0.44 J
Chloromethane	5	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	5	**420**	**450**	3.5	**310**	**180**	**150**
cis-1,3-Dichloropropylene	5	ND	ND	ND	ND	ND	ND
Cyclohexane	50	ND	ND	ND	ND	ND	ND
Dibromochloromethane	50	ND	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND	ND
Ethyl Benzene	5	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND
Methyl acetate	50	ND	0.22 J	ND	ND	ND	ND
Methyl tert-butyl ether	10	0.27 J	0.28 J	ND	0.24 J	ND	ND
Methylcyclohexane	50	0.48 J	0.46 J	ND	0.39 J	ND	ND
Methylene chloride	5	ND	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND
o-Xylene	5	ND	ND	ND	ND	ND	ND
p-&m- Xylenes	NL	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND	ND
tert-Butyl alcohol	NL	1	0.56 J	0.80 J	0.65 J	0.59 J	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND	ND

Tetrachloroethylene	5	**16**	**16**	ND	**8.7**	4.6	1.6
Toluene	5	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	5	1.2	1.1	ND	1.9	0.29 J	0.3 J
trans-1,3-Dichloropropylene	5	ND	ND	ND	ND	ND	ND
trans-1,4-dichloro-2-butene	5	ND	ND	ND	ND	ND	ND
Trichloroethylene	5	**60**	**61**	ND	**50**	**24**	**15**
Trichlorofluoromethane	5	0.83	0.89	ND	0.46 J	0.29 J	ND
Vinyl chloride	2	1.9	**2.3**	ND	ND	ND	ND
Xylenes, Total	5	ND	ND	ND	ND	ND	ND

Table Notes:
All Values are reported in micrograms per liter (µg/L or ppb)
SCG*: Standards, Criteria and Guidance Values (SCGs) for groundwater - Ambient Water Quality Standards and Guidance Values (TOGs 1.1.1.), 6 NYCRR Part 703, Surface Water and Groundwater Quality Standards, and Part 5 of the NYS Sanitary Code
RED values indicate exceedance of applicable NYSDEC guidance values
ND: Not Detected Above Applicable Laboratory Detection Limits
J - Laboratory Qualifier (Result is less than the reporting limit, but greater than the method detection limit and the concentration is an approximate value)
B - Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants
DUP-13; Field duplicate for MW-13.

Table 3 Historical Groundwater Analytical Results with Current Results

Note: Historical data provided by Final Engineering Report June 2016 prepared by First Environment. **BOLD** indicates current data.

MW-13					
Year	**TCE**	**cis-1,2-DCE**	**VC**	**CVOC**	**BTEX**
2/23/10	95	790	20	1301	1
9/20/11	21	250	1.3	291	ND
8/12/13	32.4	500	6.1	579	ND
10/31/13	83.4	1200	7	1371	ND
3/25/14	75	1100	1.4	1257	ND
9/4/14	45.5	630	7.2	699	ND
8/12/15	65.9	940	6.8	1072	ND
5/7/18	18	220	ND	256.2	2.6
3/26/21	**60**	**420**	**1.9**	**542.4**	**ND**

MW-13I					
Year	**TCE**	**cis-1,2-DCE**	**VC**	**CVOC**	**BTEX**
5/7/18	0.64	18	0.48	19.7	ND
3/26/21	**ND**	**3.5**	**ND**	**6**	**ND**

MW-15					
Year	**TCE**	**cis-1,2-DCE**	**VC**	**CVOC**	**BTEX**
2/23/10	11	140	ND	235	ND
9/21/11	75	350	0.95	461	ND
11/1/13	61.2	450	2.1	543	0.4
3/26/14	75	640	1.3	758	ND
9/4/14	48.2	300	0.46	374	ND
8/12/15	62	620	0.33	710	ND
5/7/18	55	390	ND	470.8	5.1
3/26/21	**50**	**310**	**ND**	**388.1**	**ND**

MW-16					
Year	**TCE**	**cis-1,2-DCE**	**VC**	**CVOC**	**BTEX**
9/21/11	11	48	ND	62	ND
8/12/13	42.1	200	ND	253	ND
10/31/13	33.9	190	ND	234	ND
3/26/14	13.9	83	ND	101	ND
9/4/14	25.6	180	ND	209	ND
8/12/15	58.5	520	ND	602	ND
5/7/18	19	200	ND	232.6	2.4
3/26/21	**24**	**180**	**ND**	**234.2**	**ND**

MW-18					
Year	**TCE**	**cis-1,2-DCE**	**VC**	**CVOC**	**BTEX**
9/20/11	7.4	21	ND	28	ND
8/13/13	5.6	17.2	ND	23	ND
3/26/14	4.9	12.8	ND	18	ND
8/12/15	6.5	41	5.4	50	ND
5/8/18	3.9	36	ND	42.1	0.37
3/26/21	**15**	**150**	**ND**	**189.1**	**ND**

MW-19					
Year	**TCE**	**cis-1,2-DCE**	**VC**	**CVOC**	**BTEX**
9/20/11	ND	ND	ND	ND	ND
8/12/15	ND	ND	ND	ND	ND
5/8/18	**ND**	**ND**	**ND**	**ND**	**ND**

MW-19 could not be located during sampling activities

Notes: TCE (Trichloroethylene), cis-1,2-DCE (cis1,2-Dichloroethylene), CVOC (Chlorinated Volatile Organic Compounds, BTEX (Benzene, toluene, Ethyl benzene, Xylenes)

ATTACHMENTS:

A: "Low Flow Purging/ Sampling Log"

B: Laboratory Analytical Data

LOW FLOW PURGING / SAMPLING LOG

Project Number: 21-006 Client Name: City of Newburgh

Location: Provan (Off Site) Date: 3/26/21

Field Team: Evan Stankunas & Wyatt Jordan

Sampling Information Sample/ Well Number: MW-13 Total Well Depth (ft): 12.40

Location: Off site – Mill Street

Low Flow Purge Data (WELLS ONLY)

Date/ Time: 3/26/21 09:03 Pump Type: Peristaltic Int. Water Level (ft from TOC): 5.33

Well Casing: Stick-up/ (Flush Mount) Measuring Point (MP): Top of Casing Tubing Depth (from MP): 8.0

Sampling Data: Date: 3/26/21 Time: 09:23 Parameters: VOC Sample ID: MW-13

Field Observations: Cloudy 59 deg F; GW – No NAPL, No Sheen, No Odor Noted

Time	pH (+/- 0.1)	SC (+/- 3%)	Turb (+/- 10%)	DO (+/- 10%)	Temp (+/- 3%)	ORP (+/- 10mV)	DTW Δ<0.3ft	Notes:
09:05	7.00	1.304	4.1	105.6	13.23	221.4	5.40	
09:10	6.95	1.309	5.3	95.2	12.93	223.8	5.45	
09:14	6.95	1.330	5.3	91.8	12.54	225.0	5.50	
09:17	6.95	1.335	4.9	89.1	12.48	227.0	5.55	
09:20	6.95	1.341	5.4	85.7	12.45	227.2	5.60	
								Sample @ 09:23

Signature: _____ Page ___1___ of ___1____

LOW FLOW PURGING / SAMPLING LOG

Project Number: 21-006 | Client Name: City of Newburgh

Location: Provan (Off Site) | Date: 3/26/21

Field Team: Evan Stankunas & Wyatt Jordan

Sampling Information Sample/ Well Number: MW-13I | Total Well Depth (ft): 53.40

Location: Off site – Mill Street

Low Flow Purge Data (WELLS ONLY)

Date/ Time: 3/26/21 08:22 | Pump Type: Peristaltic | Int. Water Level (ft from TOC): 8.12

Well Casing: Stick-up/ (Flush Mount) | Measuring Point (MP): Top of Casing | Tubing Depth (from MP): 50.0

Sampling Data: Date: 3/26/21 Time: 09:23 | Parameters: VOC | Sample ID: MW-13I

Field Observations: Cloudy 59 deg F; GW – No NAPL, No Sheen, No Odor Noted

YSI Calibrated at 08:00

Time	pH (+/- 0.1)	SC (+/- 3%)	Turb (+/- 10%)	DO (+/- 10%)	Temp (+/- 3%)	ORP (+/- 10mV)	DTW Δ<0.3ft	Notes:
08:37	7.20	1.250	-15.9	57.9	14.87	234.3	8.70	
08:40	7.21	1.184	-11.5	54.4	14.92	237.8	8.75	
08:44	7.22	1.160	5.0	53.9	15.00	233.2	8.82	
08:47	7.22	1.142	5.8	52.9	15.00	234.2	8.85	
08:50	7.22	1.136	5.7	51.5	15.06	233.8	8.93	
								Sample @ 08:53

Signature: _____ Page ___1___ of ___1____

LOW FLOW PURGING / SAMPLING LOG

Project Number: 21-006 Client Name: City of Newburgh

Location: Provan (Off Site) Date: 3/26/21

Field Team: Evan Stankunas & Wyatt Jordan

Sampling Information Sample/ Well Number: MW-15 Total Well Depth (ft): 21.45

Location: Off site – Bridge Street

Low Flow Purge Data (WELLS ONLY)

Date/ Time: 3/26/21 11:06 Pump Type: Peristaltic Int. Water Level (ft from TOC): 12.06

Well Casing: Stick-up/ (Flush Mount) Measuring Point (MP): Top of Casing Tubing Depth (from MP): 17.0

Sampling Data: Date: 3/26/21 Time: 11:30 Parameters: VOC Sample ID: MW-15

Field Observations: Cloudy 59 deg F; GW – No NAPL, No Sheen, No Odor Noted

Time	pH (+/- 0.1)	SC (+/- 3%)	Turb (+/- 10%)	DO (+/- 10%)	Temp (+/- 3%)	ORP (+/- 10mV)	DTW Δ<0.3ft	Notes:
11:13	6.92	1.086	1.9	112.6	12.79	232.1	12.30	
11:16	6.89	1.083	1.7	56.0	12.70	234.8	12.42	
11:19	6.88	1.083	1.2	48.4	12.66	236.7	12.55	
11:22	6.88	1.084	1.4	48.1	12.64	237.1	12.66	
11:27	6.88	1.082	1.3	46.9	12.70	237.2	12.70	
								Sample at 11:30

Signature: _____ Page ___1___ of ___1____

LOW FLOW PURGING / SAMPLING LOG

Project Number: 21-006 Client Name: City of Newburgh

Location: Provan (Off Site) Date: 3/26/21

Field Team: Evan Stankunas & Wyatt Jordan

Sampling Information Sample/ Well Number: MW-16 Total Well Depth (ft): 18.40

Location: Off site – Bridge Street

Low Flow Purge Data (WELLS ONLY)

Date/ Time: 3/26/21 10:26 Pump Type: Peristaltic Int. Water Level (ft from TOC): 15.12

Well Casing: Stick-up/ (Flush Mount) Measuring Point (MP): Top of Casing Tubing Depth (from MP): 17.5

Sampling Data: Date: 3/26/21 Time: 10:50 Parameters: VOC Sample ID: MW-16

Field Observations: Cloudy 59 deg F; GW – No NAPL, No Sheen, No Odor Noted

Time	pH (+/- 0.1)	SC (+/- 3%)	Turb (+/- 10%)	DO (+/- 10%)	Temp (+/- 3%)	ORP (+/- 10mV)	DTW Δ<0.3ft	Notes:
10:30	6.97	1.365	40.4	65.5	12.63	219.9	15.40	
10:34	6.96	1.365	33.5	59.8	12.70	226.3	15.45	
10:37	6.97	1.354	22.3	57.0	12.37	230.9	15.50	
10:41	6.97	1.362	19.6	55.8	12.25	234.6	15.50	
10:44	6.97	13.64	18.9	55.4	12.14	237.0	15.60	
								Sample at 10:50

Signature: _____ Page ___1___ of ___1____

LOW FLOW PURGING / SAMPLING LOG

Project Number: 21-006 Client Name: City of Newburgh

Location: Provan (Off Site) Date: 3/26/21

Field Team: Evan Stankunas & Wyatt Jordan

Sampling Information Sample/ Well Number: MW-18 Total Well Depth (ft): 19.75

Location: Off site – Bridge Street

Low Flow Purge Data (WELLS ONLY)

Date/ Time: 3/26/21 12:57 Pump Type: Peristaltic Int. Water Level (ft from TOC): 14.44

Well Casing: Stick-up/ (Flush Mount) Measuring Point (MP): Top of Casing Tubing Depth (from MP): 17.0

Sampling Data: Date: 3/26/21 Time: 13:30 Parameters: VOC Sample ID: MW-18

Field Observations: Cloudy 59 deg F; GW – No NAPL, No Sheen, No Odor Noted

Time	pH (+/- 0.1)	SC (+/- 3%)	Turb (+/- 10%)	DO (+/- 10%)	Temp (+/- 3%)	ORP (+/- 10mV)	DTW Δ<0.3ft	Notes:
12:59	6.99	0.963	1.8	56.1	12.90	42.7	14.60	Pumping at max rate of 1L/min
13:03	6.97	1.042	1.8	58.7	12.62	71.9	14.60	
13:06	6.97	1.058	1.5	61.9	12.57	94.9	14.60	
13:10	6.98	1.059	1.7	65.3	12.62	110.3	14.60	
13:15	6.98	1.057	1.6	64.7	12.68	124.8	14.60	
13:18	6.98	1.059	1.8	62.8	12.70	134.0	14.60	
13:21	6.99	1.063	1.6	62.7	12.62	140.8	14.60	
13:25	6.99	1.061	1.6	62.7	12.70	144.7	14.60	
								Sample at 13:30

Signature: _____ Page ___1___ of ___1____

Technical Report

prepared for:

EcoTec, LLC Environmental Services
3 Nancy Court, Suite 4
Wappingers Falls NY, 12590
Attention: Evan Stankunas

Report Date: 04/05/2021
Client Project ID: 21-005 PROVAN
York Project (SDG) No.: 21C1365

Report Date: 04/05/2021
Client Project ID: 21-005 PROVAN
York Project (SDG) No.: 21C1365

EcoTec, LLC Environmental Services
3 Nancy Court, Suite 4
Wappingers Falls NY, 12590
Attention: Evan Stankunas

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 March 29, 2021 and listed below. The project was identified as your project: **21-005 PROVAN**.

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
21C1365-01	MW-13	Water	03/26/2021	03/29/2021
21C1365-02	MW-13I	Water	03/26/2021	03/29/2021
21C1365-03	MW-15	Water	03/26/2021	03/29/2021
21C1365-04	MW-16	Water	03/26/2021	03/29/2021
21C1365-05	MW-18	Water	03/26/2021	03/29/2021
21C1365-06	DUP-13	Water	03/26/2021	03/29/2021
21C1365-07	Trip Blank	Water	03/26/2021	03/29/2021

General Notes for York Project (SDG) No.: 21C1365

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

Approved By: 

Date: 04/05/2021

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **MW-13** **York Sample ID:** **21C1365-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 9:23 am	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	**1,1,1-Trichloroethane**	**21**		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	**1,1-Dichloroethane**	**2.8**		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	**1,1-Dichloroethylene**	**3.0**		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	**1,2-Dichloroethane**	**0.77**		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	**1,2-Dichloropropane**	**0.20**	J	ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**45**	B	ug/L	0.20	1.0	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-13 **York Sample ID:** 21C1365-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 9:23 am	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	**4-Methyl-2-pentanone**	**0.44**	CCV-E, J	ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	**Benzene**	**0.23**	J	ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	**Bromochloromethane**	**30**	CCV-E	ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.92**		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	**cis-1,2-Dichloroethylene**	**420**		ug/L	2.0	5.0	10	EPA 8260C	04/01/2021 06:47	04/01/2021 14:16	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 16:37	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-13 **York Sample ID:** 21C1365-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 9:23 am	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.27**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	**Methylcyclohexane**	**0.48**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	**tert-Butyl alcohol (TBA)**	**1.0**	CCV-E	ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	**Tetrachloroethylene**	**16**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	**trans-1,2-Dichloroethylene**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP
79-01-6	**Trichloroethylene**	**60**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	**Trichlorofluoromethane**	**0.83**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	**Vinyl Chloride**	**1.9**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 16:37	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

Sample Information

Client Sample ID: MW-13 **York Sample ID:** 21C1365-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 9:23 am	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.8 %*			*79-122*						

Sample Information

Client Sample ID: MW-13I **York Sample ID:** 21C1365-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 8:53 am	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
71-55-6	**1,1,1-Trichloroethane**	**0.25**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
79-00-5	**1,1,2-Trichloroethane**	**2.1**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA

Sample Information

Client Sample ID: **MW-13I** **York Sample ID:** **21C1365-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 8:53 am	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
78-93-3	**2-Butanone**	**0.49**	J, B	ug/L	0.20	1.0	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-10-1	**4-Methyl-2-pentanone**	**0.44**	CCV-E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
74-97-5	**Bromochloromethane**	**0.22**	CCV-E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA

Sample Information

Client Sample ID: MW-13I

York Sample ID: 21C1365-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 8:53 am	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
156-59-2	**cis-1,2-Dichloroethylene**	**3.5**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/31/2021 17:03	KHA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/31/2021 17:03	KHA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
75-65-0	**tert-Butyl alcohol (TBA)**	**0.80**	CCV-E, J	ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA

Sample Information

Client Sample ID: MW-13I **York Sample ID:** 21C1365-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 8:53 am	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/31/2021 17:03	KHA
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:03	KHA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/31/2021 17:03	KHA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.8 %*	*79-122*

Sample Information

Client Sample ID: MW-15 **York Sample ID:** 21C1365-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 11:30 am	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
71-55-6	**1,1,1-Trichloroethane**	**13**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA

Sample Information

Client Sample ID: MW-15 **York Sample ID:** 21C1365-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 11:30 am	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
75-34-3	**1,1-Dichloroethane**	**2.4**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
75-35-4	**1,1-Dichloroethylene**	**0.73**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
107-06-2	**1,2-Dichloroethane**	**0.26**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
78-93-3	**2-Butanone**	**36**	B	ug/L	0.20	1.0	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA

Sample Information

Client Sample ID: **MW-15** **York Sample ID:** **21C1365-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 11:30 am	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	**Bromochloromethane**	**24**	CCV-E	ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.65**		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	**cis-1,2-Dichloroethylene**	**310**		ug/L	2.0	5.0	10	EPA 8260C	04/01/2021 06:47	04/01/2021 14:42	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.24**	J	ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**0.39**	J	ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	03/31/2021 06:47	03/31/2021 17:30	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-15 **York Sample ID:** 21C1365-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 11:30 am	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/31/2021 17:30	KHA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/31/2021 17:30	KHA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
75-65-0	**tert-Butyl alcohol (TBA)**	**0.65**	CCV-E, J	ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
127-18-4	**Tetrachloroethylene**	**8.7**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
156-60-5	**trans-1,2-Dichloroethylene**	**1.9**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/31/2021 17:30	KHA
79-01-6	**Trichloroethylene**	**50**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
75-69-4	**Trichlorofluoromethane**	**0.46**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:30	KHA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/31/2021 17:30	KHA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.7 %*	*79-122*

Sample Information

Client Sample ID: MW-16 **York Sample ID:** 21C1365-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 10:50 am	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
71-55-6	**1,1,1-Trichloroethane**	**7.6**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
79-00-5	**1,1,2-Trichloroethane**	**2.1**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-34-3	**1,1-Dichloroethane**	**1.6**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
107-06-2	**1,2-Dichloroethane**	**0.29**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
78-93-3	**2-Butanone**	**19**	B	ug/L	0.20	1.0	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA

Sample Information

Client Sample ID: **MW-16** **York Sample ID:** **21C1365-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 10:50 am	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	**Bromochloromethane**	**13**	CCV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	**Chloroform**	**0.40**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	**cis-1,2-Dichloroethylene**	**180**		ug/L	2.0	5.0	10	EPA 8260C Certifications:	04/01/2021 06:47	04/01/2021 15:07	MD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 17:56	KHA CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: MW-16 **York Sample ID:** 21C1365-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 10:50 am	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:56	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:56	KHA
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:56	KHA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:56	KHA
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:56	KHA
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:56	KHA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/31/2021 17:56	KHA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/31/2021 17:56	KHA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:56	KHA
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:56	KHA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:56	KHA
75-65-0	**tert-Butyl alcohol (TBA)**	**0.59**	CCV-E, J	ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:56	KHA
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:56	KHA
127-18-4	**Tetrachloroethylene**	**4.6**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:56	KHA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:56	KHA
156-60-5	**trans-1,2-Dichloroethylene**	**0.29**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:56	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:56	KHA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/31/2021 17:56	KHA
79-01-6	**Trichloroethylene**	**24**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:56	KHA
75-69-4	**Trichlorofluoromethane**	**0.29**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:56	KHA
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 17:56	KHA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/31/2021 17:56	KHA

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-16 **York Sample ID:** 21C1365-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 10:50 am	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.4 %*			*79-122*						

Sample Information

Client Sample ID: MW-18 **York Sample ID:** 21C1365-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 1:30 pm	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
71-55-6	**1,1,1-Trichloroethane**	**6.8**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
79-00-5	**1,1,2-Trichloroethane**	**1.8**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
75-34-3	**1,1-Dichloroethane**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA

Sample Information

Client Sample ID: MW-18 **York Sample ID:** 21C1365-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 1:30 pm	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
78-93-3	**2-Butanone**	**17**	B	ug/L	0.20	1.0	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
108-10-1	**4-Methyl-2-pentanone**	**0.48**	CCV-E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
74-97-5	**Bromochloromethane**	**12**	CCV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
67-66-3	**Chloroform**	**0.44**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 18:22	KHA

Sample Information

Client Sample ID: MW-18 **York Sample ID:** 21C1365-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 1:30 pm	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	**cis-1,2-Dichloroethylene**	**150**		ug/L	1.0	2.5	5	EPA 8260C	04/01/2021 06:47	04/01/2021 15:33	MD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**1.6**		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW-18 **York Sample ID:** 21C1365-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 1:30 pm	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	**trans-1,2-Dichloroethylene**	**0.30**	J	ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-01-6	**Trichloroethylene**	**15**		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:22	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.2 %*	*79-122*

Sample Information

Client Sample ID: DUP-13 **York Sample ID:** 21C1365-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 3:00 pm	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	**1,1,1-Trichloroethane**	**22**		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.33**	J	ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	**1,1,2-Trichloroethane**	**2.3**		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP-13 **York Sample ID:** 21C1365-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 3:00 pm	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	**1,1-Dichloroethane**	**2.8**		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	**1,1-Dichloroethylene**	**3.2**		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	**1,2-Dichloropropane**	**0.22**	J	ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**48**	B	ug/L	0.20	1.0	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	**Acrolein**	**0.47**	J	ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	**Benzene**	**0.25**	J	ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	**Bromochloromethane**	**32**	CCV-E	ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 18:49	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP-13 **York Sample ID:** 21C1365-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 3:00 pm	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
67-66-3	**Chloroform**	**0.98**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
156-59-2	**cis-1,2-Dichloroethylene**	**450**		ug/L	2.0	5.0	10	EPA 8260C Certifications:	04/01/2021 06:47	04/01/2021 15:59 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	MD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
79-20-9	**Methyl acetate**	**0.22**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.28**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-87-2	**Methylcyclohexane**	**0.46**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA

Sample Information

Client Sample ID: DUP-13 **York Sample ID:** 21C1365-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 3:00 pm	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	KHA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	KHA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-65-0	**tert-Butyl alcohol (TBA)**	**0.56**	CCV-E, J	ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
127-18-4	**Tetrachloroethylene**	**16**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
156-60-5	**trans-1,2-Dichloroethylene**	**1.1**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	KHA
79-01-6	**Trichloroethylene**	**61**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-69-4	**Trichlorofluoromethane**	**0.89**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-01-4	**Vinyl Chloride**	**2.3**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 18:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	KHA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.4 %*	*79-122*

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **21C1365-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 3:00 pm	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
78-93-3	**2-Butanone**	**1.2**	B	ug/L	0.20	1.0	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47	03/31/2021 11:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	KHA

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21C1365-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 3:00 pm	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**3.4**	CCV-E	ug/L	1.0	2.0	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/31/2021 06:47	03/31/2021 11:48	KHA
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **21C1365-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 3:00 pm	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 11:48	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 11:48	KHA
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 11:48	KHA
75-09-2	**Methylene chloride**	**14**		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 11:48	KHA
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 11:48	KHA
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 11:48	KHA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/31/2021 11:48	KHA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/31/2021 11:48	KHA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 11:48	KHA
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 11:48	KHA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 11:48	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/31/2021 06:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 11:48	KHA
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 11:48	KHA
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 11:48	KHA
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 11:48	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 11:48	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 11:48	KHA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/31/2021 11:48	KHA
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 11:48	KHA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 11:48	KHA
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/31/2021 11:48	KHA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/31/2021 06:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/31/2021 11:48	KHA

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*69-130*

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **21C1365-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21C1365	21-005 PROVAN	Water	March 26, 2021 3:00 pm	03/29/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.3 %*			*79-122*						

Analytical Batch Summary

Batch ID: BC11932 **Preparation Method:** EPA 5030B **Prepared By:** MD

YORK Sample ID	Client Sample ID	Preparation Date
21C1365-01	MW-13	03/31/21
21C1365-02	MW-13I	03/31/21
21C1365-03	MW-15	03/31/21
21C1365-04	MW-16	03/31/21
21C1365-05	MW-18	03/31/21
21C1365-06	DUP-13	03/31/21
21C1365-07	Trip Blank	03/31/21
BC11932-BLK1	Blank	03/31/21
BC11932-BS1	LCS	03/31/21
BC11932-BSD1	LCS Dup	03/31/21

Batch ID: BD10031 **Preparation Method:** EPA 5030B **Prepared By:** MD

YORK Sample ID	Client Sample ID	Preparation Date
21C1365-01RE1	MW-13	04/01/21
21C1365-03RE1	MW-15	04/01/21
21C1365-04RE1	MW-16	04/01/21
21C1365-05RE1	MW-18	04/01/21
21C1365-06RE1	DUP-13	04/01/21
BD10031-BLK1	Blank	04/01/21
BD10031-BS1	LCS	04/01/21
BD10031-BSD1	LCS Dup	04/01/21
BD10031-MS1	Matrix Spike	04/01/21
BD10031-MSD1	Matrix Spike Dup	04/01/21

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC11932 - EPA 5030B											
Blank (BC11932-BLK1)											Prepared & Analyzed: 03/31/2021
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	0.73	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC11932 - EPA 5030B											
Blank (BC11932-BLK1)											Prepared & Analyzed: 03/31/2021
Methylene chloride	ND	2.0	ug/L								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.2*		*"*	*10.0*		*112*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.67*		*"*	*10.0*		*96.7*	*79-122*				
LCS (BC11932-BS1)											Prepared & Analyzed: 03/31/2021
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		107	82-126				
1,1,1-Trichloroethane	11		"	10.0		110	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		107	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13		"	10.0		126	54-165				
1,1,2-Trichloroethane	11		"	10.0		109	82-123				
1,1-Dichloroethane	11		"	10.0		113	82-129				
1,1-Dichloroethylene	13		"	10.0		127	68-138				
1,2,3-Trichlorobenzene	8.6		"	10.0		85.9	40-130				
1,2,3-Trichloropropane	10		"	10.0		103	77-128				
1,2,4-Trichlorobenzene	9.7		"	10.0		97.3	65-137				
1,2,4-Trimethylbenzene	12		"	10.0		117	82-132				
1,2-Dibromo-3-chloropropane	10		"	10.0		103	45-147				
1,2-Dibromoethane	11		"	10.0		106	83-124				
1,2-Dichlorobenzene	10		"	10.0		104	79-123				
1,2-Dichloroethane	11		"	10.0		113	73-132				
1,2-Dichloropropane	12		"	10.0		119	78-126				
1,3,5-Trimethylbenzene	12		"	10.0		119	80-131				
1,3-Dichlorobenzene	11		"	10.0		107	86-130				
1,4-Dichlorobenzene	10		"	10.0		104	85-130				
1,4-Dioxane	230		"	210		109	10-349				
2-Butanone	10		"	10.0		104	49-152				
2-Hexanone	11		"	10.0		115	51-146				
4-Methyl-2-pentanone	11		"	10.0		114	57-145				
Acetone	10		"	10.0		105	14-150				
Acrolein	6.1		"	10.0		61.0	10-153				
Acrylonitrile	11		"	10.0		114	51-150				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC11932 - EPA 5030B											
LCS (BC11932-BS1)								Prepared & Analyzed: 03/31/2021			
Benzene	11		ug/L	10.0		112	85-126				
Bromochloromethane	13		"	10.0		125	77-128				
Bromodichloromethane	11		"	10.0		112	79-128				
Bromoform	9.4		"	10.0		94.3	78-133				
Bromomethane	9.6		"	10.0		96.3	43-168				
Carbon disulfide	12		"	10.0		122	68-146				
Carbon tetrachloride	11		"	10.0		109	77-141				
Chlorobenzene	11		"	10.0		111	88-120				
Chloroethane	12		"	10.0		121	65-136				
Chloroform	11		"	10.0		111	82-128				
Chloromethane	12		"	10.0		118	43-155				
cis-1,2-Dichloroethylene	12		"	10.0		118	83-129				
cis-1,3-Dichloropropylene	11		"	10.0		114	80-131				
Cyclohexane	9.7		"	10.0		97.2	63-149				
Dibromochloromethane	11		"	10.0		106	80-130				
Dibromomethane	11		"	10.0		110	72-134				
Dichlorodifluoromethane	13		"	10.0		134	44-144				
Ethyl Benzene	12		"	10.0		120	80-131				
Hexachlorobutadiene	13		"	10.0		131	67-146				
Isopropylbenzene	12		"	10.0		115	76-140				
Methyl acetate	10		"	10.0		100	51-139				
Methyl tert-butyl ether (MTBE)	11		"	10.0		110	76-135				
Methylcyclohexane	12		"	10.0		117	72-143				
Methylene chloride	12		"	10.0		124	55-137				
n-Butylbenzene	13		"	10.0		132	79-132				
n-Propylbenzene	12		"	10.0		118	78-133				
o-Xylene	12		"	10.0		118	78-130				
p- & m- Xylenes	24		"	20.0		121	77-133				
p-Isopropyltoluene	12		"	10.0		121	81-136				
sec-Butylbenzene	13		"	10.0		125	79-137				
Styrene	12		"	10.0		118	67-132				
tert-Butyl alcohol (TBA)	45		"	50.0		90.4	25-162				
tert-Butylbenzene	9.7		"	10.0		97.4	77-138				
Tetrachloroethylene	11		"	10.0		106	82-131				
Toluene	12		"	10.0		116	80-127				
trans-1,2-Dichloroethylene	13		"	10.0		125	80-132				
trans-1,3-Dichloropropylene	11		"	10.0		114	78-131				
trans-1,4-dichloro-2-butene	11		"	10.0		110	63-141				
Trichloroethylene	11		"	10.0		114	82-128				
Trichlorofluoromethane	13		"	10.0		126	67-139				
Vinyl Chloride	13		"	10.0		127	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC11932 - EPA 5030B											
LCS Dup (BC11932-BSD1)							Prepared & Analyzed: 03/31/2021				
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		105	82-126		2.07	30	
1,1,1-Trichloroethane	10		"	10.0		104	78-136		5.43	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		104	76-129		2.65	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		119	54-165		6.20	30	
1,1,2-Trichloroethane	11		"	10.0		110	82-123		1.37	30	
1,1-Dichloroethane	11		"	10.0		109	82-129		3.33	30	
1,1-Dichloroethylene	12		"	10.0		119	68-138		6.73	30	
1,2,3-Trichlorobenzene	8.6		"	10.0		86.0	40-130		0.116	30	
1,2,3-Trichloropropane	10		"	10.0		101	77-128		2.35	30	
1,2,4-Trichlorobenzene	9.7		"	10.0		97.0	65-137		0.309	30	
1,2,4-Trimethylbenzene	11		"	10.0		108	82-132		7.82	30	
1,2-Dibromo-3-chloropropane	10		"	10.0		100	45-147		2.46	30	
1,2-Dibromoethane	11		"	10.0		109	83-124		2.51	30	
1,2-Dichlorobenzene	10		"	10.0		99.9	79-123		4.50	30	
1,2-Dichloroethane	11		"	10.0		113	73-132		0.531	30	
1,2-Dichloropropane	12		"	10.0		116	78-126		2.38	30	
1,3,5-Trimethylbenzene	11		"	10.0		109	80-131		8.15	30	
1,3-Dichlorobenzene	10		"	10.0		99.8	86-130		6.87	30	
1,4-Dichlorobenzene	9.9		"	10.0		98.8	85-130		5.51	30	
1,4-Dioxane	240		"	210		113	10-349		3.60	30	
2-Butanone	11		"	10.0		107	49-152		3.42	30	
2-Hexanone	12		"	10.0		122	51-146		5.75	30	
4-Methyl-2-pentanone	12		"	10.0		120	57-145		4.44	30	
Acetone	11		"	10.0		109	14-150		3.84	30	
Acrolein	6.2		"	10.0		62.4	10-153		2.27	30	
Acrylonitrile	12		"	10.0		117	51-150		2.86	30	
Benzene	11		"	10.0		107	85-126		4.74	30	
Bromochloromethane	12		"	10.0		123	77-128		1.77	30	
Bromodichloromethane	11		"	10.0		110	79-128		2.34	30	
Bromoform	9.7		"	10.0		96.8	78-133		2.62	30	
Bromomethane	9.2		"	10.0		92.3	43-168		4.24	30	
Carbon disulfide	11		"	10.0		114	68-146		6.96	30	
Carbon tetrachloride	10		"	10.0		104	77-141		4.32	30	
Chlorobenzene	11		"	10.0		107	88-120		3.49	30	
Chloroethane	11		"	10.0		113	65-136		7.18	30	
Chloroform	11		"	10.0		106	82-128		4.23	30	
Chloromethane	11		"	10.0		108	43-155		8.97	30	
cis-1,2-Dichloroethylene	11		"	10.0		114	83-129		3.97	30	
cis-1,3-Dichloropropylene	11		"	10.0		112	80-131		2.30	30	
Cyclohexane	9.3		"	10.0		92.9	63-149		4.52	30	
Dibromochloromethane	11		"	10.0		106	80-130		0.282	30	
Dibromomethane	11		"	10.0		110	72-134		0.455	30	
Dichlorodifluoromethane	12		"	10.0		123	44-144		7.94	30	
Ethyl Benzene	12		"	10.0		116	80-131		3.31	30	
Hexachlorobutadiene	14		"	10.0		136	67-146		3.76	30	
Isopropylbenzene	10		"	10.0		105	76-140		9.82	30	
Methyl acetate	10		"	10.0		102	51-139		2.27	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		111	76-135		1.63	30	
Methylcyclohexane	11		"	10.0		112	72-143		4.02	30	
Methylene chloride	12		"	10.0		122	55-137		1.87	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC11932 - EPA 5030B											
LCS Dup (BC11932-BSD1)								Prepared & Analyzed: 03/31/2021			
n-Butylbenzene	12		ug/L	10.0		122	79-132		7.70	30	
n-Propylbenzene	11		"	10.0		107	78-133		9.07	30	
o-Xylene	11		"	10.0		115	78-130		2.75	30	
p- & m- Xylenes	23		"	20.0		117	77-133		3.39	30	
p-Isopropyltoluene	11		"	10.0		112	81-136		7.57	30	
sec-Butylbenzene	12		"	10.0		116	79-137		7.37	30	
Styrene	11		"	10.0		115	67-132		2.66	30	
tert-Butyl alcohol (TBA)	49		"	50.0		97.4	25-162		7.52	30	
tert-Butylbenzene	8.9		"	10.0		89.4	77-138		8.57	30	
Tetrachloroethylene	10		"	10.0		101	82-131		5.32	30	
Toluene	11		"	10.0		111	80-127		4.50	30	
trans-1,2-Dichloroethylene	12		"	10.0		118	80-132		5.67	30	
trans-1,3-Dichloropropylene	11		"	10.0		114	78-131		0.440	30	
trans-1,4-dichloro-2-butene	11		"	10.0		106	63-141		3.33	30	
Trichloroethylene	11		"	10.0		108	82-128		5.76	30	
Trichlorofluoromethane	12		"	10.0		117	67-139		7.00	30	
Vinyl Chloride	12		"	10.0		116	58-145		8.97	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.68*		*"*	*10.0*		*96.8*	*79-122*				
Batch BD10031 - EPA 5030B											
Blank (BD10031-BLK1)								Prepared & Analyzed: 04/01/2021			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	0.36	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD10031 - EPA 5030B											
Blank (BD10031-BLK1)											
Prepared & Analyzed: 04/01/2021											
Bromochloromethane	ND	0.50	ug/L								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.31*		*"*	*10.0*		*93.1*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.65*		*"*	*10.0*		*96.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.45*		*"*	*10.0*		*94.5*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD10031 - EPA 5030B											
LCS (BD10031-BS1)								Prepared & Analyzed: 04/01/2021			
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		103	82-126				
1,1,1-Trichloroethane	11		"	10.0		110	78-136				
1,1,2,2-Tetrachloroethane	8.9		"	10.0		89.3	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13		"	10.0		132	54-165				
1,1,2-Trichloroethane	9.1		"	10.0		91.0	82-123				
1,1-Dichloroethane	11		"	10.0		108	82-129				
1,1-Dichloroethylene	12		"	10.0		116	68-138				
1,2,3-Trichlorobenzene	9.2		"	10.0		92.5	40-130				
1,2,3-Trichloropropane	9.3		"	10.0		93.1	77-128				
1,2,4-Trichlorobenzene	11		"	10.0		106	65-137				
1,2,4-Trimethylbenzene	12		"	10.0		118	82-132				
1,2-Dibromo-3-chloropropane	8.1		"	10.0		81.4	45-147				
1,2-Dibromoethane	9.1		"	10.0		90.8	83-124				
1,2-Dichlorobenzene	11		"	10.0		107	79-123				
1,2-Dichloroethane	9.6		"	10.0		96.3	73-132				
1,2-Dichloropropane	10		"	10.0		105	78-126				
1,3,5-Trimethylbenzene	12		"	10.0		120	80-131				
1,3-Dichlorobenzene	11		"	10.0		111	86-130				
1,4-Dichlorobenzene	11		"	10.0		108	85-130				
1,4-Dioxane	110		"	210		54.0	10-349				
2-Butanone	8.2		"	10.0		81.8	49-152				
2-Hexanone	6.4		"	10.0		64.5	51-146				
4-Methyl-2-pentanone	6.7		"	10.0		67.1	57-145				
Acetone	9.1		"	10.0		90.8	14-150				
Acrolein	5.7		"	10.0		56.7	10-153				
Acrylonitrile	9.4		"	10.0		94.2	51-150				
Benzene	11		"	10.0		114	85-126				
Bromochloromethane	9.8		"	10.0		97.6	77-128				
Bromodichloromethane	9.8		"	10.0		97.5	79-128				
Bromoform	8.9		"	10.0		89.2	78-133				
Bromomethane	8.8		"	10.0		88.3	43-168				
Carbon disulfide	13		"	10.0		125	68-146				
Carbon tetrachloride	11		"	10.0		110	77-141				
Chlorobenzene	11		"	10.0		110	88-120				
Chloroethane	12		"	10.0		123	65-136				
Chloroform	11		"	10.0		110	82-128				
Chloromethane	15		"	10.0		145	43-155				
cis-1,2-Dichloroethylene	11		"	10.0		111	83-129				
cis-1,3-Dichloropropylene	9.1		"	10.0		91.2	80-131				
Cyclohexane	9.2		"	10.0		92.1	63-149				
Dibromochloromethane	9.2		"	10.0		91.8	80-130				
Dibromomethane	9.2		"	10.0		92.4	72-134				
Dichlorodifluoromethane	19		"	10.0		191	44-144	High Bias			
Ethyl Benzene	12		"	10.0		116	80-131				
Hexachlorobutadiene	13		"	10.0		126	67-146				
Isopropylbenzene	12		"	10.0		118	76-140				
Methyl acetate	7.4		"	10.0		74.2	51-139				
Methyl tert-butyl ether (MTBE)	8.6		"	10.0		85.7	76-135				
Methylcyclohexane	11		"	10.0		115	72-143				
Methylene chloride	10		"	10.0		103	55-137				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD10031 - EPA 5030B											
LCS (BD10031-BS1)							Prepared & Analyzed: 04/01/2021				
n-Butylbenzene	11		ug/L	10.0		113	79-132				
n-Propylbenzene	12		"	10.0		120	78-133				
o-Xylene	11		"	10.0		110	78-130				
p- & m- Xylenes	24		"	20.0		118	77-133				
p-Isopropyltoluene	12		"	10.0		121	81-136				
sec-Butylbenzene	12		"	10.0		124	79-137				
Styrene	11		"	10.0		109	67-132				
tert-Butyl alcohol (TBA)	24		"	50.0		48.8	25-162				
tert-Butylbenzene	10		"	10.0		102	77-138				
Tetrachloroethylene	11		"	10.0		114	82-131				
Toluene	11		"	10.0		113	80-127				
trans-1,2-Dichloroethylene	12		"	10.0		118	80-132				
trans-1,3-Dichloropropylene	8.4		"	10.0		84.1	78-131				
trans-1,4-dichloro-2-butene	8.5		"	10.0		85.4	63-141				
Trichloroethylene	11		"	10.0		112	82-128				
Trichlorofluoromethane	13		"	10.0		127	67-139				
Vinyl Chloride	13		"	10.0		132	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.05*		*"*	*10.0*		*80.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.78*		*"*	*10.0*		*97.8*	*79-122*				
LCS Dup (BD10031-BSD1)							Prepared & Analyzed: 04/01/2021				
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		105	82-126		1.92	30	
1,1,1-Trichloroethane	11		"	10.0		108	78-136		2.39	30	
1,1,2,2-Tetrachloroethane	9.9		"	10.0		99.3	76-129		10.6	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13		"	10.0		128	54-165		3.23	30	
1,1,2-Trichloroethane	10		"	10.0		103	82-123		12.7	30	
1,1-Dichloroethane	10		"	10.0		105	82-129		2.45	30	
1,1-Dichloroethylene	11		"	10.0		112	68-138		3.69	30	
1,2,3-Trichlorobenzene	10		"	10.0		102	40-130		9.67	30	
1,2,3-Trichloropropane	10		"	10.0		100	77-128		7.15	30	
1,2,4-Trichlorobenzene	11		"	10.0		111	65-137		5.07	30	
1,2,4-Trimethylbenzene	11		"	10.0		108	82-132		8.50	30	
1,2-Dibromo-3-chloropropane	9.0		"	10.0		89.8	45-147		9.81	30	
1,2-Dibromoethane	10		"	10.0		103	83-124		12.2	30	
1,2-Dichlorobenzene	11		"	10.0		108	79-123		0.279	30	
1,2-Dichloroethane	11		"	10.0		106	73-132		9.78	30	
1,2-Dichloropropane	10		"	10.0		104	78-126		1.15	30	
1,3,5-Trimethylbenzene	11		"	10.0		108	80-131		10.5	30	
1,3-Dichlorobenzene	11		"	10.0		106	86-130		4.88	30	
1,4-Dichlorobenzene	11		"	10.0		106	85-130		2.05	30	
1,4-Dioxane	150		"	210		70.4	10-349		26.3	30	
2-Butanone	9.2		"	10.0		91.6	49-152		11.3	30	
2-Hexanone	8.4		"	10.0		84.1	51-146		26.4	30	
4-Methyl-2-pentanone	8.6		"	10.0		86.5	57-145		25.3	30	
Acetone	11		"	10.0		114	14-150		22.2	30	
Acrolein	7.4		"	10.0		74.2	10-153		26.7	30	
Acrylonitrile	12		"	10.0		116	51-150		20.3	30	
Benzene	11		"	10.0		111	85-126		2.14	30	
Bromochloromethane	11		"	10.0		108	77-128		9.84	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD10031 - EPA 5030B											
LCS Dup (BD10031-BSD1)								Prepared & Analyzed: 04/01/2021			
Bromodichloromethane	10		ug/L	10.0		101	79-128		3.43	30	
Bromoform	10		"	10.0		102	78-133		13.7	30	
Bromomethane	9.0		"	10.0		89.7	43-168		1.57	30	
Carbon disulfide	12		"	10.0		121	68-146		3.90	30	
Carbon tetrachloride	11		"	10.0		107	77-141		2.95	30	
Chlorobenzene	11		"	10.0		107	88-120		2.12	30	
Chloroethane	12		"	10.0		119	65-136		3.40	30	
Chloroform	11		"	10.0		109	82-128		1.37	30	
Chloromethane	14		"	10.0		139	43-155		4.01	30	
cis-1,2-Dichloroethylene	11		"	10.0		109	83-129		2.09	30	
cis-1,3-Dichloropropylene	9.6		"	10.0		95.7	80-131		4.82	30	
Cyclohexane	9.1		"	10.0		90.7	63-149		1.53	30	
Dibromochloromethane	10		"	10.0		104	80-130		12.1	30	
Dibromomethane	9.9		"	10.0		99.4	72-134		7.30	30	
Dichlorodifluoromethane	18		"	10.0		184	44-144	High Bias	3.74	30	
Ethyl Benzene	11		"	10.0		111	80-131		4.85	30	
Hexachlorobutadiene	12		"	10.0		124	67-146		2.32	30	
Isopropylbenzene	10		"	10.0		104	76-140		12.9	30	
Methyl acetate	9.3		"	10.0		92.6	51-139		22.1	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		105	76-135		20.1	30	
Methylcyclohexane	11		"	10.0		109	72-143		5.55	30	
Methylene chloride	11		"	10.0		108	55-137		4.54	30	
n-Butylbenzene	10		"	10.0		102	79-132		9.98	30	
n-Propylbenzene	11		"	10.0		106	78-133		12.6	30	
o-Xylene	11		"	10.0		109	78-130		1.37	30	
p- & m- Xylenes	22		"	20.0		112	77-133		5.30	30	
p-Isopropyltoluene	11		"	10.0		111	81-136		8.52	30	
sec-Butylbenzene	11		"	10.0		112	79-137		10.4	30	
Styrene	11		"	10.0		110	67-132		0.274	30	
tert-Butyl alcohol (TBA)	37		"	50.0		74.8	25-162		42.0	30	Non-dir.
tert-Butylbenzene	9.1		"	10.0		91.1	77-138		11.4	30	
Tetrachloroethylene	11		"	10.0		107	82-131		6.53	30	
Toluene	11		"	10.0		107	80-127		5.47	30	
trans-1,2-Dichloroethylene	11		"	10.0		114	80-132		3.72	30	
trans-1,3-Dichloropropylene	9.3		"	10.0		92.8	78-131		9.84	30	
trans-1,4-dichloro-2-butene	9.2		"	10.0		92.1	63-141		7.55	30	
Trichloroethylene	11		"	10.0		105	82-128		6.53	30	
Trichlorofluoromethane	12		"	10.0		123	67-139		3.52	30	
Vinyl Chloride	13		"	10.0		127	58-145		3.87	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.06*		*"*	*10.0*		*90.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.73*		*"*	*10.0*		*97.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.54*		*"*	*10.0*		*95.4*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD10031 - EPA 5030B											
Matrix Spike (BD10031-MS1)	*Source sample: 21C1405-01 (Matrix Spike)							Prepared & Analyzed: 04/01/2021			
1,1,1,2-Tetrachloroethane	2.1		ug/L	10.0	0.0	20.6	45-161	Low Bias			
1,1,1-Trichloroethane	2.5		"	10.0	0.0	24.8	70-146	Low Bias			
1,1,2,2-Tetrachloroethane	3.9		"	10.0	0.0	39.2	74-121	Low Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	3.3		"	10.0	0.0	32.6	21-217				
1,1,2-Trichloroethane	2.6		"	10.0	0.0	25.5	59-146	Low Bias			
1,1-Dichloroethane	2.5		"	10.0	0.0	24.6	54-146	Low Bias			
1,1-Dichloroethylene	2.9		"	10.0	0.0	28.7	44-165	Low Bias			
1,2,3-Trichlorobenzene	1.6		"	10.0	0.0	16.2	40-161	Low Bias			
1,2,3-Trichloropropane	2.5		"	10.0	0.0	24.7	74-127	Low Bias			
1,2,4-Trichlorobenzene	1.6		"	10.0	0.0	16.5	41-161	Low Bias			
1,2,4-Trimethylbenzene	2.2		"	10.0	0.37	18.7	72-129	Low Bias			
1,2-Dibromo-3-chloropropane	1.9		"	10.0	0.0	19.0	31-151	Low Bias			
1,2-Dibromoethane	2.4		"	10.0	0.0	24.1	75-125	Low Bias			
1,2-Dichlorobenzene	2.0		"	10.0	0.0	19.8	63-122	Low Bias			
1,2-Dichloroethane	2.4		"	10.0	0.0	23.8	68-131	Low Bias			
1,2-Dichloropropane	2.4		"	10.0	0.0	23.7	77-121	Low Bias			
1,3,5-Trimethylbenzene	2.0		"	10.0	0.0	19.6	69-126	Low Bias			
1,3-Dichlorobenzene	1.9		"	10.0	0.0	19.1	74-119	Low Bias			
1,4-Dichlorobenzene	2.0		"	10.0	0.0	19.7	70-124	Low Bias			
1,4-Dioxane	23		"	210	0.0	11.0	10-310				
2-Butanone	660		"	10.0	620	466	10-193	High Bias			
2-Hexanone	15		"	10.0	13	16.5	53-133	Low Bias			
4-Methyl-2-pentanone	22		"	10.0	20	19.4	38-150	Low Bias			
Acetone	130		"	10.0	120	41.6	13-149				
Acrolein	3.8		"	10.0	0.0	37.6	10-195				
Acrylonitrile	2.5		"	10.0	0.0	24.7	37-165	Low Bias			
Benzene	3.0		"	10.0	0.40	26.2	38-155	Low Bias			
Bromochloromethane	2.5		"	10.0	0.0	25.2	75-121	Low Bias			
Bromodichloromethane	2.1		"	10.0	0.0	21.0	70-129	Low Bias			
Bromoform	2.0		"	10.0	0.0	19.8	66-136	Low Bias			
Bromomethane	0.65		"	10.0	0.0	6.50	30-158	Low Bias			
Carbon disulfide	3.3		"	10.0	0.0	32.8	10-138				
Carbon tetrachloride	2.4		"	10.0	0.0	23.9	71-146	Low Bias			
Chlorobenzene	2.3		"	10.0	0.0	23.1	81-117	Low Bias			
Chloroethane	3.3		"	10.0	0.0	33.3	51-145	Low Bias			
Chloroform	2.5		"	10.0	0.0	25.0	80-124	Low Bias			
Chloromethane	3.3		"	10.0	0.0	32.8	16-163				
cis-1,2-Dichloroethylene	2.9		"	10.0	0.39	25.5	76-125	Low Bias			
cis-1,3-Dichloropropylene	2.0		"	10.0	0.0	19.9	58-131	Low Bias			
Cyclohexane	2.2		"	10.0	0.0	22.1	70-130	Low Bias			
Dibromochloromethane	2.1		"	10.0	0.0	20.9	71-129	Low Bias			
Dibromomethane	2.3		"	10.0	0.0	23.1	76-120	Low Bias			
Dichlorodifluoromethane	5.3		"	10.0	0.0	53.1	30-147				
Ethyl Benzene	2.5		"	10.0	0.23	22.7	72-128	Low Bias			
Hexachlorobutadiene	1.4		"	10.0	0.0	13.5	34-166	Low Bias			
Isopropylbenzene	1.9		"	10.0	0.0	19.2	66-139	Low Bias			
Methyl acetate	2.2		"	10.0	0.0	21.8	10-200				
Methyl tert-butyl ether (MTBE)	2.3		"	10.0	0.0	22.9	75-128	Low Bias			
Methylcyclohexane	2.2		"	10.0	0.0	21.6	70-130	Low Bias			
Methylene chloride	3.7		"	10.0	1.2	25.0	57-128	Low Bias			

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD10031 - EPA 5030B											
Matrix Spike (BD10031-MS1)	*Source sample: 21C1405-01 (Matrix Spike)							Prepared & Analyzed: 04/01/2021			
n-Butylbenzene	1.6		ug/L	10.0	0.0	15.6	61-138	Low Bias			
n-Propylbenzene	2.0		"	10.0	0.0	20.3	66-134	Low Bias			
o-Xylene	2.3		"	10.0	0.17	21.5	69-126	Low Bias			
p- & m- Xylenes	4.9		"	20.0	0.32	22.8	67-130	Low Bias			
p-Isopropyltoluene	1.8		"	10.0	0.0	17.9	64-137	Low Bias			
sec-Butylbenzene	1.8		"	10.0	0.0	18.1	53-155	Low Bias			
Styrene	2.2		"	10.0	0.0	22.1	69-125	Low Bias			
tert-Butyl alcohol (TBA)	11		"	50.0	0.0	21.3	10-130				
tert-Butylbenzene	1.5		"	10.0	0.0	15.2	65-139	Low Bias			
Tetrachloroethylene	2.9		"	10.0	0.63	22.4	64-139	Low Bias			
Toluene	2.9		"	10.0	0.57	23.5	76-123	Low Bias			
trans-1,2-Dichloroethylene	2.8		"	10.0	0.0	27.9	79-131	Low Bias			
trans-1,3-Dichloropropylene	2.0		"	10.0	0.0	19.6	55-130	Low Bias			
trans-1,4-dichloro-2-butene	2.1		"	10.0	0.0	20.9	25-155	Low Bias			
Trichloroethylene	2.5		"	10.0	0.0	25.1	53-145	Low Bias			
Trichlorofluoromethane	3.2		"	10.0	0.0	31.8	61-142	Low Bias			
Vinyl Chloride	3.4		"	10.0	0.0	34.3	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.34*		*"*	*10.0*		*93.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.67*		*"*	*10.0*		*96.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.13*		*"*	*10.0*		*91.3*	*79-122*				
Matrix Spike Dup (BD10031-MSD1)	*Source sample: 21C1405-01 (Matrix Spike Dup)							Prepared & Analyzed: 04/01/2021			
1,1,1,2-Tetrachloroethane	9.4		ug/L	10.0	0.0	93.6	45-161		128	30	Non-dir.
1,1,1-Trichloroethane	11		"	10.0	0.0	109	70-146		126	30	Non-dir.
1,1,2,2-Tetrachloroethane	13		"	10.0	0.0	125	74-121	High Bias	105	30	Non-dir.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14		"	10.0	0.0	136	21-217		123	30	Non-dir.
1,1,2-Trichloroethane	10		"	10.0	0.0	102	59-146		120	30	Non-dir.
1,1-Dichloroethane	11		"	10.0	0.0	108	54-146		126	30	Non-dir.
1,1-Dichloroethylene	12		"	10.0	0.0	124	44-165		125	30	Non-dir.
1,2,3-Trichlorobenzene	7.5		"	10.0	0.0	75.0	40-161		129	30	Non-dir.
1,2,3-Trichloropropane	11		"	10.0	0.0	105	74-127		124	30	Non-dir.
1,2,4-Trichlorobenzene	7.8		"	10.0	0.0	77.7	41-161		130	30	Non-dir.
1,2,4-Trimethylbenzene	9.0		"	10.0	0.37	86.7	72-129		129	30	Non-dir.
1,2-Dibromo-3-chloropropane	8.5		"	10.0	0.0	85.2	31-151		127	30	Non-dir.
1,2-Dibromoethane	10		"	10.0	0.0	103	75-125		124	30	Non-dir.
1,2-Dichlorobenzene	8.8		"	10.0	0.0	88.3	63-122		127	30	Non-dir.
1,2-Dichloroethane	10		"	10.0	0.0	101	68-131		123	30	Non-dir.
1,2-Dichloropropane	9.9		"	10.0	0.0	99.3	77-121		123	30	Non-dir.
1,3,5-Trimethylbenzene	8.9		"	10.0	0.0	89.0	69-126		128	30	Non-dir.
1,3-Dichlorobenzene	8.5		"	10.0	0.0	85.4	74-119		127	30	Non-dir.
1,4-Dichlorobenzene	8.6		"	10.0	0.0	86.3	70-124		126	30	Non-dir.
1,4-Dioxane	120		"	210	0.0	58.7	10-310		137	30	Non-dir.
2-Butanone	660		"	10.0	620	473	10-193	High Bias	1.43	30	
2-Hexanone	23		"	10.0	13	97.1	53-133		142	30	Non-dir.
4-Methyl-2-pentanone	29		"	10.0	20	95.6	38-150		133	30	Non-dir.
Acetone	140		"	10.0	120	123	13-149		98.8	30	Non-dir.
Acrolein	8.8		"	10.0	0.0	87.7	10-195		80.0	30	Non-dir.
Acrylonitrile	12		"	10.0	0.0	119	37-165		131	30	Non-dir.
Benzene	12		"	10.0	0.40	112	38-155		124	30	Non-dir.
Bromochloromethane	10		"	10.0	0.0	104	75-121		122	30	Non-dir.

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD10031 - EPA 5030B											
Matrix Spike Dup (BD10031-MSD1)	*Source sample: 21C1405-01 (Matrix Spike Dup)								Prepared & Analyzed: 04/01/2021		
Bromodichloromethane	8.9		ug/L	10.0	0.0	89.4	70-129		124	30	Non-dir.
Bromoform	9.3		"	10.0	0.0	93.1	66-136		130	30	Non-dir.
Bromomethane	4.4		"	10.0	0.0	43.5	30-158		148	30	Non-dir.
Carbon disulfide	13		"	10.0	0.0	133	10-138		121	30	Non-dir.
Carbon tetrachloride	11		"	10.0	0.0	108	71-146		128	30	Non-dir.
Chlorobenzene	9.8		"	10.0	0.0	98.1	81-117		124	30	Non-dir.
Chloroethane	13		"	10.0	0.0	128	51-145		118	30	Non-dir.
Chloroform	11		"	10.0	0.0	106	80-124		124	30	Non-dir.
Chloromethane	16		"	10.0	0.0	158	16-163		131	30	Non-dir.
cis-1,2-Dichloroethylene	11		"	10.0	0.39	106	76-125		123	30	Non-dir.
cis-1,3-Dichloropropylene	8.4		"	10.0	0.0	84.4	58-131		124	30	Non-dir.
Cyclohexane	9.8		"	10.0	0.0	98.0	70-130		126	30	Non-dir.
Dibromochloromethane	9.4		"	10.0	0.0	94.1	71-129		127	30	Non-dir.
Dibromomethane	9.7		"	10.0	0.0	97.2	76-120		123	30	Non-dir.
Dichlorodifluoromethane	20		"	10.0	0.0	205	30-147	High Bias	118	30	Non-dir.
Ethyl Benzene	10		"	10.0	0.23	101	72-128		126	30	Non-dir.
Hexachlorobutadiene	7.5		"	10.0	0.0	75.2	34-166		139	30	Non-dir.
Isopropylbenzene	8.6		"	10.0	0.0	86.3	66-139		127	30	Non-dir.
Methyl acetate	10		"	10.0	0.0	103	10-200		130	30	Non-dir.
Methyl tert-butyl ether (MTBE)	11		"	10.0	0.0	105	75-128		129	30	Non-dir.
Methylcyclohexane	9.6		"	10.0	0.0	96.3	70-130		127	30	Non-dir.
Methylene chloride	12		"	10.0	1.2	107	57-128		124	30	Non-dir.
n-Butylbenzene	7.2		"	10.0	0.0	71.6	61-138		128	30	Non-dir.
n-Propylbenzene	9.1		"	10.0	0.0	90.8	66-134		127	30	Non-dir.
o-Xylene	9.8		"	10.0	0.17	95.8	69-126		127	30	Non-dir.
p- & m- Xylenes	21		"	20.0	0.32	101	67-130		126	30	Non-dir.
p-Isopropyltoluene	8.2		"	10.0	0.0	81.6	64-137		128	30	Non-dir.
sec-Butylbenzene	8.5		"	10.0	0.0	84.8	53-155		130	30	Non-dir.
Styrene	9.8		"	10.0	0.0	97.8	69-125		126	30	Non-dir.
tert-Butyl alcohol (TBA)	42		"	50.0	0.0	83.2	10-130		119	30	Non-dir.
tert-Butylbenzene	7.2		"	10.0	0.0	72.3	65-139		131	30	Non-dir.
Tetrachloroethylene	10		"	10.0	0.63	97.4	64-139		125	30	Non-dir.
Toluene	11		"	10.0	0.57	100	76-123		124	30	Non-dir.
trans-1,2-Dichloroethylene	12		"	10.0	0.0	120	79-131		124	30	Non-dir.
trans-1,3-Dichloropropylene	8.5		"	10.0	0.0	85.1	55-130		125	30	Non-dir.
trans-1,4-dichloro-2-butene	9.0		"	10.0	0.0	90.4	25-155		125	30	Non-dir.
Trichloroethylene	10		"	10.0	0.0	102	53-145		121	30	Non-dir.
Trichlorofluoromethane	14		"	10.0	0.0	136	61-142		124	30	Non-dir.
Vinyl Chloride	15		"	10.0	0.0	148	31-165		125	30	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.41*		*"*	*10.0*		*94.1*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.63*		*"*	*10.0*		*96.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.08*		*"*	*10.0*		*90.8*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21C1365-01	MW-13	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21C1365-02	MW-13I	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21C1365-03	MW-15	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21C1365-04	MW-16	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21C1365-05	MW-18	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21C1365-06	DUP-13	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21C1365-07	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Corrective Action: A sample (DUP-13) and a Trip Blank were received by the lab, but not listed on the COC.

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

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. 21C1365

YOUR Information	Report To:	Invoice To:
Company: ECOTEC LLC	Company: Same	Company: Same
Address: 3 NANCY CT, SHELTON WAREHOUSE FALLS NY	Address:	Address:
Phone.: 845-847-0003	Phone.:	Phone.:
Contact: EVAN STANKUS	Contact:	Contact:
E-mail: estankus@ecotecllc.com	E-mail:	E-mail:

YOUR Project Number: 21-005

YOUR Project Name: PROVAN

YOUR PO#:

Turn-Around Time

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

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

Samples Collected by: (print your name above and sign below) EVAN STANKUS

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 (3) | CT RCP | Standard Excel EDD
QA Report (3) | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS (5)
NY ASP B Package | NJDKQP | NJDEP SRP HazSite
Other:

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-13	GW	3/26/21 0923	8260 FULL	3 x 40mL
MW-13I		0853		
MW-15		1130		
MW-16		1050		
MW-18		1330		

Comments:

Preservation: (check all that apply)
HCl X MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
EVAN STANKUS	3/29/21 0900	Client	3-29-21 10:00	Client	3-29-21 1455
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				[signature]	3/29/21 1455 / 3.7 Degrees C