



LIMITED SUBSURFACE INVESTIGATION REPORT

**PROPOSED SAFEGUARD SELF STORAGE LOCATION
101-21 101st STREET
OZONE PARK, NEW YORK**

ATC PROJECT NO. NPSSS19008

Prepared for:
SafeGuard Self Storage
105 Maxess Road, Suite 125
Melville, New York 11747

December 10, 2019

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General Information

Project Name	Proposed Safeguard Self Storage
Project Address	101-21 101st Street, Ozone Park, New York
Job Reference	NPSSS19008
Date	December 10, 2019

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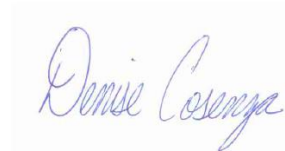
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1.0 INTRODUCTION

ATC Group Services LLC (ATC) is pleased to submit this Limited Subsurface Investigation (LSI) Report to Safeguard Self Storage for the property located at 390 Riverdale Avenue, Yonkers, New York 10705 (hereafter referred to as "property"). The report summarizes the soil, groundwater and soil vapor sampling results for soil borings completed on the property in November 2019. The property location is shown on Figure 1.

1.1 Background

The purpose of this investigation was to further evaluate *recognized environmental conditions* identified in the Phase I ESA prepared by ATC, dated November 2019, as follows:

- 1) Ozone Industries located on the western adjoining parcel across 101st Street was a manufacturing facility that operated from 1948 until 1996. Operations occurred on this adjoining parcel 101-32 101st Street as well as 101-57 100th Street, eight bays situated beneath an abandoned, elevated Long Island Railroad (LIRR) right-of-way located approximately 180 feet to the west of the subject property. It is reported that at one point Ozone Industries was located on the subject property address (101-21 101st Street), but none of these listings discussed are reported for the property address. Endzone Inc., the successor to Ozone Industries entered into a Consent Order which requires them to implement a full remedial program including a Remedial Investigation and Feasibility Study (RI/FS). The field work was completed and a Record of Decision (ROD) was signed in February 2010. The Remedial Design Work Plan was approved on January 31, 2011. Endzone mobilized on June 10, 2013 to begin the Remedial Action. Groundwater was found to be approximately 30 feet below ground surface (bgs) and flows to the south-southwest. There is approximately four feet of urban fill underlain by light brown medium sandy soil. Contaminants of concern at the former Ozone Industries include trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2 DCE). Shallow subsurface soil, soil vapor and groundwater are impacted as a results of stored drums of TCE in several bays below the abandoned elevated LIRR. TCE has migrated from the site several hundred feet down-gradient (south). Sub-slab soil vapors below the floors of the site had concentrations of TCE as high as 363,000 ug/m³, but the results of soil vapor samples collected south of the site in August 2006 were Non-detect (ND). It is reported that the site presents a significant environmental threat due to the potential releases of contaminants from source areas into the groundwater. Inhalation of site-related contamination via vapor intrusion is a potential pathway. Investigation of potential vapor intrusion of site contaminants has not been completed in off-site homes and businesses due to access limitations. Additional investigation of this potential exposure pathway was recommended.

New York State is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites under the Vapor Reopened database. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion. The Vapor Reopened database documents these sites and the listing for Ozone Industries (Site Code 241033) indicates that this process is "Underway" for this adjoining property. Based on this parcels close proximity to the property, the known impacts to soil and groundwater impacts are considered to represent a recognized environmental condition. In addition, the identified soil vapor concentrations above regulatory levels on this western adjoining parcel is considered to

be a vapor encroachment condition (VEC) as well as a *recognized environmental condition* to the property.

- 2) Metropolitan Garment Cleaners / Sunflower Cleaners located at 101-20 101st Street is on the western adjoining facility across 101st Street and was listed as a cleaner under Sunflower Cleaners from 1999 through 2008 and under Metropolitan Garment Cleaning from 2002 until 2014. Metropolitan Garment Cleaning Inc. was listed on the Dry Cleaning database effective February 16, 2000. Review of the regulatory databases identified tetrachloroethylene as a waste generated at this facility. No RCRA violations were reported. This facility was listed as a US Airs Minor facility from 2000 to 2009. The ICIS listing identified both "formal" and "informal" violations, but not descriptions provided. A review of the online ICIS database indicates that this is a dry cleaning plant that is still in operation. Based on the use of solvents and chemicals during dry cleaning activities, its long time use as a dry cleaner, and its close proximity to the property; this dry cleaner is considered to represent a *recognized environmental condition*, as well as a potential *vapor encroachment condition*.
- 3) Historically the property consisted of residential structures from at least 1901 until 1950. In 1959, the northern portion of the existing property building was constructed and utilized as an industrial machine shop. The southern portion of the property building was constructed in 1969 and was also used for industrial purposes until at least 2005 when the existing storage facility, Moving Right Along, occupied the building. Due to the nature of tenants occupying industrial properties, specifically materials used in machine shops, the historical and longtime use of the property for industrial purposes and as a machine shop from at least 1959 until 2005 is considered to be a *recognized environmental condition*.
- 4) ATC observed one hydraulic elevator on the property. The site elevator services the basement through the second floor and appears to have been present from at least 1966. The hydraulic elevator equipment on the first floor appeared to be in good condition with minor oil leaking with a pan placed below the leak. Five gallon buckets as well as one 55-gallon drum of hydraulic oil was observed in the elevator machine room with no evidence of a leak. ATC was able to observe the elevator pit and no drains or sumps were present. However, there was what appeared to be a mix of water and hydraulic oil in the elevator pit. It appears a skylight above the elevator shaft is leaking water during rain events. The observed condition of the hydraulic elevator pit is considered to be a *recognized environmental condition*.

1.2 Property Location and Description

The property consists of approximately 27,400 square feet of a larger lot that is developed with a one- to two-story commercial building with a partial basement that was constructed in two phases. The northern portion was constructed in 1959 and the southern extension in 1969. The building encompasses approximately 30,600 square feet and is currently occupied by Moving Right Along, a storage facility. An asphalt-paved parking area is located on the southern portion of the lot and additional storage units were located on the paved area. The property building is surrounded by concrete sidewalks to the west along 101st Street.

2.0 PHYSICAL SETTING

2.1 Topography

According to the United States Geological Survey (USGS) 7.5-Minute Quadrangle, *Jamaica, NY*, dated 1994; the elevation of the property is approximately 40 feet above mean sea level. Topography of the property is generally level. Regional topographic slope is to the south-southwest. A copy of the topographic map is included as part of Figure 1.

2.2 Soils/Geology

According to the United States Department of Agriculture (USDA) Web Soil Survey, the property is underlain by soils classified as Urban Land. Urban Land refers to soils that have been altered by urban development such as buildings and streets, where at least 85 percent of the surface is covered with asphalt, concrete or other impervious building material. Typically, these soils have been mixed with other materials, such as brick and concrete, and characteristics. Depth to the water table is at approximately 30 feet. These soils are moderately well drained.

During soil borings completed on November 25 and 26, 2019; brown fine to medium sand, with gravel in places, was encountered throughout the property to a depth of 15 feet below ground surface (bgs). Evidence of fill-type material that included sand, brick, rock fragments and gravel was present to a depth of 3 to 4 feet bgs in boring location SB-1 and SB-2.

2.3 Hydrogeology

No past groundwater investigations have been identified for the property; thus, no site-specific groundwater information was available. However, regional groundwater flow direction is generally influenced by major hydrogeologic features such as a river or lake. Surface and/or bedrock topography may also influence regional groundwater flow direction. The available hydrogeologic information indicates that the presumed local groundwater flow direction is south-southwest. It should be noted that local geologic features may cause local groundwater flow direction to differ from the regional flow direction. Local hydraulic gradient at the property was interpreted based on a review of the Jamaica, New York USGS Topographic Map.

In the soil borings completed on November 25 and 26, 2019, groundwater was encountered at approximately 29 feet bgs (19 feet below the basement's concrete slab).

3.0 LIMITED SUBSURFACE INVESTIGATION ACTIVITIES

3.1 Preliminary Activities

Prior to mobilizing to the property, preliminary activities included; coordinating with building management personnel for access to the property; scheduling with the drilling subcontractor; and coordinating with laboratory for sampling containers, sample pick-up and drop-offs; and establishing adequate turn-around-times for sample results. In addition, ATC prepared a Site-Specific Health and Safety Plan (SSHASP) consistent with applicable and appropriate requirements.

3.2 Geophysical Survey

A geophysical survey was completed on November 25, 2019 to investigate subsurface structures, utilities and anomalies in the areas of the proposed soil boring locations so that they can be avoided during drilling activities.

The geophysical method employed included a TW-6 hand-held electromagnetic metal detector, a Radiodetection (RD) transmitter and receiver used for pipe and cable locating, and a Geophysical Survey System, Inc. (GSSI) UtilityScan HS cart-mounted ground penetrating radar (GPR) system with a 350 MHz antenna.

3.3 Soil Borings and Soil/Groundwater Sampling Activities

On November 25 and 26, 2019, one (1) soil boring (SB-1) was advanced in parking area in the southern portion of the property. One (1) soil boring (SB-3) was advanced in the partial basement adjacent to the hydraulic elevator. The remaining two (2) soil borings (SB-2 and SB-4) were advanced within the first floor of the property building. The soil borings were advanced using a Geoprobe® drilling rig (Geoprobe 6600 or similar). Continuous soil cores were collected at each boring location to approximately 15 feet bgs or the water table at 19 feet bgs in the basement location. Recovered soil cores were logged for lithology and field screened to identify visual or olfactory evidence of impacts. In addition, each soil core was screened with a portable photoionization detector (PID) to obtain qualitative measurements of volatile organic vapors. At each boring location, one (1) grab soil sample was collected based on field screening (e.g., staining, odor, and/or PID readings). If no elevated PID readings or visual/olfactory observations of impacted soils were noted from the subsurface soil intervals, the soil sample was collected from approximately 5 feet below grade, except for the partial basement sample that was collected at a depth of 15 feet bgs.

Soil samples were collected into the appropriate laboratory supplied containers and placed in a cooler at 4°C for shipment to Chemtech Laboratories in Mountainside, New Jersey (New York State Department of Health (NYSDOH) ELAP Certification Number 11376) for analyses. The samples were analyzed for volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) Method 8260 and Semi-Volatile Organic Compounds (SVOCs) Base-Neutrals (B/N) by EPA Method 8270. The sample retrieved from boring location SB-3 was also analyzed for polychlorinated biphenyls (PCBs) per EPA Method 8082A. No Quality Assurance/Quality Control (QA/QC) samples were collected.

As shown in Figure 2, a temporary well was installed at one boring location to collect groundwater sample (SB-3). The temporary well consisted of a 1-inch PVC screen and riser that was installed within the open borehole to collect the sample. The water sample was collected using dedicated tubing and a peristaltic pump.

The water sample was collected into the appropriate laboratory supplied containers and placed in a cooler at 4°C for shipment to Chemtech Laboratories for analyses. The samples were analyzed for VOCs by EPA Method 8260 and SVOC B/N by EPA Method 8270. No QA/QC samples were collected.

Upon completion of drilling, each boring was filled to near grade with drill cuttings (since no significant PID measurements were recorded) and patched with asphalt to match existing conditions, where necessary.

3.4 Soil Vapor Sampling Activities

As shown in Figure 2, one (1) temporary soil vapor point was installed the northern portion of the property on the asphalt-paved parking area and three sub-slab soil vapor points were installed within the property building: one in the partial basement, one in the northern portion of the first floor and one in the southern portion of the first floor of the property building. Samples were collected in accordance with the New York State Department of Health (NYSDOH) Vapor Intrusion (VI) Guidance document, October 2008. For the three (3) sub-slab vapor samples, a 3/8" diameter hole was drilled through the concrete slab. The drill bit was advanced approximately 2 inches into the sub slab material to create an open cavity. The top 1 inch of the hole was over drilled to create a 1-inch diameter opening. A 1/8 to 1/4 inch, inert, polyethylene or Teflon tubing and stainless steel compression to thread fittings were inserted into the open hole, flush with the concrete floor. The annular space was then filled with washed #1 sand, and sealed with a concrete grout. At the one (1) soil vapor sampling location on the southern portion of the property, a 1-7/8 inch long, 1/2 inch diameter one-piece molded high-density porous polyethylene screen implant was installed approximately 5-feet below the existing grade. The implant was fitted with a 1/8 to 1/4-inch diameter, laboratory grade, polyethylene tubing that extends to the surface. The annular space was backfilled with a #1 sand to 1-foot above the screen, with the remainder of the borehole backfilled with drill cuttings and a minimum 1-foot thick bentonite slurry to grade. Samples were collected in appropriate sized Summa canisters that had been certified clean by the laboratory. Flow rate for both purging and sampling did not exceed 0.2 L/min. Following soil vapor implant placement, one to three implant volumes were purged prior to the collection of the soil-gas sample. To confirm the integrity of the annular seal, a helium tracer gas was placed around the base of the probe and at various connections in the sampling system prior to sampling. A vapor sample from the probe was then be measured for helium using a field instrument. The presence of > 5% helium in the vapor sample confirms a leak. No leaks were detected. When no helium was detected, the integrity of the seal was confirmed to be preventing outside air from entering the borehole.

Vapor samples were analyzed for VOCs in accordance with EPA Method TO-15. The method detection limit for the VOC samples shall be at least 5 parts per billion volts (ppbv). All SUMMA canisters used in the investigation were certified clean by the laboratory. After collection, the SUMMA canister was submitted to Chemtech Laboratories for analysis.

4.0 RESULTS

4.1 Geophysical Survey

Except for various utilities including electric, water and sewer lines, no other utilities or anomalies were identified in the remaining portions of the property that were surveyed during the geophysical survey.

4.2 Field Observations

At boring location SB-2 medium sand with pieces of brick, gravel and crushed stone was encountered to a depth of 4 feet bgs, below which was a medium sand to a depth of 15 feet bgs. At the remaining three boring locations (SB-1, SB-3 and SB-4) fine to medium brown sand with areas of some gravel was encountered from grade to 15 feet bgs. Groundwater was encountered only in the basement location at a depth of 19 feet bgs. No visual or olfactory evidence of impacts were observed. Soil gas PID readings ranged from 0 parts per million volts (ppmv) to 10 ppmv in the borings locations SB-2 and SB-4. Soil boring locations SB-1 and SB-3 had PID readings of 0 ppmv. Complete boring logs are present in Appendix A.

4.3 Soil Boring Analytical Results

The VOCs measured in the retrieved soil samples included 2-butanone, cis- 1,2-dichloroethene, chloroform, 1,1,1-trichloroethane, trichloroethene, tetrachloroethene, (Table 1). However, none of the detected VOCs were measured at concentrations exceeding the Residential Use Soil Cleanup Objectives (RSCO) or Commercial Use Soil Cleanup Objectives (CSCOs) per New York Code of Rules and Regulations (NYCRR) Part 375-6.8, Table 375-6.8(a); with CP-51 Soil Cleanup Guidance, NYSDEC, dated October 21, 2010. None of the remaining VOCs were measured at concentrations exceeding the method detection limit.

The SVOC compounds detected in the retrieved soil samples included dimethylphthalate, phenanthrene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene and benzo(g,h,i) perylene that were measured at concentrations less than their respective RSCO and/or CSCO (Table 2). None of the remaining SVOCs were measured at concentrations in excess of the method detection limit.

No PCBs were detected in the soil sample collected from SB-3 (Table 3).

Complete laboratory analytical report is present in Appendix B.

4.4 Groundwater Analytical Results

The VOCs detected in the groundwater sample collected included acetone, methyl tert-butyl ether, trichloroethene, toluene, tetrachloroethene, ethyl benzene and m/p xylenes. SVOCs detected in the groundwater sample collected included dimethylphthalate. No VOCs or SVOCs were measured in the retrieved groundwater samples at concentrations above their respective NYSDEC Technical and Operational Guidance Series 1.1.1 (TOGS) Ambient Water Quality Standard and Guidance Values (WQSGV) (Table 4 & Table 5). The complete laboratory analytical report is present in Appendix B.

4.5 Soil Vapor Analytical Results

ATC compared the soil gas sample laboratory analytical results to the NYSDOH Soil Vapor/Indoor Air Matrices A through C (revised May 2017) of the NYSDOH Vapor Intrusion Guidance document (October 2006) and the United States Department of Environmental Protection Agency (USEPA) Residential Soil Vapor Screening Level (RSVSL) and Commercial Soil Vapor Screening Level (CSVSL).

Several VOCs were measured in the soil vapor sample collected from the property (Table 6). Cis-1,2-dichloroethylene was detected in soil vapor sample SV-1 at 21.4 microgram per cubic meter ($\mu\text{g}/\text{m}^3$), in SV-2 at 555 $\mu\text{g}/\text{m}^3$, in SV-3 at 246 $\mu\text{g}/\text{m}^3$ and in SV-4 at 59.5 $\mu\text{g}/\text{m}^3$, which exceeded the NYSDOH Minimum Soil Vapor Matrix Concentration of 6 $\mu\text{g}/\text{m}^3$. There are no USEAP RSVSL or CSVSL for this compound. 1,1,1-trichloroethane was detected in soil vapor sample SV-2 at 476 $\mu\text{g}/\text{m}^3$, which exceeded the NYSDOH Minimum Soil Vapor Matrix Concentration of 100 $\mu\text{g}/\text{m}^3$, but was less than the EPA RSVSL of 170,000 $\mu\text{g}/\text{m}^3$ and CSVSL of 730,000 $\mu\text{g}/\text{m}^3$. Tetrachloroethylene was detected in soil vapor sample SV-2 at 1,424 $\mu\text{g}/\text{m}^3$, in SV-3 at 881 $\mu\text{g}/\text{m}^3$ and in SV-4 at 1,763 $\mu\text{g}/\text{m}^3$, which exceeded the NYSDOH Minimum Soil Vapor Matrix Concentration of 100 $\mu\text{g}/\text{m}^3$ as well as the EPA RSVSL of 360 $\mu\text{g}/\text{m}^3$ in SV-2 and SV-3. The detected concentration of tetrachloroethylene in soil vapor sample SV-4 also exceeded the EPA CSVSL of 1,600 $\mu\text{g}/\text{m}^3$. Trichloroethylene was measured at 913 $\mu\text{g}/\text{m}^3$, 28,483 $\mu\text{g}/\text{m}^3$, 5,911 $\mu\text{g}/\text{m}^3$, and 3,654 $\mu\text{g}/\text{m}^3$ in soil vapor points SV-1, SV-2, SV-3 and SV-4, respectively. These detected concentrations exceeded the NYSDOH Minimum Soil Vapor Matrix Concentration, the EPA RSVSL and CSVSL of 6 $\mu\text{g}/\text{m}^3$, 16 $\mu\text{g}/\text{m}^3$ and 100 $\mu\text{g}/\text{m}^3$, respectively. Although there is no NYSDOH Minimum Soil Vapor Matrix Concentration guidance level for chloroform, the detected concentrations in soil vapor samples SV-2 and SV-3 of 89.9 $\mu\text{g}/\text{m}^3$ and 68.9 $\mu\text{g}/\text{m}^3$, respectively, exceeded the EPA RSVSL and CSVSL of 4.1 $\mu\text{g}/\text{m}^3$ and 18 $\mu\text{g}/\text{m}^3$.

The complete laboratory analytical report is present in Appendix B.

5.0 CONCLUSIONS

ATC has completed a Limited Subsurface Investigation to assess the property for possible impact from potential off-site sources and from historical operations associated with the property. ATC offers the following conclusions from the LSI findings of November 2019:

- No VOCs, SVOCs or PCBs were identified above the NYSDEC RSCOs or CSCOs in soil samples collected. Based on the analytical data, ATC does not recommend additional investigation at this time.
- No VOCs or SVOCs were detected in groundwater above the NYS TOGS Class GA guidance and regulatory standards. ATC does not recommend additional investigation at this time.
- Several VOC compounds were detected in the soil vapor beneath the property in excess of regulatory criteria. Based on the review of regulatory documents and the soil vapor data, along with the on-site soil and groundwater data, the reported soil vapor concentrations at the property are likely from an off-site source. Based on the commercial nature of current and future property operations, ATC does not recommend additional investigation at this time. ATC recommends the placement of a vapor barrier below the proposed building as a precautionary measure.

6.0 LIMITATIONS

Our professional services have been performed, our findings obtained and our recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering in the State of New York. This warranty is in lieu of all other warranties either expressed or implied. ATC is not responsible for the independent conclusions, opinions or recommendations made by others based on the results and designs presented in this report. The passage of time may result in a change in the environmental conditions at this property and surrounding properties. This report does not warrant against future operations or conditions, nor does it warrant operations or conditions present of a type or at a location not investigated.

This subsurface investigation is limited in that results were obtained only for those areas investigated. In addition, the final depths of the advanced soil borings were dictated by proposal as agreed by the client/independent client advisors and site-specific subsurface conditions. ATC does not warrant that all areas of the property are free and clear of contamination, or that all contamination has been identified by this investigation. All investigations are limited in their scopes and results, and should only be interpreted in the context from which they were designed.

No investigation can absolutely rule out the existence or degree of any hazardous materials or petroleum products at a given site. If a higher level of confidence were required than can be defined by this scope of work, then additional investigation would, of course, be required. ATC accepts no liability arising from environmental impact to, of from, the site, regardless of the date of impact occurrence or findings.

7.0 REFERENCES

New York State Department of Conservation, *6 NYCRR Part 375, Environmental Remedial Programs*, December 14 2006.

New York State Department of Conservation, *CP-51 Soil Cleanup Guidance*, October 21, 2010.

NYSDEC Technical and Operational Guidance Series 1.1.1 (TOGS) Ambient Water Quality Standard and Guidance Values (WQSGV)

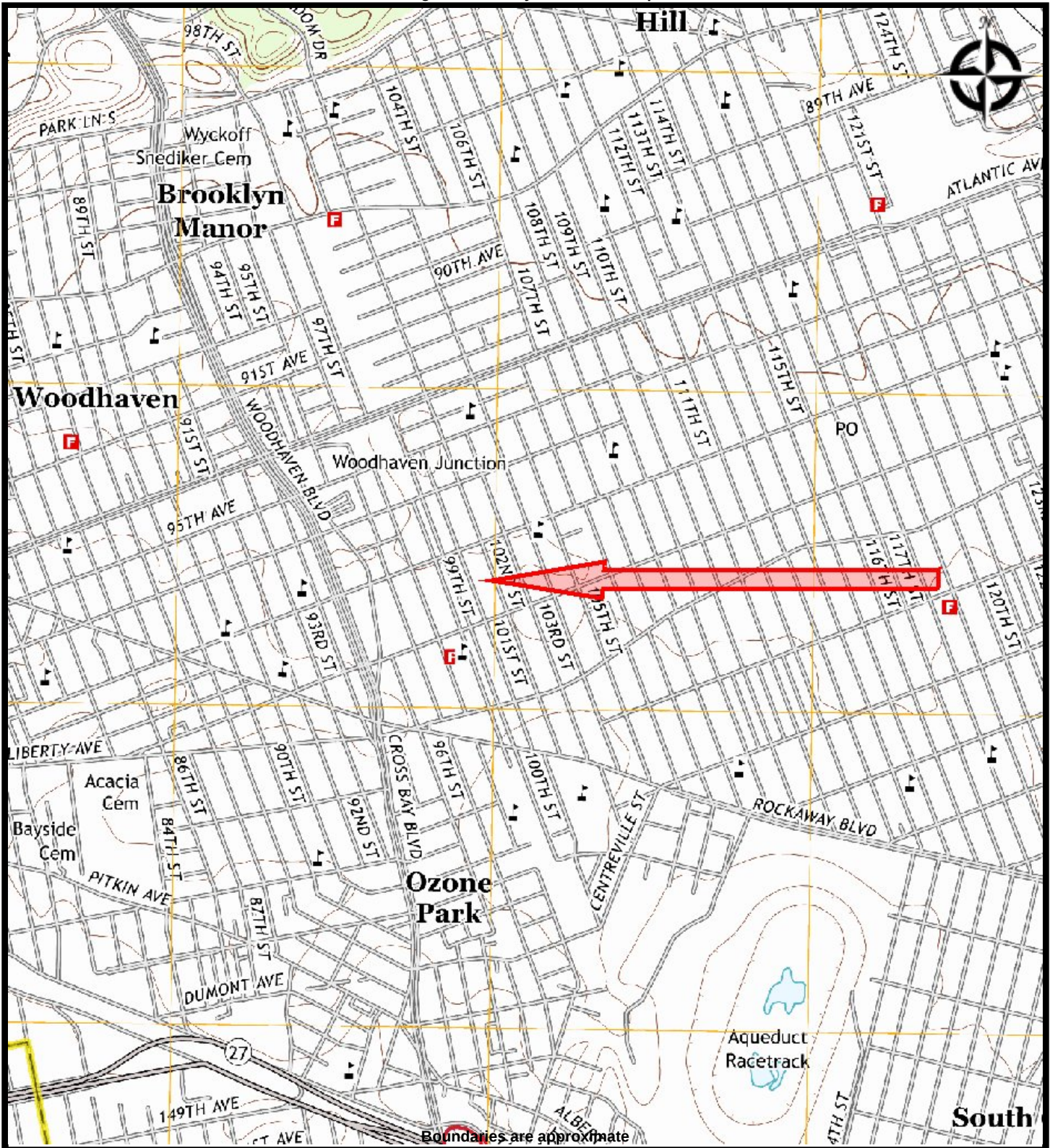
New York State Department of Health (NYSDOH) Sub-Slab Soil Vapor Guidance Values (AGVs) listed in Matrices A through C (revised May 2017) of the NYSDOH Vapor Intrusion Guidance document (October 2006)

United States Department of Environmental Protection Agency (USEPA) Residential Soil Vapor Screening Level (RSVSL).

United States Department of Environmental Protection Agency (USEPA) Commercial Target Soil Vapor Screening Level (CSVSL).



FIGURES



SITE VICINITY MAP

OZONE PARK

101-21 101st Street

Ozone Park, New York 11416

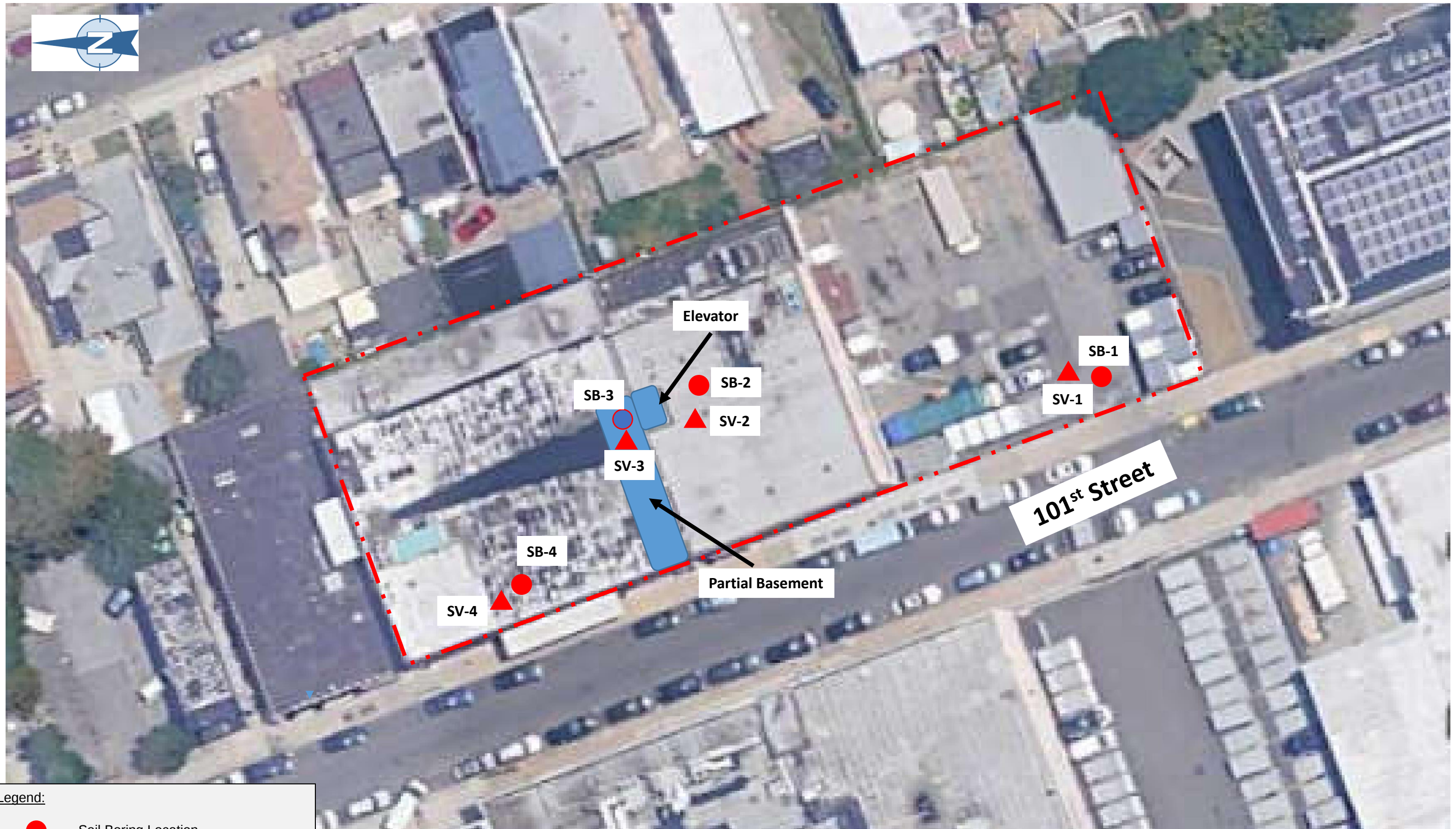
PREPARED FOR: Safeguard Self Storage

PROJ. MGR: Becky Moss

DRAWN BY: Denise Cosenza

DATE: 11/5/2019

PROJ. #: NPSSS19008



Legend:

- Soil Boring Location
- Soil Boring/Groundwater Sampling Location
- ▲ Soil Vapor Point

	104 East 25 th Street 8 th Floor New York, NY 10010 (212) 353-8280		FIGURE 2: Soil, Groundwater and Soil Vapor Sample Locations			
	101-21 101 st Street Ozone Park, New York		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;"> ATC PROJECT NUMBER NPSSS19008 </td> <td style="width: 50%; padding: 2px;"> SCALE Not to Scale </td> </tr> </table>		ATC PROJECT NUMBER NPSSS19008	SCALE Not to Scale
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; padding: 2px;"> Source: Google Earth </td> <td style="width: 40%;"></td> </tr> </table>					Source: Google Earth	
Source: Google Earth						



TABLES

TABLE 1
VOLATILE ORGANIC COMPOUNDS MEASURED IN SOIL
101-21 101ST STREET
OZONE PARK, NY

Sample ID	NY SCO - Commercial w/CP- 51 (6 NYCRR 12/06)	NY SCO Residential w/CP- 51 (6 NYCRR 12/06)	SB-1	SB-2	SB-3	SB-4
Lab Sample Number			K6069-02	K6069-03	K6069-01	K6069-04
Sampling Date			11/25/2019	11/26/2019	11/25/2019	11/26/2016
Matrix			SOIL	SOIL	SOIL	SOIL
Units			mg/kg	mg/kg	mg/kg	mg/kg
COMPOUND						
Dichlorodifluoromethane	-	-	0.0018 U	0.0017 U	0.0017 U	0.0017 U
Chloromethane	-	-	0.0029 U	0.0027 U	0.0027 U	0.0027 U
Vinyl Chloride	13	0.21	0.0018 U	0.0017 U	0.0017 U	0.0017 U
Bromomethane	-	-	0.0018 U	0.0017 U	0.0017 U	0.0017 U
Chloroethane	-	-	0.0018 U	0.0017 U	0.0017 U	0.0017 U
Trichlorofluoromethane	-	-	0.0018 U	0.0017 U	0.0017 U	0.0017 U
1,1,2-Trichlorotrifluoroethane	-	100	0.0018 U	0.0017 U	0.0017 U	0.0017 U
1,1-Dichloroethene	500	100	0.0018 U	0.0017 U	0.0017 U	0.0017 U
Acetone	500	100	0.0146 U	0.0137 U	0.0134 U	0.0136 U
Carbon Disulfide	-	100	0.0018 U	0.0017 U	0.0017 U	0.0017 U
Methyl tert-butyl Ether	500	62	0.0029 U	0.0027 U	0.0027 U	0.0027 U
Methyl Acetate	-	-	0.0029 U	0.0027 U	0.0027 U	0.0027 U
Methylene Chloride	500	51	0.0059 U	0.0055 U	0.0053 U	0.0054 U
trans-1,2-Dichloroethene	500	100	0.0029 U	0.0027 U	0.0027 U	0.0027 U
1,1-Dichloroethane	240	19	0.0018 U	0.0017 U	0.0017 U	0.0017 U
Cyclohexane	-	-	0.0029 U	0.0027 U	0.0027 U	0.0027 U
2-Butanone	500	100	0.0146 U	0.0137 U	0.0134 U	0.0062 J
Carbon Tetrachloride	22	1.4	0.0018 U	0.0017 U	0.0017 U	0.0017 U
cis-1,2-Dichloroethene	500	59	0.0018 U	0.0068	0.0017 U	0.0017 U
Bromochloromethane	-	-	0.0018 U	0.0017 U	0.0017 U	0.0017 U
Chloroform	350	10	0.0018 U	0.0007 J	0.0017 U	0.0017 U
1,1,1-Trichloroethane	500	100	0.0018 U	0.0015 J	0.0017 U	0.0017 U
Methylcyclohexane	-	-	0.0018 U	0.0017 U	0.0017 U	0.0017 U
Benzene	44	2.9	0.0018 U	0.0017 U	0.0017 U	0.0017 U
1,2-Dichloroethane	30	2.3	0.0018 U	0.0017 U	0.0017 U	0.0017 U
Trichloroethene	200	10	0.0018 U	6.4 D	0.0017 U	0.0173
1,2-Dichloropropane	-	-	0.0018 U	0.0017 U	0.0017 U	0.0017 U
Bromodichloromethane	-	-	0.0018 U	0.0017 U	0.0017 U	0.0017 U
4-Methyl-2-Pentanone	-	-	0.0092 U	0.0085 U	0.0084 U	0.0085 U
Toluene	500	100	0.0018 U	0.0017 U	0.0017 U	0.0017 U
t-1,3-Dichloropropene	-	-	0.0018 U	0.0017 U	0.0017 U	0.0017 U
cis-1,3-Dichloropropene	-	-	0.0018 U	0.0017 U	0.0017 U	0.0017 U
1,1,2-Trichloroethane	-	-	0.0029 U	0.0027 U	0.0027 U	0.0027 U
2-Hexanone	-	-	0.0146 U	0.0137 U	0.0134 U	0.0136 U
Dibromochloromethane	-	-	0.0018 U	0.0017 U	0.0017 U	0.0017 U
1,2-Dibromoethane	-	-	0.0029 U	0.0027 U	0.0027 U	0.0027 U
Tetrachloroethene	150	5.5	0.0018 U	0.0048	0.0017 U	0.0054
Chlorobenzene	500	100	0.0018 U	0.0017 U	0.0017 U	0.0017 U
Ethyl Benzene	390	30	0.0018 U	0.0017 U	0.0017 U	0.0017 U
m/p-Xylenes	-	-	0.0037 U	0.0034 U	0.0033 U	0.0034 U
o-Xylene	500	100	0.0018 U	0.0017 U	0.0017 U	0.0017 U
Styrene	-	-	0.0018 U	0.0017 U	0.0017 U	0.0017 U
Bromoform	-	-	0.0029 U	0.0027 U	0.0027 U	0.0027 U
Isopropylbenzene	-	100	0.0018 U	0.0017 U	0.0017 U	0.0017 U
1,1,2,2-Tetrachloroethane	-	35	0.0018 U	0.0017 U	0.0017 U	0.0017 U
1,3-Dichlorobenzene	280	17	0.0018 U	0.0017 U	0.0017 U	0.0017 U
1,4-Dichlorobenzene	130	9.8	0.0018 U	0.0017 U	0.0017 U	0.0017 U
1,2-Dichlorobenzene	500	100	0.0029 U	0.0027 U	0.0027 U	0.0027 U
1,2-Dibromo-3-Chloropropane	-	-	0.0029 U	0.0027 U	0.0027 U	0.0027 U
1,2,4-Trichlorobenzene	-	-	0.0018 U	0.0017 U	0.0017 U	0.0017 U
1,2,3-Trichlorobenzene	-	-	0.0029 U	0.0027 U	0.0027 U	0.0027 U
1,4-Dioxane	130	9.8	0.0732 U	0.0683 U	0.0669 U	0.0678 U

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

BOLD - Compounds detected above laboratory method detection limit

Shading = Concentration exceeds Subpart 375-6 Residential Use SCO's

Underline: = Concentration exceeds Subpart 375-6 Commercial Use SCO's

TABLE 2
SEMI-VOLATILE ORGANIC COMPOUNDS MEASURED IN SOIL
101-21 101ST STREET
OZONE PARK, NY

Sample ID	NY SCO - Commercial w/CP-51 (6 NYCRR 12/06)	NY SCO - Residential w/CP-51 (6 NYCRR 12/06)	SB-1	SB-2	SB-3	SB-4
Lab Sample Number			K6069-02	K6069-03	K6069-01	K6069-04
Sampling Date			11/25/2019	11/26/2019	11/24/2019	11/27/2019
Matrix			SOIL	SOIL	SOIL	SOIL
Units			mg/kg	mg/kg	mg/kg	mg/kg
COMPOUND						
Benzaldehyde	-	-	0.28 U	0.29 U	0.27 U	0.3 U
bis(2-Chloroethyl)ether	-	-	0.28 U	0.29 U	0.27 U	0.3 U
2,2-oxybis(1-Chloropropane)	-	-	0.28 U	0.29 U	0.27 U	0.3 U
Acetophenone	-	-	0.28 U	0.29 U	0.27 U	0.3 U
n-Nitroso-di-n-propylamine	-	-	0.28 U	0.29 U	0.27 U	0.3 U
Hexachloroethane	-	-	0.28 U	0.29 U	0.27 U	0.3 U
Nitrobenzene	69	3.7	0.28 U	0.29 U	0.27 U	0.3 U
Isophorone	-	100	0.28 U	0.29 U	0.27 U	0.3 U
bis(2-Chloroethoxy)methane	-	-	0.28 U	0.29 U	0.27 U	0.3 U
Naphthalene	500	100	0.28 U	0.29 U	0.27 U	0.3 U
4-Chloroaniline	-	100	0.28 U	0.29 U	0.27 U	0.3 U
Hexachlorobutadiene	-	-	0.28 U	0.29 U	0.27 U	0.3 U
Caprolactam	-	-	0.28 U	0.29 U	0.27 U	0.3 U
2-Methylnaphthalene	-	0.41	0.28 U	0.29 U	0.27 U	0.3 U
Hexachlorocyclopentadiene	-	-	0.28 U	0.29 U	0.27 U	0.3 U
1,1-Biphenyl	-	-	0.28 U	0.29 U	0.27 U	0.3 U
2-Chloronaphthalene	-	-	0.28 U	0.29 U	0.27 U	0.3 U
2-Nitroaniline	-	-	0.28 U	0.29 U	0.27 U	0.3 U
Dimethylphthalate	-	100	0.27 J	0.36	0.28 J	0.3 J
Acenaphthylene	500	100	0.28 U	0.29 U	0.27 U	0.3 U
2,6-Dinitrotoluene	-	1.03	0.28 U	0.29 U	0.27 U	0.3 U
3-Nitroaniline	-	-	0.28 U	0.29 U	0.27 U	0.3 U
Acenaphthene	500	100	0.28 U	0.29 U	0.27 U	0.3 U
Dibenzofuran	350	14	0.28 U	0.29 U	0.27 U	0.3 U
2,4-Dinitrotoluene	-	-	0.28 U	0.29 U	0.27 U	0.3 U
Diethylphthalate	-	100	0.28 U	0.29 U	0.27 U	0.3 U
4-Chlorophenyl-phenylether	-	-	0.28 U	0.29 U	0.27 U	0.3 U
Fluorene	500	100	0.28 U	0.29 U	0.27 U	0.3 U
4-Nitroaniline	-	-	0.28 U	0.29 U	0.27 U	0.3 U
n-Nitrosodiphenylamine	-	-	0.28 U	0.29 U	0.27 U	0.3 U
4-Bromophenyl-phenylether	-	-	0.28 U	0.29 U	0.27 U	0.3 U
Hexachlorobenzene	6	0.41	0.28 U	0.29 U	0.27 U	0.3 U
Atrazine	-	-	0.28 U	0.29 U	0.27 U	0.3 U
Phenanthrene	500	100	0.28 U	0.2 J	0.27 U	0.3 U
Anthracene	500	100	0.28 U	0.29 U	0.27 U	0.3 U
Carbazole	-	-	0.28 U	0.29 U	0.27 U	0.3 U
Di-n-butylphthalate	-	100	0.28 U	0.29 U	0.27 U	0.18 J
Fluoranthene	500	100	0.28 U	0.1 J	0.27 U	0.3 U
Pyrene	500	100	0.28 U	0.26 J	0.27 U	0.3 U
Butylbenzylphthalate	-	100	0.28 U	0.29 U	0.27 U	0.3 U
3,3-Dichlorobenzidine	-	-	0.28 U	0.29 U	0.27 U	0.3 U
Benzo(a)anthracene	5.6	1	0.28 U	0.18 J	0.27 U	0.3 U
Chrysene	56	1	0.28 U	0.17 J	0.27 U	0.3 U
Bis(2-ethylhexyl)phthalate	-	50	0.28 U	0.29 U	0.27 U	0.3 U
Di-n-octyl phthalate	-	100	0.28 U	0.29 U	0.27 U	0.3 U
Benzo(b)fluoranthene	5.6	1	0.28 U	0.26 J	0.27 U	0.3 U
Benzo(k)fluoranthene	56	1	0.28 U	0.0901 J	0.27 U	0.3 U
Benzo(a)pyrene	1	1	0.28 U	0.19 J	0.27 U	0.3 U
Indeno(1,2,3-cd)pyrene	5.6	0.5	0.28 U	0.12 J	0.27 U	0.3 U
Dibenzo(a,h)anthracene	0.56	0.33	0.28 U	0.29 U	0.27 U	0.3 U
Benzo(g,h,i)perylene	500	100	0.28 U	0.13 J	0.27 U	0.3 U
1,2,4,5-Tetrachlorobenzene	-	-	0.28 U	0.29 U	0.27 U	0.3 U

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

Shading = Concentration exceeds Subpart 375-6 Residential Use SCOs

Underline: = Concentration exceeds Subpart 375-6 Commercial Use SCOs

BOLD - Compounds detected above laboratory method detection limit

TABLE 3
POLYCHLORINATED BIPHENYL COMPOUNDS MEASURED IN SOIL
101-21 101ST STREET
OZONE PARK, NY

Sample ID	NY SCO - Residential w/CP-51 (6 NYCRR 12/06)	NY SCO - Residential w/CP- 51 (6 NYCRR 6 12/06)	SB-3
Lab Sample Number			K6069-01
Sampling Date			11/24/2019
Matrix			SOIL
Units			mg/kg
COMPOUND			
Aroclor-1016	1	1	0.0084 U
Aroclor-1221	1	1	0.0132 U
Aroclor-1232	1	1	0.0132 U
Aroclor-1242	1	1	0.0132 U
Aroclor-1248	1	1	0.0132 U
Aroclor-1254	1	1	0.0084 U
Aroclor-1262	-	-	0.0132 U
Aroclor-1268	-	-	0.0084 U
Aroclor-1260	1	1	0.0132 U

Qualifiers

U - The compound was not detected at the indicated concentration.

TABLE 4
VOLATILE ORGANIC COMPOUNDS MEASURED IN GROUNDWATER
101-21 101ST STREET
OZONE PARK, NY

Sample ID	NY TOGS Class GA GW Standards (NYSDEC 6/2004)	SB-3 WS
Lab Sample Number		K6069-05
Sampling Date		11/25/2019
Matrix		Water
Units		ug/l
COMPOUND		
Dichlorodifluoromethane	5	0.5 U
Chloromethane	5	0.75 U
Vinyl Chloride	2	0.5 U
Bromomethane	5	3.8 U
Chloroethane	5	0.75 U
Trichlorofluoromethane	5	0.5 U
1,1,2-Trichlorotrifluoroethane	5	0.5 U
1,1-Dichloroethene	5	0.5 U
Acetone	-	3.6 J
Carbon Disulfide	60	0.5 U
Methyl tert-butyl Ether	10	4.6
Methyl Acetate	-	0.75 U
Methylene Chloride	5	0.75 U
trans-1,2-Dichloroethene	5	0.5 U
1,1-Dichloroethane	5	0.5 U
Cyclohexane	-	2.5 U
2-Butanone	-	2.5 U
Carbon Tetrachloride	5	0.5 U
cis-1,2-Dichloroethene	5	0.75 U
Bromochloromethane	5	0.75 U
Chloroform	7	0.5 U
1,1,1-Trichloroethane	5	0.25 U
Methylcyclohexane	-	0.5 U
Benzene	1	0.25 U
1,2-Dichloroethane	0.6	0.5 U
Trichloroethene	5	3.6
1,2-Dichloropropane	1	0.5 U
Bromodichloromethane	-	0.25 U
4-Methyl-2-Pentanone	-	2.5 U
Toluene	5	0.27 J
t-1,3-Dichloropropene	-	0.25 U
cis-1,3-Dichloropropene	-	0.5 U
1,1,2-Trichloroethane	1	0.25 U
2-Hexanone	-	3.8 U
Dibromochloromethane	-	0.5 U
1,2-Dibromoethane	0.0006	0.5 U
Tetrachloroethene	5	1.5
Chlorobenzene	5	0.25 U
Ethyl Benzene	5	0.3 J
m/p-Xylenes	-	0.89 J
o-Xylene	5	0.5 U
Styrene	5	0.25 U
Bromoform	-	0.5 U
Isopropylbenzene	5	0.5 U
1,1,2,2-Tetrachloroethane	5	0.5 U
1,3-Dichlorobenzene	3	0.5 U
1,4-Dichlorobenzene	3	0.5 U
1,2-Dichlorobenzene	3	0.25 U
1,2-Dibromo-3-Chloropropane	0.04	0.75 U
1,2,4-Trichlorobenzene	5	0.5 U
1,2,3-Trichlorobenzene	5	0.75 U
1,4-Dioxane	-	50 U

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria.

The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

BOLD - Compounds detected above laboratory method detection limit

Shading = Concentration exceeds NY TOGS

TABLE 5
SEMI-VOLATILE ORGANIC COMPOUNDS MEASURED IN GROUNDWATER
101-21 101ST STREET
OZONE PARK, NY

Sample ID	NY TOGS Class GA GW Standards (NYSDEC 6/2004)	SB-3 WS
Lab Sample Number		K6069-05
Sampling Date		11/25/2019
Matrix		Water
Units		ug/l
COMPOUND		
Benzaldehyde	-	8 U
bis(2-Chloroethyl)ether	1	8 U
2,2-oxybis(1-Chloropropane)	5	8 U
Acetophenone	-	8 U
n-Nitroso-di-n-propylamine	-	8 U
Hexachloroethane	5	8 U
Nitrobenzene	0.4	8 U
Isophorone	-	8 U
bis(2-Chloroethoxy)methane	5	8 U
Naphthalene	-	8 U
4-Chloroaniline	5	8 U
Hexachlorobutadiene	0.5	8 U
Caprolactam	-	8 U
2-Methylnaphthalene	-	8 U
Hexachlorocyclopentadiene	5	8 U
1,1-Biphenyl	5	8 U
2-Chloronaphthalene	-	8 U
2-Nitroaniline	5	8 U
Dimethylphthalate	-	5.2 J
Acenaphthylene	-	8 U
2,6-Dinitrotoluene	5	8 U
3-Nitroaniline	5	8 U
Acenaphthene	-	8 U
Dibenzofuran	-	8 U
2,4-Dinitrotoluene	5	8 U
Diethylphthalate	-	8 U
4-Chlorophenyl-phenylether	-	8 U
Fluorene	-	8 U
4-Nitroaniline	5	8 U
n-Nitrosodiphenylamine	-	8 U
4-Bromophenyl-phenylether	-	8 U
Hexachlorobenzene	0.04	8 U
Atrazine	7.5	8 U
Phenanthrene	-	8 U
Anthracene	-	8 U
Carbazole	-	8 U
Di-n-butylphthalate	50	4 J
Fluoranthene	-	8 U
Pyrene	-	8 U
Butylbenzylphthalate	-	8 U
3,3-Dichlorobenzidine	5	8 U
Benzo(a)anthracene	-	8 U
Chrysene	-	8 U
Bis(2-ethylhexyl)phthalate	5	8 U
Di-n-octyl phthalate	-	8 U
Benzo(b)fluoranthene	-	8 U
Benzo(k)fluoranthene	-	8 U
Benzo(a)pyrene	ND	8 U
Indeno(1,2,3-cd)pyrene	-	8 U
Dibenzo(a,h)anthracene	-	8 U
Benzo(g,h,i)perylene	-	8 U
1,2,4,5-Tetrachlorobenzene	5	8 U

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria.
The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

BOLD - Compounds detected above laboratory method detection limit

Shading = Concentration exceeds NY TOGS

TABLE 6
VOLATILE ORGANIC COMPOUNDS MEASURED IN SOIL VAPOR
3101-21 101ST STREET
OZONE PARK, NY

Sample ID Lab Sample Number Sampling Date Matrix Report Units	NYSDOH Minimum Soil Vapor Matrix Concentration (ug/m3) (1)	EPA Residential Soil Vapor Screening Level (ug/m3) (2)	EPA Commercial Soil Vapor Screening Level (ug/m3) (2)	SV-1 (Soil Gas)	SV-2 (Soil Gas)	SV-3 (Soil Gas)	SV-4 (Soil Gas)
				JC97150-1	JC97150-2	JC97150-1	JC97150-2
				10/18/19	10/18/19	10/18/19	10/18/19
				Air ug/m3	Air ug/m3	Air ug/m3	Air ug/m3
		Soil Gas	Soil Gas	Results	Results	Results	Results
COMPOUND							
Acetone	NA	1,100,000	4,500,000	88.6 D	97.2 D	48.7 D	174 D
1,3-Butadiene	NA	3.1	14	0.22 U	0.22 U	0.22 U	0.22 U
Benzene	NA	12	52	9.9	8.31	2.88	5.43
Bromodichloromethane	NA	2.5	11	0.67 U	0.67 U	0.67 U	0.67 U
Bromoform	NA	85	370	1.03 U	1.03 U	1.03 U	1.03 U
Bromomethane	NA	170	730	0.39 U	0.39 U	0.39 U	0.39 U
Carbon disulfide	NA	24,000	100,000	2.68	2.86	0.31 U	5.29
Chlorobenzene	NA	1,700	7,300	0.46 U	0.46 U	0.46 U	0.46 U
Chloroethane	NA	NA	NA	0.26 U	0.26 U	1.66	0.26 U
Chloroform	NA	4.1	18	11.2	89.9* D	68.9*	8.3
Chloromethane	NA	3,100	13,000	0.21 U	0.21 U	0.21 U	0.85 J
2-Chlorotoluene	NA	NA	NA	0.52 U	0.52 U	0.52 U	0.52 U
Carbon tetrachloride	6	16	68	0.57	0.5	0.57	0.44
Cyclohexane	NA	210,000	880,000	5.51	2.48	1.82	1.62 J
1,1-Dichloroethane	NA	58	260	0.4 U	0.4 U	0.4 U	0.4 U
1,1-Dichloroethylene	6	7,000	29,000	0.4 U	2.3	0.4 U	0.4 U
1,2-Dibromoethane	NA	0.16	0.68	0.77 U	0.77 U	0.77 U	0.77 U
1,2-Dichloroethane	NA	3.6	16	0.4 U	0.4 U	0.4 U	0.4 U
1,2-Dichloropropane	NA	25	110	0.46 U	0.46 U	0.46 U	0.46 U
1,4-Dioxane	NA	19	82	1.44 U	1.44 U	1.44 U	1.44 U
Dichlorodifluoromethane	NA	3,500	15,000	2.32 J	429 D	16.3	3.16
Dibromochloromethane	NA	NA	NA	0.85 U	0.85 U	0.85 U	0.85 U
cis-1,2-Dichloroethylene	6	NA	NA	21.4	555 JD	246 D	59.5 D
cis-1,3-Dichloropropene	NA	23	100	0.45 U	0.45 U	0.45 U	0.45 U
o-Dichlorobenzene	NA	7,000	29,000	0.6 U	0.6 U	0.6 U	0.6 U
p-Dichlorobenzene	NA	8.5	37	0.6 U	0.6 U	0.6 U	0.6 U
trans-1,3-Dichloropropene	NA	23	100	0.45 U	0.45 U	0.45 U	0.45 U
Ethylbenzene	NA	37	160	6.08	4.04	3.52	1.78 J
4-Ethyltoluene	NA	NA	NA	1.62 J	2.11 J	1.67 J	1.08 J
Heptane	NA	14,000	58,000	11.5	0.41 U	2.17	2.13
Hexachlorobutadiene	NA	4.3	19	1.81 J	1.07 U	1.07 U	1.07 U
Hexane	NA	24,000	100,000	18.7	7.4	5.29	4.23
Methylene chloride	100	3,400	41,000	16	10.1	11.5	3.82
Methyl Tert Butyl Ether	NA	360	1,600	0.36 U	0.36 U	0.36 U	0.36 U
Methylmethacrylate	NA	24,000	100,000	0.41 U	0.41 U	0.41 U	0.41 U
Styrene	NA	35,000	150,000	0.43 U	0.55 J	0.43 U	0.43 U
1,1,1-Trichloroethane	100	170,000	730,000	16.9	476 D	82.4 D	24.6
1,1,2,2-Tetrachloroethane	NA	1.6	7.0	0.21 U	0.21 U	0.21 U	0.21 U
1,1,2-Trichloroethane	NA	5.8	26	0.55 U	0.55 U	0.55 U	0.55 U
1,2,4-Trichlorobenzene	NA	70	290	0.74 U	0.74 U	0.74 U	0.74 U
1,2,4-Trimethylbenzene	NA	2,100	8,800	4.47	5.9	5.41	3
1,3,5-Trimethylbenzene	NA	2,100	8,800	1.28 J	1.47 J	1.33 J	0.74 J
2,2,4-Trimethylpentane	NA	NA	NA	5.6	0.47 U	0.47 U	0.47 U
Tertiary Butyl Alcohol	NA	NA	NA	17.6	13.3	11.5	5.46
Tetrachloroethylene	100	360	1,600	26.4	1424* D	881* D	1763** D
Tetrahydrofuran	NA	70,000	290,000	2.04	5.01	7.96	0.29 U
Toluene	NA	170,000	730,000	46.7	18.5	20	10.2
Trichloroethylene	6	16	100	913** D	28483** D	5911** D	3654** D
Trichlorofluoromethane	NA	NA	NA	1.35 J	1.4 J	1.52 J	1.35 J
Vinyl chloride	6	5.6	93	0.18	0.08 U	0.08 U	0.08 U
m,p-Xylene	NA	3,500	15,000	20	13.5	11.7	6.95

Note:

U - Analyte not detected at or above the laboratory reporting limit

IA - Indoor Air Sample

E - Analyte exceeded calibration range

J - Estimated value

D - Dilution

X* - Concentration above the USEPA Residential Screening Values.

X** - Concentration Exceeds USEPA Commercial Screening Values.

X*** - Concentration Exceeds New York State Department of Health (NYSDOH) minimum soil vapor matrix value

NA - Not Available

(1) - Final NYSDOH Soil Vapor Intrusion Guidance Document (October 2006)

(2) USEPA -OSWER Vapor Intrusion Screening Levels, Version 3.5, June 2017 RSLs

Risk: Carcinogen = 1 x 10⁻⁶, Non-Carcinogens THQ=1



APPENDIX A

BORING LOGS

ATC Group Services 104 East 25th Street New York, NY 10010 212-353-8280					<u>Client:</u> Safeguard Self Storage	<u>Boring No.:</u> SB-1																																																										
			<u>Project Number:</u> NPSSS19008		<u>Boring location:</u> Southern portion of the property in the asphalt-paved parking area.																																																											
			<u>Phase Number:</u>																																																													
			<u>Project Location:</u> 101-21 101st Street Ozone Park, New York																																																													
<u>Groundwater Observations:</u> Not encountered					<u>Casing & Sampler</u> Macrocore	<u>Date:</u> November 25, 2019																																																										
<table border="1"> <thead> <tr> <th>Depth (ft.)</th> <th>Sample Type & Number</th> <th>Recovery (ft.)</th> <th colspan="2">Blows</th> <th>PID Reading (ppm)</th> <th>Field Identification of Soil and Observations</th> </tr> </thead> <tbody> <tr> <td>0</td> <td rowspan="4"></td> <td rowspan="4">2.5'</td> <td></td> <td></td> <td rowspan="4">0</td> <td rowspan="4"> 0' - 0.5' Asphalt 0.5' - 3' Fill material with brown sand, brick, gravel and rock </td> </tr> <tr><td>1</td></tr> <tr><td>2</td></tr> <tr><td>3</td></tr> <tr> <td>4</td> <td rowspan="4">SB-1</td> <td rowspan="4">2'</td> <td></td> <td></td> <td rowspan="4">0</td> <td rowspan="4"> 3' - 15' Medium brown sand </td> </tr> <tr><td>5</td></tr> <tr><td>6</td></tr> <tr><td>7</td></tr> <tr> <td>8</td> <td rowspan="4"></td> <td rowspan="4">2.5'</td> <td></td> <td></td> <td rowspan="4">0</td> <td rowspan="4"></td> </tr> <tr><td>9</td></tr> <tr><td>10</td></tr> <tr><td>11</td></tr> <tr> <td>12</td> <td rowspan="4"></td> <td rowspan="4">2'</td> <td></td> <td></td> <td rowspan="4">0</td> <td rowspan="4"></td> </tr> <tr><td>13</td></tr> <tr><td>14</td></tr> <tr><td>15</td></tr> <tr> <td>16</td> <td rowspan="5"></td> <td rowspan="5"></td> <td></td> <td></td> <td rowspan="5">0</td> <td rowspan="5"></td> </tr> <tr><td>17</td></tr> <tr><td>18</td></tr> <tr><td>19</td></tr> <tr><td>20</td></tr> </tbody> </table>							Depth (ft.)	Sample Type & Number	Recovery (ft.)	Blows		PID Reading (ppm)	Field Identification of Soil and Observations	0		2.5'			0	0' - 0.5' Asphalt 0.5' - 3' Fill material with brown sand, brick, gravel and rock	1	2	3	4	SB-1	2'			0	3' - 15' Medium brown sand	5	6	7	8		2.5'			0		9	10	11	12		2'			0		13	14	15	16					0		17	18	19	20
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ATC Group Services 104 East 25th Street New York, NY 10010 212-353-8280					<u>Client:</u> Safeguard Self Storage	<u>Boring No.:</u> SB-2	
			<u>Project Number:</u> NPSSS19008		<u>Boring location:</u> Southern portion of the first floor of the property building.		
			<u>Task Number:</u>				
<u>Driller:</u> Eastern Environmental <u>Geologist:</u> Denise Cosenza			<u>Project Location:</u> 101-21 101st Street Ozone Park, New York				
<u>Groundwater Observations:</u> Not encountered					<u>Type:</u> <u>Casing & Sampler:</u> Macrocore	<u>Date:</u> November 26, 2019	
			<u>Size:</u>				
Depth (ft.)	Sample Type & Number	Recovery (ft.)	Blows		PID Reading (ppm)	Field Identification of Soil and Observations	
0	SB-2	5'			10	0' - 0.5' Concrete 0.5' - 4' Fill material with brown sand, brick, gravel and rock 4' - 15' Medium brown sand with gravel	
1							
2							
3							
4							
5							
6		5'			1.8		
7							
8							
9							
10							
11							
12		5'			2.8		
13							
14							
15							
16							
17							
18							
19							
20							
20							
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ATC Group Services 104 East 25th Street New York, NY 10010 212-353-8280					<u>Client:</u> Safeguard Self Storage	<u>Boring No.:</u> SB-3
			<u>Project Number:</u> NPSSS19008		<u>Boring location:</u> Eastern portion of the partial basement north of the elevator pit	
			<u>Task Number:</u>			
<u>Driller:</u> Eastern Environmental <u>Geologist:</u> Denise Cosenza			<u>Project Location:</u> 101-21 101st Street Ozone Park, New York			
<u>Groundwater Observations:</u> 19 feet below ground surface (basement floor)					<u>Casing & Sampler</u> Macrocore	<u>Date:</u> November 25, 2019
					<u>Type:</u> <u>Size:</u>	
Depth (ft.)	Sample Type & Number	Recovery (ft.)	Blows		PID Reading (ppm)	Field Identification of Soil and Observations
0		1'			0	0' - 0.5' Concrete 0.5' - 15' Fine to medium sand
1						
2						
3						
4		1'			0	
5						
6						
7		1.5'			0	
8						
9						
10		2'			0	
11						
12						
13	SB-3	2'			0	
14						
15						
16						
17						
18						
19						
20						
mc: macrocore HSA: hollow stem auger HA: Hand Auger t.=trace = 1-10% l.=little = 10-20% s.=some = 20-35% a.=and = 35-50% c = course m = medium f = fine						

ATC Group Services 104 East 25th Street New York, NY 10010 212-353-8280					<u>Client:</u> Safeguard Self Storage	<u>Boring No.:</u> SB-4
			<u>Project Number:</u> NPSSS19008		<u>Boring location:</u> Northwestern portion of the first floor of the property building.	
			<u>Task Number:</u>			
<u>Driller:</u> Eastern Environmental <u>Geologist:</u> Denise Cosenza			<u>Project Location:</u> 101-21 101st Street Ozone Park, New York			
<u>Groundwater Observations:</u> Not encountered					<u>Casing & Sampler</u> Macrocore <u>Type:</u> <u>Size:</u>	<u>Date:</u> November 26, 2019
Depth (ft.)	Sample Type & Number	Recovery (ft.)	Blows		PID Reading (ppm)	Field Identification of Soil and Observations
0	SB-4	4'			3.5	0' - 0.5' Concrete 0.5' - 15' Medium brown sand with gravel
1						
2						
3						
4						
5						
6		5'			0	
7						
8						
9						
10						
11						
12		5'			2.8	
13						
14						
15						
16						
17						
18						
19						
20						
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APPENDIX B

LABORATORY REPORTS

DATA FOR
VOLATILE ORGANICS
SEMI-VOLATILE ORGANICS
GC SEMI-VOLATILES

PROJECT NAME : 101-21 101ST STREET, OZONE PARK, NY

ATC GROUP SERVICES LLC
104 East 25th Street, 10th Floor

New York, NY - 10010
Phone No: 212-353-8280

ORDER ID : K6069
ATTENTION : Denise Cosenza





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Date : 12/05/2019

Dear Denise Cosenza,

1 water and **4** soil samples for the **101-21 101st Street, Ozone Park, NY** project were received on **11/26/2019**. The analytical fax results for those samples requested for an expedited turn around time may be seen in this report. Please contact me if you have any questions or concerns regarding this report.

The invoice for this workorder is also attached to the e-mail.

Regards,

Steven T Chaimowitz

s.chaim@chemtech.net



CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number

K6069

COC Number

2027388

CLIENT INFORMATION

PROJECT INFORMATION

BILLING INFORMATION

Report to be sent to:
COMPANY: ATC
ADDRESS: 10425th St 8th F
CITY: NY STATE: NY ZIP: 10010
ATTENTION: denise cosenza
PHONE: 212338780 FAX:

PROJECT NAME: SS Ozone Park
PROJECT #: NRSS519008 LOCATION: NR
PROJECT MANAGER: B. mass
E-MAIL: denise.cosenza@atcgs.com
PHONE: FAX:

BILL TO: PO#
ADDRESS:
CITY: Spk STATE: ZIP:
ATTENTION:
PHONE:

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ EDD FORMAT _____ ☐ Other _____

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

ANALYSIS



PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles										Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
			COMP	GPAB	DATE	TIME		1	2	3	4	5	6	7	8	9		
1.	SB-3	S		X	11/25/19	1045	4	X	X	X								
2.	SB-3 WS	W		X	11/25/19	1235	3	X	X									
3.	SB-1	S		X	11/25/19	1405	4	X	X									
4.	SB-2	S		X	11/26/19	900	4	X	X									
5.	SB-4	S		X	11/26/19	1000	4	X	X									
6.																		
7.																		
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY	Conditions of bottles or collars at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>2-2</u>
1. <u>[Signature]</u>	<u>11/26/19 2:50</u>	1. <u>[Signature]</u>	Comments: <u>IR Gun #1</u>
RELINQUISHED BY	DATE/TIME	RECEIVED BY	
2. <u>[Signature]</u>	<u>11-26-19 4:30</u>	2. <u>[Signature]</u>	
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	Page <u>1</u> of <u>1</u>
3. <u>[Signature]</u>		3. <u>[Signature]</u>	CLIENT: ☐ Hand Delivered ☐ Other: _____ CHEMTECH: ☒ Picked Up
			Shipment Complete ☒ YES ☐ NO

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	11/25/19	
Project:	101-21 101st Street, Ozone Park, NY		Date Received:	11/26/19	
Client Sample ID:	SB-3		SDG No.:	K6069	
Lab Sample ID:	K6069-01		Matrix:	SOIL	
Analytical Method:	SW8082A		% Moisture:	1.6	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO064224.D	1	11/27/19 08:40	11/28/19 03:37	PB125149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	0.017	U	0.0020	0.017	mg/Kg
11104-28-2	Aroclor-1221	0.017	U	0.0068	0.017	mg/Kg
11141-16-5	Aroclor-1232	0.017	U	0.0066	0.017	mg/Kg
53469-21-9	Aroclor-1242	0.017	U	0.0060	0.017	mg/Kg
12672-29-6	Aroclor-1248	0.017	U	0.0056	0.017	mg/Kg
11097-69-1	Aroclor-1254	0.017	U	0.0065	0.017	mg/Kg
37324-23-5	Aroclor-1262	0.017	U	0.0051	0.017	mg/Kg
11100-14-4	Aroclor-1268	0.017	U	0.0043	0.017	mg/Kg
11096-82-5	Aroclor-1260	0.017	U	0.0047	0.017	mg/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	26.8		10 - 166	134%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.6		60 - 125	118%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	11/25/19
Project:	101-21 101st Street, Ozone Park, NY		Date Received:	11/26/19
Client Sample ID:	SB-3		SDG No.:	K6069
Lab Sample ID:	K6069-01		Matrix:	SOIL
Analytical Method:	SW8270		% Moisture:	1.6
Sample Wt/Vol:	30.1	Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF118066.D	1	11/27/19 08:45	12/03/19 17:05	PB125152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	0.33	U	0.099	0.33	mg/Kg
111-44-4	bis(2-Chloroethyl)ether	0.33	U	0.10	0.33	mg/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	0.33	U	0.090	0.33	mg/Kg
98-86-2	Acetophenone	0.33	U	0.094	0.33	mg/Kg
621-64-7	n-Nitroso-di-n-propylamine	0.33	U	0.14	0.33	mg/Kg
67-72-1	Hexachloroethane	0.33	U	0.085	0.33	mg/Kg
98-95-3	Nitrobenzene	0.33	U	0.044	0.33	mg/Kg
78-59-1	Isophorone	0.33	U	0.037	0.33	mg/Kg
111-91-1	bis(2-Chloroethoxy)methane	0.33	U	0.052	0.33	mg/Kg
91-20-3	Naphthalene	0.33	U	0.050	0.33	mg/Kg
106-47-8	4-Chloroaniline	0.33	U	0.14	0.33	mg/Kg
87-68-3	Hexachlorobutadiene	0.33	U	0.062	0.33	mg/Kg
105-60-2	Caprolactam	0.33	U	0.11	0.33	mg/Kg
91-57-6	2-Methylnaphthalene	0.33	U	0.062	0.33	mg/Kg
77-47-4	Hexachlorocyclopentadiene	0.33	U	0.22	0.33	mg/Kg
92-52-4	1,1-Biphenyl	0.33	U	0.11	0.33	mg/Kg
91-58-7	2-Chloronaphthalene	0.33	U	0.076	0.33	mg/Kg
88-74-4	2-Nitroaniline	0.33	U	0.070	0.33	mg/Kg
131-11-3	Dimethylphthalate	0.28	J	0.051	0.33	mg/Kg
208-96-8	Acenaphthylene	0.33	U	0.061	0.33	mg/Kg
606-20-2	2,6-Dinitrotoluene	0.33	U	0.072	0.33	mg/Kg
99-09-2	3-Nitroaniline	0.33	U	0.13	0.33	mg/Kg
83-32-9	Acenaphthene	0.33	U	0.069	0.33	mg/Kg
132-64-9	Dibenzofuran	0.33	U	0.091	0.33	mg/Kg
121-14-2	2,4-Dinitrotoluene	0.33	U	0.084	0.33	mg/Kg
84-66-2	Diethylphthalate	0.33	U	0.064	0.33	mg/Kg
7005-72-3	4-Chlorophenyl-phenylether	0.33	U	0.085	0.33	mg/Kg
86-73-7	Fluorene	0.33	U	0.052	0.33	mg/Kg
100-01-6	4-Nitroaniline	0.33	U	0.089	0.33	mg/Kg
86-30-6	n-Nitrosodiphenylamine	0.33	U	0.078	0.33	mg/Kg
101-55-3	4-Bromophenyl-phenylether	0.33	U	0.057	0.33	mg/Kg

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/25/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SB-3	SDG No.:	K6069
Lab Sample ID:	K6069-01	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	1.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF118066.D	1	11/27/19 08:45	12/03/19 17:05	PB125152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
118-74-1	Hexachlorobenzene	0.33	U	0.067	0.33	mg/Kg
1912-24-9	Atrazine	0.33	U	0.080	0.33	mg/Kg
85-01-8	Phenanthrene	0.33	U	0.058	0.33	mg/Kg
120-12-7	Anthracene	0.33	U	0.057	0.33	mg/Kg
86-74-8	Carbazole	0.33	U	0.091	0.33	mg/Kg
84-74-2	Di-n-butylphthalate	0.33	U	0.10	0.33	mg/Kg
206-44-0	Fluoranthene	0.33	U	0.050	0.33	mg/Kg
129-00-0	Pyrene	0.33	U	0.062	0.33	mg/Kg
85-68-7	Butylbenzylphthalate	0.33	U	0.065	0.33	mg/Kg
91-94-1	3,3-Dichlorobenzidine	0.33	U	0.15	0.33	mg/Kg
56-55-3	Benzo(a)anthracene	0.33	U	0.038	0.33	mg/Kg
218-01-9	Chrysene	0.33	U	0.043	0.33	mg/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	0.33	U	0.093	0.33	mg/Kg
117-84-0	Di-n-octyl phthalate	0.33	U	0.072	0.33	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.33	U	0.049	0.33	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.33	U	0.057	0.33	mg/Kg
50-32-8	Benzo(a)pyrene	0.33	U	0.045	0.33	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.33	U	0.073	0.33	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.33	U	0.053	0.33	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.33	U	0.062	0.33	mg/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	0.33	U	0.079	0.33	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	85.8	31 - 132	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	99.4	39 - 123	99%	SPK: 100
1718-51-0	Terphenyl-d14	98.6	37 - 115	99%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	136000	6.87
1146-65-2	Naphthalene-d8	518000	8.16
15067-26-2	Acenaphthene-d10	267000	9.93
1517-22-2	Phenanthrene-d10	487000	11.42
1719-03-5	Chrysene-d12	298000	14.07
1520-96-3	Perylene-d12	295000	15.56

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/25/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SB-3	SDG No.:	K6069
Lab Sample ID:	K6069-01	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	1.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		Level :	LOW
		GPC Factor :	1.0
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF118066.D	1	11/27/19 08:45	12/03/19 17:05	PB125152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/25/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SB-3	SDG No.:	K6069
Lab Sample ID:	K6069-01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	1.6
Sample Wt/Vol:	7.6 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY000837.D	1		12/03/19 12:43	VY120319

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.0033	U	0.00061	0.0033	mg/Kg
74-87-3	Chloromethane	0.0033	U	0.0012	0.0033	mg/Kg
75-01-4	Vinyl Chloride	0.0033	U	0.00074	0.0033	mg/Kg
74-83-9	Bromomethane	0.0033	U	0.00025	0.0033	mg/Kg
75-00-3	Chloroethane	0.0033	U	0.00038	0.0033	mg/Kg
75-69-4	Trichlorofluoromethane	0.0033	U	0.00043	0.0033	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0033	U	0.00054	0.0033	mg/Kg
75-35-4	1,1-Dichloroethene	0.0033	U	0.00066	0.0033	mg/Kg
67-64-1	Acetone	0.017	U	0.0051	0.017	mg/Kg
75-15-0	Carbon Disulfide	0.0033	U	0.00072	0.0033	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0033	U	0.00093	0.0033	mg/Kg
79-20-9	Methyl Acetate	0.0033	U	0.0019	0.0033	mg/Kg
75-09-2	Methylene Chloride	0.0067	U	0.0035	0.0067	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0033	U	0.00084	0.0033	mg/Kg
75-34-3	1,1-Dichloroethane	0.0033	U	0.00061	0.0033	mg/Kg
110-82-7	Cyclohexane	0.0033	U	0.0012	0.0033	mg/Kg
78-93-3	2-Butanone	0.017	U	0.0045	0.017	mg/Kg
56-23-5	Carbon Tetrachloride	0.0033	U	0.00055	0.0033	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0033	U	0.00066	0.0033	mg/Kg
74-97-5	Bromochloromethane	0.0033	U	0.00080	0.0033	mg/Kg
67-66-3	Chloroform	0.0033	U	0.00058	0.0033	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0033	U	0.00071	0.0033	mg/Kg
108-87-2	Methylcyclohexane	0.0033	U	0.00079	0.0033	mg/Kg
71-43-2	Benzene	0.0033	U	0.00056	0.0033	mg/Kg
107-06-2	1,2-Dichloroethane	0.0033	U	0.00080	0.0033	mg/Kg
79-01-6	Trichloroethene	0.0033	U	0.00062	0.0033	mg/Kg
78-87-5	1,2-Dichloropropane	0.0033	U	0.00083	0.0033	mg/Kg
75-27-4	Bromodichloromethane	0.0033	U	0.00066	0.0033	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.017	U	0.0037	0.017	mg/Kg
108-88-3	Toluene	0.0033	U	0.00065	0.0033	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0033	U	0.00067	0.0033	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0033	U	0.00072	0.0033	mg/Kg

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/25/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SB-3	SDG No.:	K6069
Lab Sample ID:	K6069-01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	1.6
Sample Wt/Vol:	7.6 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY000837.D	1		12/03/19 12:43	VY120319

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	0.0033	U	0.00095	0.0033	mg/Kg
591-78-6	2-Hexanone	0.017	U	0.0049	0.017	mg/Kg
124-48-1	Dibromochloromethane	0.0033	U	0.00088	0.0033	mg/Kg
106-93-4	1,2-Dibromoethane	0.0033	U	0.00087	0.0033	mg/Kg
127-18-4	Tetrachloroethene	0.0033	U	0.00046	0.0033	mg/Kg
108-90-7	Chlorobenzene	0.0033	U	0.00053	0.0033	mg/Kg
100-41-4	Ethyl Benzene	0.0033	U	0.00057	0.0033	mg/Kg
179601-23-1	m/p-Xylenes	0.0067	U	0.0011	0.0067	mg/Kg
95-47-6	o-Xylene	0.0033	U	0.00073	0.0033	mg/Kg
100-42-5	Styrene	0.0033	U	0.00066	0.0033	mg/Kg
75-25-2	Bromoform	0.0033	U	0.0022	0.0033	mg/Kg
98-82-8	Isopropylbenzene	0.0033	U	0.00058	0.0033	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0033	U	0.00073	0.0033	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0033	U	0.00071	0.0033	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0033	U	0.00071	0.0033	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0033	U	0.00085	0.0033	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0033	U	0.0022	0.0033	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0033	U	0.00074	0.0033	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0033	U	0.00085	0.0033	mg/Kg
123-91-1	1,4-Dioxane	0.067	U	0.033	0.067	mg/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.4		56 - 120	115%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		57 - 135	98%	SPK: 50
2037-26-5	Toluene-d8	49.9		67 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.3		33 - 141	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	256000	7.8			
540-36-3	1,4-Difluorobenzene	495000	8.69			
3114-55-4	Chlorobenzene-d5	425000	11.49			
3855-82-1	1,4-Dichlorobenzene-d4	189000	13.42			

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	11/25/19
Project:	101-21 101st Street, Ozone Park, NY		Date Received:	11/26/19
Client Sample ID:	SB-3		SDG No.:	K6069
Lab Sample ID:	K6069-01		Matrix:	SOIL
Analytical Method:	SW8260		% Moisture:	1.6
Sample Wt/Vol:	7.6	Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1
GC Column:	RXI-624	ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY000837.D	1		12/03/19 12:43	VY120319

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	11/25/19
Project:	101-21 101st Street, Ozone Park, NY		Date Received:	11/26/19
Client Sample ID:	SB-1		SDG No.:	K6069
Lab Sample ID:	K6069-02		Matrix:	SOIL
Analytical Method:	SW8270		% Moisture:	4.1
Sample Wt/Vol:	30.05	Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP001173.D	1	11/27/19 08:45	12/04/19 00:07	PB125152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	0.34	U	0.10	0.34	mg/Kg
111-44-4	bis(2-Chloroethyl)ether	0.34	U	0.11	0.34	mg/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	0.34	U	0.092	0.34	mg/Kg
98-86-2	Acetophenone	0.34	U	0.097	0.34	mg/Kg
621-64-7	n-Nitroso-di-n-propylamine	0.34	U	0.14	0.34	mg/Kg
67-72-1	Hexachloroethane	0.34	U	0.088	0.34	mg/Kg
98-95-3	Nitrobenzene	0.34	U	0.045	0.34	mg/Kg
78-59-1	Isophorone	0.34	U	0.038	0.34	mg/Kg
111-91-1	bis(2-Chloroethoxy)methane	0.34	U	0.054	0.34	mg/Kg
91-20-3	Naphthalene	0.34	U	0.052	0.34	mg/Kg
106-47-8	4-Chloroaniline	0.34	U	0.14	0.34	mg/Kg
87-68-3	Hexachlorobutadiene	0.34	U	0.063	0.34	mg/Kg
105-60-2	Caprolactam	0.34	U	0.12	0.34	mg/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.064	0.34	mg/Kg
77-47-4	Hexachlorocyclopentadiene	0.34	U	0.23	0.34	mg/Kg
92-52-4	1,1-Biphenyl	0.34	U	0.11	0.34	mg/Kg
91-58-7	2-Chloronaphthalene	0.34	U	0.079	0.34	mg/Kg
88-74-4	2-Nitroaniline	0.34	U	0.072	0.34	mg/Kg
131-11-3	Dimethylphthalate	0.27	J	0.053	0.34	mg/Kg
208-96-8	Acenaphthylene	0.34	U	0.062	0.34	mg/Kg
606-20-2	2,6-Dinitrotoluene	0.34	U	0.074	0.34	mg/Kg
99-09-2	3-Nitroaniline	0.34	U	0.13	0.34	mg/Kg
83-32-9	Acenaphthene	0.34	U	0.071	0.34	mg/Kg
132-64-9	Dibenzofuran	0.34	U	0.094	0.34	mg/Kg
121-14-2	2,4-Dinitrotoluene	0.34	U	0.087	0.34	mg/Kg
84-66-2	Diethylphthalate	0.34	U	0.066	0.34	mg/Kg
7005-72-3	4-Chlorophenyl-phenylether	0.34	U	0.087	0.34	mg/Kg
86-73-7	Fluorene	0.34	U	0.053	0.34	mg/Kg
100-01-6	4-Nitroaniline	0.34	U	0.091	0.34	mg/Kg
86-30-6	n-Nitrosodiphenylamine	0.34	U	0.081	0.34	mg/Kg
101-55-3	4-Bromophenyl-phenylether	0.34	U	0.059	0.34	mg/Kg

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	11/25/19	
Project:	101-21 101st Street, Ozone Park, NY		Date Received:	11/26/19	
Client Sample ID:	SB-1		SDG No.:	K6069	
Lab Sample ID:	K6069-02		Matrix:	SOIL	
Analytical Method:	SW8270		% Moisture:	4.1	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP001173.D	1	11/27/19 08:45	12/04/19 00:07	PB125152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
118-74-1	Hexachlorobenzene	0.34	U	0.069	0.34	mg/Kg
1912-24-9	Atrazine	0.34	U	0.083	0.34	mg/Kg
85-01-8	Phenanthrene	0.34	U	0.059	0.34	mg/Kg
120-12-7	Anthracene	0.34	U	0.058	0.34	mg/Kg
86-74-8	Carbazole	0.34	U	0.094	0.34	mg/Kg
84-74-2	Di-n-butylphthalate	0.34	U	0.10	0.34	mg/Kg
206-44-0	Fluoranthene	0.34	U	0.052	0.34	mg/Kg
129-00-0	Pyrene	0.34	U	0.063	0.34	mg/Kg
85-68-7	Butylbenzylphthalate	0.34	U	0.066	0.34	mg/Kg
91-94-1	3,3-Dichlorobenzidine	0.34	U	0.15	0.34	mg/Kg
56-55-3	Benzo(a)anthracene	0.34	U	0.039	0.34	mg/Kg
218-01-9	Chrysene	0.34	U	0.044	0.34	mg/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	0.34	U	0.096	0.34	mg/Kg
117-84-0	Di-n-octyl phthalate	0.34	U	0.074	0.34	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.34	U	0.051	0.34	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.34	U	0.059	0.34	mg/Kg
50-32-8	Benzo(a)pyrene	0.34	U	0.046	0.34	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.34	U	0.075	0.34	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.34	U	0.055	0.34	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.34	U	0.064	0.34	mg/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	0.34	U	0.081	0.34	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	68.6		31 - 132	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.1		39 - 123	68%	SPK: 100
1718-51-0	Terphenyl-d14	67.3		37 - 115	67%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	113000	8.31	
1146-65-2	Naphthalene-d8	411000	10.35	
15067-26-2	Acenaphthene-d10	232000	13.21	
1517-22-2	Phenanthrene-d10	453000	15.6	
1719-03-5	Chrysene-d12	356000	19.25	
1520-96-3	Perylene-d12	365000	21.02	

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/25/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SB-1	SDG No.:	K6069
Lab Sample ID:	K6069-02	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	4.1
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		Level :	LOW
		Final Vol:	1000
		Test:	SVOCMS Group1
		GPC Factor :	1.0
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP001173.D	1	11/27/19 08:45	12/04/19 00:07	PB125152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	11/25/19	
Project:	101-21 101st Street, Ozone Park, NY		Date Received:	11/26/19	
Client Sample ID:	SB-1		SDG No.:	K6069	
Lab Sample ID:	K6069-02		Matrix:	SOIL	
Analytical Method:	SW8260		% Moisture:	4.1	
Sample Wt/Vol:	7.12	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY000821.D	1		11/27/19 16:02	VY112719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.0037	U	0.00067	0.0037	mg/Kg
74-87-3	Chloromethane	0.0037	U	0.0013	0.0037	mg/Kg
75-01-4	Vinyl Chloride	0.0037	U	0.00081	0.0037	mg/Kg
74-83-9	Bromomethane	0.0037	U	0.00028	0.0037	mg/Kg
75-00-3	Chloroethane	0.0037	U	0.00042	0.0037	mg/Kg
75-69-4	Trichlorofluoromethane	0.0037	U	0.00047	0.0037	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0037	U	0.00059	0.0037	mg/Kg
75-35-4	1,1-Dichloroethene	0.0037	U	0.00073	0.0037	mg/Kg
67-64-1	Acetone	0.018	U	0.0056	0.018	mg/Kg
75-15-0	Carbon Disulfide	0.0037	U	0.00078	0.0037	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0037	U	0.0010	0.0037	mg/Kg
79-20-9	Methyl Acetate	0.0037	U	0.0021	0.0037	mg/Kg
75-09-2	Methylene Chloride	0.0073	U	0.0038	0.0073	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0037	U	0.00092	0.0037	mg/Kg
75-34-3	1,1-Dichloroethane	0.0037	U	0.00067	0.0037	mg/Kg
110-82-7	Cyclohexane	0.0037	U	0.0013	0.0037	mg/Kg
78-93-3	2-Butanone	0.018	U	0.0049	0.018	mg/Kg
56-23-5	Carbon Tetrachloride	0.0037	U	0.00060	0.0037	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0037	U	0.00072	0.0037	mg/Kg
74-97-5	Bromochloromethane	0.0037	U	0.00087	0.0037	mg/Kg
67-66-3	Chloroform	0.0037	U	0.00063	0.0037	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0037	U	0.00077	0.0037	mg/Kg
108-87-2	Methylcyclohexane	0.0037	U	0.00086	0.0037	mg/Kg
71-43-2	Benzene	0.0037	U	0.00061	0.0037	mg/Kg
107-06-2	1,2-Dichloroethane	0.0037	U	0.00088	0.0037	mg/Kg
79-01-6	Trichloroethene	0.0037	U	0.00068	0.0037	mg/Kg
78-87-5	1,2-Dichloropropane	0.0037	U	0.00091	0.0037	mg/Kg
75-27-4	Bromodichloromethane	0.0037	U	0.00073	0.0037	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.018	U	0.0041	0.018	mg/Kg
108-88-3	Toluene	0.0037	U	0.00071	0.0037	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0037	U	0.00074	0.0037	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0037	U	0.00078	0.0037	mg/Kg

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/25/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SB-1	SDG No.:	K6069
Lab Sample ID:	K6069-02	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	4.1
Sample Wt/Vol:	7.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY000821.D	1		11/27/19 16:02	VY112719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	0.0037	U	0.0010	0.0037	mg/Kg
591-78-6	2-Hexanone	0.018	U	0.0054	0.018	mg/Kg
124-48-1	Dibromochloromethane	0.0037	U	0.00096	0.0037	mg/Kg
106-93-4	1,2-Dibromoethane	0.0037	U	0.00095	0.0037	mg/Kg
127-18-4	Tetrachloroethene	0.0037	U	0.00051	0.0037	mg/Kg
108-90-7	Chlorobenzene	0.0037	U	0.00058	0.0037	mg/Kg
100-41-4	Ethyl Benzene	0.0037	U	0.00062	0.0037	mg/Kg
179601-23-1	m/p-Xylenes	0.0073	U	0.0012	0.0073	mg/Kg
95-47-6	o-Xylene	0.0037	U	0.00080	0.0037	mg/Kg
100-42-5	Styrene	0.0037	U	0.00073	0.0037	mg/Kg
75-25-2	Bromoform	0.0037	U	0.0024	0.0037	mg/Kg
98-82-8	Isopropylbenzene	0.0037	U	0.00063	0.0037	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0037	U	0.00080	0.0037	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0037	U	0.00078	0.0037	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0037	U	0.00077	0.0037	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0037	U	0.00093	0.0037	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0037	U	0.0024	0.0037	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0037	U	0.00081	0.0037	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0037	U	0.00093	0.0037	mg/Kg
123-91-1	1,4-Dioxane	0.073	U	0.037	0.073	mg/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.0		56 - 120	120%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		57 - 135	102%	SPK: 50
2037-26-5	Toluene-d8	51.6		67 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.5		33 - 141	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	246000	7.8			
540-36-3	1,4-Difluorobenzene	467000	8.7			
3114-55-4	Chlorobenzene-d5	415000	11.49			
3855-82-1	1,4-Dichlorobenzene-d4	185000	13.42			

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/25/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SB-1	SDG No.:	K6069
Lab Sample ID:	K6069-02	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	4.1
Sample Wt/Vol:	7.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY000821.D	1		11/27/19 16:02	VY112719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY		Date Received:	11/26/19
Client Sample ID:	SB-2		SDG No.:	K6069
Lab Sample ID:	K6069-03		Matrix:	SOIL
Analytical Method:	SW8270		% Moisture:	6.4
Sample Wt/Vol:	30	Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF118080.D	1	11/27/19 08:45	12/03/19 23:35	PB125152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	0.35	U	0.10	0.35	mg/Kg
111-44-4	bis(2-Chloroethyl)ether	0.35	U	0.11	0.35	mg/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	0.35	U	0.095	0.35	mg/Kg
98-86-2	Acetophenone	0.35	U	0.099	0.35	mg/Kg
621-64-7	n-Nitroso-di-n-propylamine	0.35	U	0.15	0.35	mg/Kg
67-72-1	Hexachloroethane	0.35	U	0.090	0.35	mg/Kg
98-95-3	Nitrobenzene	0.35	U	0.046	0.35	mg/Kg
78-59-1	Isophorone	0.35	U	0.039	0.35	mg/Kg
111-91-1	bis(2-Chloroethoxy)methane	0.35	U	0.055	0.35	mg/Kg
91-20-3	Naphthalene	0.35	U	0.053	0.35	mg/Kg
106-47-8	4-Chloroaniline	0.35	U	0.15	0.35	mg/Kg
87-68-3	Hexachlorobutadiene	0.35	U	0.065	0.35	mg/Kg
105-60-2	Caprolactam	0.35	U	0.12	0.35	mg/Kg
91-57-6	2-Methylnaphthalene	0.35	U	0.066	0.35	mg/Kg
77-47-4	Hexachlorocyclopentadiene	0.35	U	0.24	0.35	mg/Kg
92-52-4	1,1-Biphenyl	0.35	U	0.11	0.35	mg/Kg
91-58-7	2-Chloronaphthalene	0.35	U	0.081	0.35	mg/Kg
88-74-4	2-Nitroaniline	0.35	U	0.074	0.35	mg/Kg
131-11-3	Dimethylphthalate	0.36		0.054	0.35	mg/Kg
208-96-8	Acenaphthylene	0.35	U	0.064	0.35	mg/Kg
606-20-2	2,6-Dinitrotoluene	0.35	U	0.076	0.35	mg/Kg
99-09-2	3-Nitroaniline	0.35	U	0.14	0.35	mg/Kg
83-32-9	Acenaphthene	0.35	U	0.072	0.35	mg/Kg
132-64-9	Dibenzofuran	0.35	U	0.096	0.35	mg/Kg
121-14-2	2,4-Dinitrotoluene	0.35	U	0.089	0.35	mg/Kg
84-66-2	Diethylphthalate	0.35	U	0.068	0.35	mg/Kg
7005-72-3	4-Chlorophenyl-phenylether	0.35	U	0.089	0.35	mg/Kg
86-73-7	Fluorene	0.35	U	0.054	0.35	mg/Kg
100-01-6	4-Nitroaniline	0.35	U	0.094	0.35	mg/Kg
86-30-6	n-Nitrosodiphenylamine	0.35	U	0.083	0.35	mg/Kg
101-55-3	4-Bromophenyl-phenylether	0.35	U	0.060	0.35	mg/Kg

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SB-2	SDG No.:	K6069
Lab Sample ID:	K6069-03	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	6.4
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF118080.D	1	11/27/19 08:45	12/03/19 23:35	PB125152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
118-74-1	Hexachlorobenzene	0.35	U	0.071	0.35	mg/Kg
1912-24-9	Atrazine	0.35	U	0.085	0.35	mg/Kg
85-01-8	Phenanthrene	0.20	J	0.061	0.35	mg/Kg
120-12-7	Anthracene	0.35	U	0.060	0.35	mg/Kg
86-74-8	Carbazole	0.35	U	0.096	0.35	mg/Kg
84-74-2	Di-n-butylphthalate	0.35	U	0.11	0.35	mg/Kg
206-44-0	Fluoranthene	0.10	J	0.053	0.35	mg/Kg
129-00-0	Pyrene	0.26	J	0.065	0.35	mg/Kg
85-68-7	Butylbenzylphthalate	0.35	U	0.068	0.35	mg/Kg
91-94-1	3,3-Dichlorobenzidine	0.35	U	0.16	0.35	mg/Kg
56-55-3	Benzo(a)anthracene	0.18	J	0.040	0.35	mg/Kg
218-01-9	Chrysene	0.17	J	0.045	0.35	mg/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	0.35	U	0.098	0.35	mg/Kg
117-84-0	Di-n-octyl phthalate	0.35	U	0.076	0.35	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.26	J	0.052	0.35	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.090	J	0.060	0.35	mg/Kg
50-32-8	Benzo(a)pyrene	0.19	J	0.047	0.35	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.12	J	0.077	0.35	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.35	U	0.056	0.35	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.13	J	0.065	0.35	mg/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	0.35	U	0.084	0.35	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	62.7	31 - 132	63%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.2	39 - 123	79%	SPK: 100
1718-51-0	Terphenyl-d14	64.6	37 - 115	65%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	135000	6.87
1146-65-2	Naphthalene-d8	501000	8.16
15067-26-2	Acenaphthene-d10	240000	9.93
1517-22-2	Phenanthrene-d10	393000	11.42
1719-03-5	Chrysene-d12	293000	14.08
1520-96-3	Perylene-d12	284000	15.59

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SB-2	SDG No.:	K6069
Lab Sample ID:	K6069-03	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	6.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		Level :	LOW
		GPC Factor :	1.0
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF118080.D	1	11/27/19 08:45	12/03/19 23:35	PB125152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SB-2	SDG No.:	K6069
Lab Sample ID:	K6069-03	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	6.4
Sample Wt/Vol:	7.82 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY000827.D	1		11/27/19 18:15	VY112719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.0034	U	0.00062	0.0034	mg/Kg
74-87-3	Chloromethane	0.0034	U	0.0012	0.0034	mg/Kg
75-01-4	Vinyl Chloride	0.0034	U	0.00076	0.0034	mg/Kg
74-83-9	Bromomethane	0.0034	U	0.00026	0.0034	mg/Kg
75-00-3	Chloroethane	0.0034	U	0.00039	0.0034	mg/Kg
75-69-4	Trichlorofluoromethane	0.0034	U	0.00044	0.0034	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0034	U	0.00055	0.0034	mg/Kg
75-35-4	1,1-Dichloroethene	0.0034	U	0.00068	0.0034	mg/Kg
67-64-1	Acetone	0.017	U	0.0052	0.017	mg/Kg
75-15-0	Carbon Disulfide	0.0034	U	0.00073	0.0034	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0034	U	0.00095	0.0034	mg/Kg
79-20-9	Methyl Acetate	0.0034	U	0.0019	0.0034	mg/Kg
75-09-2	Methylene Chloride	0.0068	U	0.0035	0.0068	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0034	U	0.00086	0.0034	mg/Kg
75-34-3	1,1-Dichloroethane	0.0034	U	0.00062	0.0034	mg/Kg
110-82-7	Cyclohexane	0.0034	U	0.0012	0.0034	mg/Kg
78-93-3	2-Butanone	0.017	U	0.0046	0.017	mg/Kg
56-23-5	Carbon Tetrachloride	0.0034	U	0.00056	0.0034	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0068		0.00067	0.0034	mg/Kg
74-97-5	Bromochloromethane	0.0034	U	0.00081	0.0034	mg/Kg
67-66-3	Chloroform	0.00070	J	0.00059	0.0034	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0015	J	0.00072	0.0034	mg/Kg
108-87-2	Methylcyclohexane	0.0034	U	0.00081	0.0034	mg/Kg
71-43-2	Benzene	0.0034	U	0.00057	0.0034	mg/Kg
107-06-2	1,2-Dichloroethane	0.0034	U	0.00082	0.0034	mg/Kg
79-01-6	Trichloroethene	0.37	E	0.00064	0.0034	mg/Kg
78-87-5	1,2-Dichloropropane	0.0034	U	0.00085	0.0034	mg/Kg
75-27-4	Bromodichloromethane	0.0034	U	0.00068	0.0034	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.017	U	0.0038	0.017	mg/Kg
108-88-3	Toluene	0.0034	U	0.00067	0.0034	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0034	U	0.00069	0.0034	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0034	U	0.00073	0.0034	mg/Kg

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SB-2	SDG No.:	K6069
Lab Sample ID:	K6069-03	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	6.4
Sample Wt/Vol:	7.82 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY000827.D	1		11/27/19 18:15	VY112719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	0.0034	U	0.00097	0.0034	mg/Kg
591-78-6	2-Hexanone	0.017	U	0.0050	0.017	mg/Kg
124-48-1	Dibromochloromethane	0.0034	U	0.00090	0.0034	mg/Kg
106-93-4	1,2-Dibromoethane	0.0034	U	0.00089	0.0034	mg/Kg
127-18-4	Tetrachloroethene	0.0048		0.00047	0.0034	mg/Kg
108-90-7	Chlorobenzene	0.0034	U	0.00054	0.0034	mg/Kg
100-41-4	Ethyl Benzene	0.0034	U	0.00058	0.0034	mg/Kg
179601-23-1	m/p-Xylenes	0.0068	U	0.0011	0.0068	mg/Kg
95-47-6	o-Xylene	0.0034	U	0.00075	0.0034	mg/Kg
100-42-5	Styrene	0.0034	U	0.00068	0.0034	mg/Kg
75-25-2	Bromoform	0.0034	U	0.0022	0.0034	mg/Kg
98-82-8	Isopropylbenzene	0.0034	U	0.00059	0.0034	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0034	U	0.00074	0.0034	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0034	U	0.00073	0.0034	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0034	U	0.00072	0.0034	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0034	U	0.00087	0.0034	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0034	U	0.0023	0.0034	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0034	U	0.00076	0.0034	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0034	U	0.00087	0.0034	mg/Kg
123-91-1	1,4-Dioxane	0.068	U	0.034	0.068	mg/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.8		56 - 120	118%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		57 - 135	99%	SPK: 50
2037-26-5	Toluene-d8	51.2		67 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.8		33 - 141	82%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	253000	7.8			
540-36-3	1,4-Difluorobenzene	481000	8.69			
3114-55-4	Chlorobenzene-d5	407000	11.49			
3855-82-1	1,4-Dichlorobenzene-d4	152000	13.42			

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SB-2	SDG No.:	K6069
Lab Sample ID:	K6069-03	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	6.4
Sample Wt/Vol:	7.82	Units:	g
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
		Final Vol:	5000
		Test:	VOCMS Group1
		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY000827.D	1		11/27/19 18:15	VY112719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SB-2ME	SDG No.:	K6069
Lab Sample ID:	K6069-03ME	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	6.4
Sample Wt/Vol:	4.83 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	MED

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN059481.D	1		12/04/19 12:30	VN120419

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.28	UD	0.050	0.28	mg/Kg
74-87-3	Chloromethane	0.28	UD	0.099	0.28	mg/Kg
75-01-4	Vinyl Chloride	0.28	UD	0.062	0.28	mg/Kg
74-83-9	Bromomethane	0.28	UD	0.021	0.28	mg/Kg
75-00-3	Chloroethane	0.28	UD	0.032	0.28	mg/Kg
75-69-4	Trichlorofluoromethane	0.28	UD	0.036	0.28	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.28	UD	0.044	0.28	mg/Kg
75-35-4	1,1-Dichloroethene	0.28	UD	0.055	0.28	mg/Kg
67-64-1	Acetone	1.40	UD	0.42	1.40	mg/Kg
75-15-0	Carbon Disulfide	0.28	UD	0.059	0.28	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.28	UD	0.077	0.28	mg/Kg
79-20-9	Methyl Acetate	0.28	UD	0.16	0.28	mg/Kg
75-09-2	Methylene Chloride	0.55	UD	0.29	0.55	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.28	UD	0.070	0.28	mg/Kg
75-34-3	1,1-Dichloroethane	0.28	UD	0.050	0.28	mg/Kg
110-82-7	Cyclohexane	0.28	UD	0.099	0.28	mg/Kg
78-93-3	2-Butanone	1.40	UD	0.37	1.40	mg/Kg
56-23-5	Carbon Tetrachloride	0.28	UD	0.046	0.28	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.093	JD	0.055	0.28	mg/Kg
74-97-5	Bromochloromethane	0.28	UD	0.066	0.28	mg/Kg
67-66-3	Chloroform	0.28	UD	0.048	0.28	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.28	UD	0.059	0.28	mg/Kg
108-87-2	Methylcyclohexane	0.28	UD	0.065	0.28	mg/Kg
71-43-2	Benzene	0.28	UD	0.046	0.28	mg/Kg
107-06-2	1,2-Dichloroethane	0.28	UD	0.066	0.28	mg/Kg
79-01-6	Trichloroethene	6.40	D	0.052	0.28	mg/Kg
78-87-5	1,2-Dichloropropane	0.28	UD	0.069	0.28	mg/Kg
75-27-4	Bromodichloromethane	0.28	UD	0.055	0.28	mg/Kg
108-10-1	4-Methyl-2-Pentanone	1.40	UD	0.31	1.40	mg/Kg
108-88-3	Toluene	0.28	UD	0.054	0.28	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.28	UD	0.056	0.28	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.28	UD	0.059	0.28	mg/Kg

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	11/26/19	
Project:	101-21 101st Street, Ozone Park, NY		Date Received:	11/26/19	
Client Sample ID:	SB-2ME		SDG No.:	K6069	
Lab Sample ID:	K6069-03ME		Matrix:	SOIL	
Analytical Method:	SW8260		% Moisture:	6.4	
Sample Wt/Vol:	4.83	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:	100	uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	MED	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN059481.D	1		12/04/19 12:30	VN120419

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	0.28	UD	0.079	0.28	mg/Kg
591-78-6	2-Hexanone	1.40	UD	0.41	1.40	mg/Kg
124-48-1	Dibromochloromethane	0.28	UD	0.073	0.28	mg/Kg
106-93-4	1,2-Dibromoethane	0.28	UD	0.072	0.28	mg/Kg
127-18-4	Tetrachloroethene	0.28	UD	0.038	0.28	mg/Kg
108-90-7	Chlorobenzene	0.28	UD	0.044	0.28	mg/Kg
100-41-4	Ethyl Benzene	0.28	UD	0.047	0.28	mg/Kg
179601-23-1	m/p-Xylenes	0.55	UD	0.091	0.55	mg/Kg
95-47-6	o-Xylene	0.28	UD	0.061	0.28	mg/Kg
100-42-5	Styrene	0.28	UD	0.055	0.28	mg/Kg
75-25-2	Bromoform	0.28	UD	0.18	0.28	mg/Kg
98-82-8	Isopropylbenzene	0.28	UD	0.048	0.28	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.28	UD	0.060	0.28	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.28	UD	0.059	0.28	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.28	UD	0.058	0.28	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.28	UD	0.070	0.28	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.28	UD	0.18	0.28	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.28	UD	0.062	0.28	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.28	UD	0.070	0.28	mg/Kg
123-91-1	1,4-Dioxane	5.50	UD	2.80	5.50	mg/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.1		56 - 120	98%	SPK: 50
1868-53-7	Dibromofluoromethane	48.3		57 - 135	97%	SPK: 50
2037-26-5	Toluene-d8	49.7		67 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.8		33 - 141	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	323000	7.64			
540-36-3	1,4-Difluorobenzene	501000	8.57			
3114-55-4	Chlorobenzene-d5	437000	11.4			
3855-82-1	1,4-Dichlorobenzene-d4	179000	13.35			

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SB-2ME	SDG No.:	K6069
Lab Sample ID:	K6069-03ME	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	6.4
Sample Wt/Vol:	4.83 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	MED

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN059481.D	1		12/04/19 12:30	VN120419

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	11/26/16	
Project:	101-21 101st Street, Ozone Park, NY		Date Received:	11/26/19	
Client Sample ID:	SB-4		SDG No.:	K6069	
Lab Sample ID:	K6069-04		Matrix:	SOIL	
Analytical Method:	SW8270		% Moisture:	8.7	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF118073.D	1	11/27/19 08:45	12/03/19 20:20	PB125152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	0.36	U	0.11	0.36	mg/Kg
111-44-4	bis(2-Chloroethyl)ether	0.36	U	0.11	0.36	mg/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	0.36	U	0.097	0.36	mg/Kg
98-86-2	Acetophenone	0.36	U	0.10	0.36	mg/Kg
621-64-7	n-Nitroso-di-n-propylamine	0.36	U	0.15	0.36	mg/Kg
67-72-1	Hexachloroethane	0.36	U	0.092	0.36	mg/Kg
98-95-3	Nitrobenzene	0.36	U	0.047	0.36	mg/Kg
78-59-1	Isophorone	0.36	U	0.040	0.36	mg/Kg
111-91-1	bis(2-Chloroethoxy)methane	0.36	U	0.056	0.36	mg/Kg
91-20-3	Naphthalene	0.36	U	0.054	0.36	mg/Kg
106-47-8	4-Chloroaniline	0.36	U	0.15	0.36	mg/Kg
87-68-3	Hexachlorobutadiene	0.36	U	0.066	0.36	mg/Kg
105-60-2	Caprolactam	0.36	U	0.12	0.36	mg/Kg
91-57-6	2-Methylnaphthalene	0.36	U	0.067	0.36	mg/Kg
77-47-4	Hexachlorocyclopentadiene	0.36	U	0.24	0.36	mg/Kg
92-52-4	1,1-Biphenyl	0.36	U	0.11	0.36	mg/Kg
91-58-7	2-Chloronaphthalene	0.36	U	0.082	0.36	mg/Kg
88-74-4	2-Nitroaniline	0.36	U	0.076	0.36	mg/Kg
131-11-3	Dimethylphthalate	0.30	J	0.055	0.36	mg/Kg
208-96-8	Acenaphthylene	0.36	U	0.066	0.36	mg/Kg
606-20-2	2,6-Dinitrotoluene	0.36	U	0.077	0.36	mg/Kg
99-09-2	3-Nitroaniline	0.36	U	0.14	0.36	mg/Kg
83-32-9	Acenaphthene	0.36	U	0.074	0.36	mg/Kg
132-64-9	Dibenzofuran	0.36	U	0.098	0.36	mg/Kg
121-14-2	2,4-Dinitrotoluene	0.36	U	0.091	0.36	mg/Kg
84-66-2	Diethylphthalate	0.36	U	0.069	0.36	mg/Kg
7005-72-3	4-Chlorophenyl-phenylether	0.36	U	0.091	0.36	mg/Kg
86-73-7	Fluorene	0.36	U	0.056	0.36	mg/Kg
100-01-6	4-Nitroaniline	0.36	U	0.096	0.36	mg/Kg
86-30-6	n-Nitrosodiphenylamine	0.36	U	0.085	0.36	mg/Kg
101-55-3	4-Bromophenyl-phenylether	0.36	U	0.062	0.36	mg/Kg

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/16
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SB-4	SDG No.:	K6069
Lab Sample ID:	K6069-04	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	8.7
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF118073.D	1	11/27/19 08:45	12/03/19 20:20	PB125152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
118-74-1	Hexachlorobenzene	0.36	U	0.073	0.36	mg/Kg
1912-24-9	Atrazine	0.36	U	0.087	0.36	mg/Kg
85-01-8	Phenanthrene	0.36	U	0.062	0.36	mg/Kg
120-12-7	Anthracene	0.36	U	0.061	0.36	mg/Kg
86-74-8	Carbazole	0.36	U	0.098	0.36	mg/Kg
84-74-2	Di-n-butylphthalate	0.18	J	0.11	0.36	mg/Kg
206-44-0	Fluoranthene	0.36	U	0.054	0.36	mg/Kg
129-00-0	Pyrene	0.36	U	0.067	0.36	mg/Kg
85-68-7	Butylbenzylphthalate	0.36	U	0.070	0.36	mg/Kg
91-94-1	3,3-Dichlorobenzidine	0.36	U	0.16	0.36	mg/Kg
56-55-3	Benzo(a)anthracene	0.36	U	0.041	0.36	mg/Kg
218-01-9	Chrysene	0.36	U	0.047	0.36	mg/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	0.36	U	0.10	0.36	mg/Kg
117-84-0	Di-n-octyl phthalate	0.36	U	0.078	0.36	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.36	U	0.053	0.36	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.36	U	0.062	0.36	mg/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.049	0.36	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.36	U	0.079	0.36	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.36	U	0.057	0.36	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.36	U	0.067	0.36	mg/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	0.36	U	0.086	0.36	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	60.5	31 - 132	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.1	39 - 123	68%	SPK: 100
1718-51-0	Terphenyl-d14	63.8	37 - 115	64%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	139000	6.87
1146-65-2	Naphthalene-d8	552000	8.16
15067-26-2	Acenaphthene-d10	296000	9.93
1517-22-2	Phenanthrene-d10	568000	11.42
1719-03-5	Chrysene-d12	403000	14.07
1520-96-3	Perylene-d12	363000	15.56

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	11/26/16	
Project:	101-21 101st Street, Ozone Park, NY		Date Received:	11/26/19	
Client Sample ID:	SB-4		SDG No.:	K6069	
Lab Sample ID:	K6069-04		Matrix:	SOIL	
Analytical Method:	SW8270		% Moisture:	8.7	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF118073.D	1	11/27/19 08:45	12/03/19 20:20	PB125152

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	11/26/16	
Project:	101-21 101st Street, Ozone Park, NY		Date Received:	11/26/19	
Client Sample ID:	SB-4		SDG No.:	K6069	
Lab Sample ID:	K6069-04		Matrix:	SOIL	
Analytical Method:	SW8260		% Moisture:	8.7	
Sample Wt/Vol:	8.08	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY000823.D	1		11/27/19 16:47	VY112719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.0034	U	0.00062	0.0034	mg/Kg
74-87-3	Chloromethane	0.0034	U	0.0012	0.0034	mg/Kg
75-01-4	Vinyl Chloride	0.0034	U	0.00075	0.0034	mg/Kg
74-83-9	Bromomethane	0.0034	U	0.00026	0.0034	mg/Kg
75-00-3	Chloroethane	0.0034	U	0.00039	0.0034	mg/Kg
75-69-4	Trichlorofluoromethane	0.0034	U	0.00044	0.0034	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0034	U	0.00054	0.0034	mg/Kg
75-35-4	1,1-Dichloroethene	0.0034	U	0.00067	0.0034	mg/Kg
67-64-1	Acetone	0.017	U	0.0052	0.017	mg/Kg
75-15-0	Carbon Disulfide	0.0034	U	0.00073	0.0034	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0034	U	0.00095	0.0034	mg/Kg
79-20-9	Methyl Acetate	0.0034	U	0.0019	0.0034	mg/Kg
75-09-2	Methylene Chloride	0.0068	U	0.0035	0.0068	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0034	U	0.00085	0.0034	mg/Kg
75-34-3	1,1-Dichloroethane	0.0034	U	0.00062	0.0034	mg/Kg
110-82-7	Cyclohexane	0.0034	U	0.0012	0.0034	mg/Kg
78-93-3	2-Butanone	0.0062	J	0.0045	0.017	mg/Kg
56-23-5	Carbon Tetrachloride	0.0034	U	0.00056	0.0034	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0034	U	0.00067	0.0034	mg/Kg
74-97-5	Bromochloromethane	0.0034	U	0.00081	0.0034	mg/Kg
67-66-3	Chloroform	0.0034	U	0.00059	0.0034	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0034	U	0.00072	0.0034	mg/Kg
108-87-2	Methylcyclohexane	0.0034	U	0.00080	0.0034	mg/Kg
71-43-2	Benzene	0.0034	U	0.00057	0.0034	mg/Kg
107-06-2	1,2-Dichloroethane	0.0034	U	0.00081	0.0034	mg/Kg
79-01-6	Trichloroethene	0.017		0.00063	0.0034	mg/Kg
78-87-5	1,2-Dichloropropane	0.0034	U	0.00084	0.0034	mg/Kg
75-27-4	Bromodichloromethane	0.0034	U	0.00067	0.0034	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.017	U	0.0038	0.017	mg/Kg
108-88-3	Toluene	0.0034	U	0.00066	0.0034	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0034	U	0.00068	0.0034	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0034	U	0.00073	0.0034	mg/Kg

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	11/26/16	
Project:	101-21 101st Street, Ozone Park, NY		Date Received:	11/26/19	
Client Sample ID:	SB-4		SDG No.:	K6069	
Lab Sample ID:	K6069-04		Matrix:	SOIL	
Analytical Method:	SW8260		% Moisture:	8.7	
Sample Wt/Vol:	8.08	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY000823.D	1		11/27/19 16:47	VY112719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	0.0034	U	0.00096	0.0034	mg/Kg
591-78-6	2-Hexanone	0.017	U	0.0050	0.017	mg/Kg
124-48-1	Dibromochloromethane	0.0034	U	0.00089	0.0034	mg/Kg
106-93-4	1,2-Dibromoethane	0.0034	U	0.00088	0.0034	mg/Kg
127-18-4	Tetrachloroethene	0.0054		0.00047	0.0034	mg/Kg
108-90-7	Chlorobenzene	0.0034	U	0.00053	0.0034	mg/Kg
100-41-4	Ethyl Benzene	0.0034	U	0.00058	0.0034	mg/Kg
179601-23-1	m/p-Xylenes	0.0068	U	0.0011	0.0068	mg/Kg
95-47-6	o-Xylene	0.0034	U	0.00074	0.0034	mg/Kg
100-42-5	Styrene	0.0034	U	0.00067	0.0034	mg/Kg
75-25-2	Bromoform	0.0034	U	0.0022	0.0034	mg/Kg
98-82-8	Isopropylbenzene	0.0034	U	0.00059	0.0034	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0034	U	0.00074	0.0034	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0034	U	0.00072	0.0034	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0034	U	0.00072	0.0034	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0034	U	0.00086	0.0034	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0034	U	0.0023	0.0034	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0034	U	0.00075	0.0034	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0034	U	0.00086	0.0034	mg/Kg
123-91-1	1,4-Dioxane	0.068	U	0.034	0.068	mg/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.1		56 - 120	118%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		57 - 135	103%	SPK: 50
2037-26-5	Toluene-d8	51.5		67 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.2		33 - 141	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	239000	7.8			
540-36-3	1,4-Difluorobenzene	445000	8.7			
3114-55-4	Chlorobenzene-d5	404000	11.49			
3855-82-1	1,4-Dichlorobenzene-d4	177000	13.42			

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/16
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SB-4	SDG No.:	K6069
Lab Sample ID:	K6069-04	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	8.7
Sample Wt/Vol:	8.08	Units:	g
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
		Final Vol:	5000
		Test:	VOCMS Group1
		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY000823.D	1		11/27/19 16:47	VY112719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	11/25/19
Project:	101-21 101st Street, Ozone Park, NY		Date Received:	11/26/19
Client Sample ID:	SB-3-WS		SDG No.:	K6069
Lab Sample ID:	K6069-05		Matrix:	Water
Analytical Method:	SW8270		% Moisture:	100
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP001174.D	1	11/27/19 10:15	12/04/19 00:37	PB125173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.0	U	2.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	10.0	U	3.40	10.0	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10.0	U	3.00	10.0	ug/L
98-86-2	Acetophenone	10.0	U	3.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10.0	U	4.70	10.0	ug/L
67-72-1	Hexachloroethane	10.0	U	2.90	10.0	ug/L
98-95-3	Nitrobenzene	10.0	U	2.60	10.0	ug/L
78-59-1	Isophorone	10.0	U	2.20	10.0	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.0	U	2.50	10.0	ug/L
91-20-3	Naphthalene	10.0	U	2.50	10.0	ug/L
106-47-8	4-Chloroaniline	10.0	U	4.50	10.0	ug/L
87-68-3	Hexachlorobutadiene	10.0	U	3.20	10.0	ug/L
105-60-2	Caprolactam	10.0	U	3.40	10.0	ug/L
91-57-6	2-Methylnaphthalene	10.0	U	2.50	10.0	ug/L
77-47-4	Hexachlorocyclopentadiene	10.0	U	7.60	10.0	ug/L
92-52-4	1,1-Biphenyl	10.0	U	3.30	10.0	ug/L
91-58-7	2-Chloronaphthalene	10.0	U	3.00	10.0	ug/L
88-74-4	2-Nitroaniline	10.0	U	3.10	10.0	ug/L
131-11-3	Dimethylphthalate	5.20	J	2.70	10.0	ug/L
208-96-8	Acenaphthylene	10.0	U	2.70	10.0	ug/L
606-20-2	2,6-Dinitrotoluene	10.0	U	3.10	10.0	ug/L
99-09-2	3-Nitroaniline	10.0	U	4.20	10.0	ug/L
83-32-9	Acenaphthene	10.0	U	2.80	10.0	ug/L
132-64-9	Dibenzofuran	10.0	U	3.20	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	10.0	U	3.10	10.0	ug/L
84-66-2	Diethylphthalate	10.0	U	2.90	10.0	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10.0	U	3.30	10.0	ug/L
86-73-7	Fluorene	10.0	U	2.50	10.0	ug/L
100-01-6	4-Nitroaniline	10.0	U	3.40	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	10.0	U	2.90	10.0	ug/L
101-55-3	4-Bromophenyl-phenylether	10.0	U	2.60	10.0	ug/L

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	11/25/19
Project:	101-21 101st Street, Ozone Park, NY		Date Received:	11/26/19
Client Sample ID:	SB-3-WS		SDG No.:	K6069
Lab Sample ID:	K6069-05		Matrix:	Water
Analytical Method:	SW8270		% Moisture:	100
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP001174.D	1	11/27/19 10:15	12/04/19 00:37	PB125173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-74-1	Hexachlorobenzene	10.0	U	2.70	10.0	ug/L
1912-24-9	Atrazine	10.0	U	2.90	10.0	ug/L
85-01-8	Phenanthrene	10.0	U	2.50	10.0	ug/L
120-12-7	Anthracene	10.0	U	2.50	10.0	ug/L
86-74-8	Carbazole	10.0	U	3.20	10.0	ug/L
84-74-2	Di-n-butylphthalate	4.00	J	3.70	10.0	ug/L
206-44-0	Fluoranthene	10.0	U	2.90	10.0	ug/L
129-00-0	Pyrene	10.0	U	2.50	10.0	ug/L
85-68-7	Butylbenzylphthalate	10.0	U	3.10	10.0	ug/L
91-94-1	3,3-Dichlorobenzidine	10.0	U	5.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	10.0	U	2.30	10.0	ug/L
218-01-9	Chrysene	10.0	U	2.40	10.0	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10.0	U	3.60	10.0	ug/L
117-84-0	Di-n-octyl phthalate	10.0	U	3.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	10.0	U	2.30	10.0	ug/L
207-08-9	Benzo(k)fluoranthene	10.0	U	2.30	10.0	ug/L
50-32-8	Benzo(a)pyrene	10.0	U	2.40	10.0	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.0	U	3.30	10.0	ug/L
53-70-3	Dibenzo(a,h)anthracene	10.0	U	2.60	10.0	ug/L
191-24-2	Benzo(g,h,i)perylene	10.0	U	2.60	10.0	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.0	U	3.10	10.0	ug/L

SURROGATES

4165-60-0	Nitrobenzene-d5	99.1		36 - 131	99%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.8		39 - 131	97%	SPK: 100
1718-51-0	Terphenyl-d14	97.2		23 - 130	97%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	116000	8.31
1146-65-2	Naphthalene-d8	418000	10.35
15067-26-2	Acenaphthene-d10	237000	13.21
1517-22-2	Phenanthrene-d10	450000	15.6
1719-03-5	Chrysene-d12	354000	19.25
1520-96-3	Perylene-d12	368000	21.02

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	11/25/19
Project:	101-21 101st Street, Ozone Park, NY		Date Received:	11/26/19
Client Sample ID:	SB-3-WS		SDG No.:	K6069
Lab Sample ID:	K6069-05		Matrix:	Water
Analytical Method:	SW8270		% Moisture:	100
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP001174.D	1	11/27/19 10:15	12/04/19 00:37	PB125173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	11/25/19	
Project:	101-21 101st Street, Ozone Park, NY		Date Received:	11/26/19	
Client Sample ID:	SB-3-WS		SDG No.:	K6069	
Lab Sample ID:	K6069-05		Matrix:	Water	
Analytical Method:	SW8260		% Moisture:	100	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:	uL		Test:	VOCMS Group1	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX013701.D	1		11/29/19 15:13	VX112919

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.00	U	0.22	1.00	ug/L
74-87-3	Chloromethane	1.00	U	0.30	1.00	ug/L
75-01-4	Vinyl Chloride	1.00	U	0.16	1.00	ug/L
74-83-9	Bromomethane	5.00	U	2.10	5.00	ug/L
75-00-3	Chloroethane	1.00	U	0.34	1.00	ug/L
75-69-4	Trichlorofluoromethane	1.00	U	0.16	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	0.21	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.00	U	0.18	1.00	ug/L
67-64-1	Acetone	3.60	J	0.90	5.00	ug/L
75-15-0	Carbon Disulfide	1.00	U	0.23	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	4.60		0.070	1.00	ug/L
79-20-9	Methyl Acetate	1.00	U	0.65	1.00	ug/L
75-09-2	Methylene Chloride	1.00	U	0.33	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	1.00	U	0.24	1.00	ug/L
75-34-3	1,1-Dichloroethane	1.00	U	0.17	1.00	ug/L
110-82-7	Cyclohexane	5.00	U	1.20	5.00	ug/L
78-93-3	2-Butanone	5.00	U	0.71	5.00	ug/L
56-23-5	Carbon Tetrachloride	1.00	U	0.22	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.00	U	0.30	1.00	ug/L
74-97-5	Bromochloromethane	1.00	U	0.31	1.00	ug/L
67-66-3	Chloroform	1.00	U	0.14	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	U	0.12	1.00	ug/L
108-87-2	Methylcyclohexane	1.00	U	0.17	1.00	ug/L
71-43-2	Benzene	1.00	U	0.10	1.00	ug/L
107-06-2	1,2-Dichloroethane	1.00	U	0.13	1.00	ug/L
79-01-6	Trichloroethene	3.60		0.27	1.00	ug/L
78-87-5	1,2-Dichloropropane	1.00	U	0.14	1.00	ug/L
75-27-4	Bromodichloromethane	1.00	U	0.10	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	5.00	U	0.85	5.00	ug/L
108-88-3	Toluene	0.27	J	0.12	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	1.00	U	0.19	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.00	U	0.16	1.00	ug/L

Report of Analysis

Client:	ATC Group Services LLC		Date Collected:	11/25/19	
Project:	101-21 101st Street, Ozone Park, NY		Date Received:	11/26/19	
Client Sample ID:	SB-3-WS		SDG No.:	K6069	
Lab Sample ID:	K6069-05		Matrix:	Water	
Analytical Method:	SW8260		% Moisture:	100	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX013701.D	1		11/29/19 15:13	VX112919

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	1.00	U	0.12	1.00	ug/L
591-78-6	2-Hexanone	5.00	U	1.40	5.00	ug/L
124-48-1	Dibromochloromethane	1.00	U	0.16	1.00	ug/L
106-93-4	1,2-Dibromoethane	1.00	U	0.14	1.00	ug/L
127-18-4	Tetrachloroethene	1.50		0.15	1.00	ug/L
108-90-7	Chlorobenzene	1.00	U	0.080	1.00	ug/L
100-41-4	Ethyl Benzene	0.30	J	0.080	1.00	ug/L
179601-23-1	m/p-Xylenes	0.89	J	0.20	2.00	ug/L
95-47-6	o-Xylene	1.00	U	0.13	1.00	ug/L
100-42-5	Styrene	1.00	U	0.11	1.00	ug/L
75-25-2	Bromoform	1.00	U	0.15	1.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	0.15	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	1.00	U	0.14	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	1.00	U	0.20	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	1.00	U	0.12	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	0.54	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	U	0.24	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	U	0.26	1.00	ug/L
123-91-1	1,4-Dioxane	100	U	13.8	100	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.7		61 - 141	95%	SPK: 50
1868-53-7	Dibromofluoromethane	48.0		69 - 133	96%	SPK: 50
2037-26-5	Toluene-d8	48.8		65 - 126	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.9		58 - 135	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	677000	5.65			
540-36-3	1,4-Difluorobenzene	1050000	6.85			
3114-55-4	Chlorobenzene-d5	928000	10.11			
3855-82-1	1,4-Dichlorobenzene-d4	429000	12.07			

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/25/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SB-3-WS	SDG No.:	K6069
Lab Sample ID:	K6069-05	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX013701.D	1		11/29/19 15:13	VX112919

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : 101-21 101ST STREET, OZONE PARK, NY

ATC GROUP SERVICES LLC

104 East 25th Street, 10th Floor

New York, NY - 10010

Phone No: 212-353-8280

ORDER ID : K6068

ATTENTION : Denise Cosenza



Table Of Contents for K6068

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6.2) Lab Certificate	101
6.3) Internal COC	102

1

2

3

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6

Cover Page

Order ID : K6068

Project ID : 101-21 101st Street, Ozone Park, NY

Client : ATC Group Services LLC

Lab Sample Number

K6068-01
K6068-02
K6068-03
K6068-04

Client Sample Number

SV-1
SV-2
SV-3
SV-4

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :

N. N. Pandya

APPROVED

By Nimisha Pandya, QA QC Supervisor at 10:35 am, Dec 10, 2019

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

ATC Group Services LLC

Project Name: 101-21 101st Street, Ozone Park, NY

Project # N/A

Chemtech Project # K6068

Test Name: TO-15

A. Number of Samples and Date of Receipt:

4 Air samples were received on 11/26/2019.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: TO-15. This data package contains results for TO-15.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_L were done using GC column RTX-1, which is 60 meters, 0.32 mm id, 1.0 um df, Restek Cat. #10157. The Trap was supplied by Entech, glass bead and Tenax , Entech 7100A Preconcentrator. The analysis of TO-15 was based on method TO-15.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

The Blank analysis indicated presence of Acetone[0.22 ppbv]

FileID:VL034422.D{VL1202ABL01}, Methylene Chloride[0.52 ppbv]

FileID:VL034422.D{VL1202ABL01}, Acetone[0.40 ppbv]

FileID:VL034454.D{VL1203ABL01}, Methylene Chloride[0.63 ppbv]

FileID:VL034454.D{VL1203ABL01} due to possible lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

Samples SV-1, SV-1DL, SV-2, SV-2DL, SV-3, SV-3DL, SV-4 and SV-4DL were diluted due to high concentrations.

E. Additional Comments:

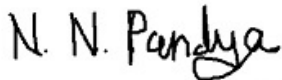
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

**APPROVED***By Nimisha Pandya, QA QC Supervisor at 10:36 am, Dec 10, 2019*

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: K6068

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

1st Level QA Review Signature: APARNA SONI

Date: 12/10/2019

2nd Level QA Review Signature:

N. N. Pandya

APPROVED

Date:

By Nimisha Pandya, QA QC Supervisor at 10:36 am, Dec 10, 2019

LAB CHRONICLE

OrderID: K6068
Client: ATC Group Services LLC
Contact: Denise Cosenza

OrderDate: 11/26/2019 2:58:00 PM
Project: 101-21 101st Street, Ozone Park, NY
Location:

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
K6068-01	SV-1	Air	TO-15	TO-15	11/25/19		12/02/19	11/26/19
K6068-01DL	SV-1DL	Air	TO-15	TO-15	11/25/19		12/02/19	11/26/19
K6068-01DL 2	SV-1DL2	Air	TO-15	TO-15	11/25/19		12/02/19	11/26/19
K6068-02	SV-2	Air	TO-15	TO-15	11/26/19		12/02/19	11/26/19
K6068-02DL	SV-2DL	Air	TO-15	TO-15	11/26/19		12/02/19	11/26/19
K6068-02DL 2	SV-2DL2	Air	TO-15	TO-15	11/26/19		12/03/19	11/26/19
K6068-03	SV-3	Air	TO-15	TO-15	11/26/19		12/02/19	11/26/19
K6068-03DL	SV-3DL	Air	TO-15	TO-15	11/26/19		12/02/19	11/26/19
K6068-03DL 2	SV-3DL2	Air	TO-15	TO-15	11/26/19		12/03/19	11/26/19
K6068-04	SV-4	Air	TO-15	TO-15	11/26/19		12/02/19	11/26/19
K6068-04DL	SV-4DL	Air	TO-15	TO-15	11/26/19		12/02/19	11/26/19



284 Sheffield Street, Mountainside, New Jersey - 07092

Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

K6068-04DL

2

SV-4DL2

Air

11/26/19

11/26/19

TO-15

TO-15

12/03/19

Hit Summary Sheet SW-846

SDG No.: K6068

Client: ATC Group Services LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	SV-1							
K6068-01	SV-1	Air	Dichlorodifluoromethane	2.32	J	0.49	2.47	ug/m3
K6068-01	SV-1	Air	Vinyl Chloride	0.18		0.050	0.080	ug/m3
K6068-01	SV-1	Air	Tetrahydrofuran	2.04		0.12	1.47	ug/m3
K6068-01	SV-1	Air	Trichlorofluoromethane	1.35	J	0.28	2.81	ug/m3
K6068-01	SV-1	Air	tert-Butyl alcohol	17.60		0.33	1.52	ug/m3
K6068-01	SV-1	Air	Heptane	11.50		0.16	2.05	ug/m3
K6068-01	SV-1	Air	Acetone	67.70	EB	0.14	1.19	ug/m3
K6068-01	SV-1	Air	Carbon Disulfide	2.68		0.19	1.56	ug/m3
K6068-01	SV-1	Air	Methylene Chloride	16.00	B	0.42	1.74	ug/m3
K6068-01	SV-1	Air	trans-1,2-Dichloroethene	4.76		0.24	1.98	ug/m3
K6068-01	SV-1	Air	Cyclohexane	5.51		0.34	1.72	ug/m3
K6068-01	SV-1	Air	2-Butanone	10.30		0.12	1.47	ug/m3
K6068-01	SV-1	Air	Carbon Tetrachloride	0.57		0.13	0.19	ug/m3
K6068-01	SV-1	Air	cis-1,2-Dichloroethene	21.40		0.20	1.98	ug/m3
K6068-01	SV-1	Air	Chloroform	11.20		0.10	2.44	ug/m3
K6068-01	SV-1	Air	1,1,1-Trichloroethane	16.90		0.050	0.16	ug/m3
K6068-01	SV-1	Air	2,2,4-Trimethylpentane	5.60		0.14	2.34	ug/m3
K6068-01	SV-1	Air	Benzene	9.90		0.13	1.60	ug/m3
K6068-01	SV-1	Air	Trichloroethene	484.00	E	0.11	0.16	ug/m3
K6068-01	SV-1	Air	Toluene	46.70		0.11	1.88	ug/m3
K6068-01	SV-1	Air	Tetrachloroethene	26.40		0.070	0.20	ug/m3
K6068-01	SV-1	Air	Ethyl Benzene	6.08		0.17	2.17	ug/m3
K6068-01	SV-1	Air	m/p-Xylene	20.00		0.43	4.34	ug/m3
K6068-01	SV-1	Air	o-Xylene	6.95		0.22	2.17	ug/m3
K6068-01	SV-1	Air	1,3,5-Trimethylbenzene	1.28	J	0.20	2.46	ug/m3
K6068-01	SV-1	Air	1,2,4-Trimethylbenzene	4.47		0.25	2.46	ug/m3
K6068-01	SV-1	Air	Hexachloro-1,3-Butadiene	1.81	J	0.75	5.33	ug/m3
K6068-01	SV-1	Air	Naphthalene	0.52	J	0.26	2.62	ug/m3
K6068-01	SV-1	Air	4-Ethyltoluene	1.62	J	0.20	2.46	ug/m3
K6068-01	SV-1	Air	Hexane	18.70		0.11	1.76	ug/m3
Total Voc :				826.3				
Total Concentration:				826.3				
Client ID:	SV-1DL							
K6068-01DL	SV-1DL	Air	tert-Butyl alcohol	22.10	D	3.33	15.2	ug/m3
K6068-01DL	SV-1DL	Air	Acetone	88.60	DB	1.40	11.9	ug/m3
K6068-01DL	SV-1DL	Air	cis-1,2-Dichloroethene	21.00	D	1.94	19.8	ug/m3
K6068-01DL	SV-1DL	Air	1,1,1-Trichloroethane	16.40	D	0.76	1.64	ug/m3

Hit Summary Sheet SW-846

SDG No.: K6068
Client: ATC Group Services LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
K6068-01DL	SV-1DL	Air	Trichloroethene	806.00	ED	0.86	1.61	ug/m3
K6068-01DL	SV-1DL	Air	Toluene	47.50	D	1.32	18.8	ug/m3
K6068-01DL	SV-1DL	Air	Tetrachloroethene	27.80	D	0.54	2.03	ug/m3
K6068-01DL	SV-1DL	Air	m/p-Xylene	17.40	JD	4.17	43.4	ug/m3
K6068-01DL	SV-1DL	Air	Hexane	22.20	D	1.16	17.6	ug/m3
Total Voc :				1069.09				
Total Concentration:				1069.09				
Client ID:	SV-1DL2							
K6068-01DL2	SV-1DL2	Air	Acetone	113.00	DB	5.70	47.5	ug/m3
K6068-01DL2	SV-1DL2	Air	Trichloroethene	914.00	D	3.55	6.45	ug/m3
Total Voc :				1026.69				
Total Concentration:				1026.69				
Client ID:	SV-2							
K6068-02	SV-2	Air	Dichlorodifluoromethane	179.00	E	0.49	2.47	ug/m3
K6068-02	SV-2	Air	Tetrahydrofuran	5.01		0.12	1.47	ug/m3
K6068-02	SV-2	Air	Trichlorofluoromethane	1.40	J	0.28	2.81	ug/m3
K6068-02	SV-2	Air	tert-Butyl alcohol	13.30		0.33	1.52	ug/m3
K6068-02	SV-2	Air	1,1-Dichloroethene	2.30		0.20	1.98	ug/m3
K6068-02	SV-2	Air	Acetone	76.70	EB	0.14	1.19	ug/m3
K6068-02	SV-2	Air	Carbon Disulfide	2.86		0.19	1.56	ug/m3
K6068-02	SV-2	Air	Methylene Chloride	10.10	B	0.42	1.74	ug/m3
K6068-02	SV-2	Air	trans-1,2-Dichloroethene	27.00		0.24	1.98	ug/m3
K6068-02	SV-2	Air	Cyclohexane	2.48		0.34	1.72	ug/m3
K6068-02	SV-2	Air	2-Butanone	8.26		0.12	1.47	ug/m3
K6068-02	SV-2	Air	Carbon Tetrachloride	0.50		0.13	0.19	ug/m3
K6068-02	SV-2	Air	cis-1,2-Dichloroethene	309.00	E	0.20	1.98	ug/m3
K6068-02	SV-2	Air	Chloroform	82.50	E	0.10	2.44	ug/m3
K6068-02	SV-2	Air	1,1,1-Trichloroethane	310.00	E	0.050	0.16	ug/m3
K6068-02	SV-2	Air	Benzene	8.31		0.13	1.60	ug/m3
K6068-02	SV-2	Air	Trichloroethene	2,630.00	E	0.11	0.16	ug/m3
K6068-02	SV-2	Air	4-Methyl-2-Pentanone	1.80	J	0.040	2.05	ug/m3
K6068-02	SV-2	Air	Toluene	18.50		0.11	1.88	ug/m3
K6068-02	SV-2	Air	Tetrachloroethene	882.00	E	0.070	0.20	ug/m3
K6068-02	SV-2	Air	Ethyl Benzene	4.04		0.17	2.17	ug/m3
K6068-02	SV-2	Air	m/p-Xylene	13.50		0.43	4.34	ug/m3
K6068-02	SV-2	Air	o-Xylene	5.21		0.22	2.17	ug/m3
K6068-02	SV-2	Air	Styrene	0.55	J	0.17	2.13	ug/m3
K6068-02	SV-2	Air	1,3,5-Trimethylbenzene	1.47	J	0.20	2.46	ug/m3

Hit Summary Sheet SW-846

SDG No.: K6068
Client: ATC Group Services LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
K6068-02	SV-2	Air	1,2,4-Trimethylbenzene	5.90		0.25	2.46	ug/m3
K6068-02	SV-2	Air	Naphthalene	0.73	J	0.26	2.62	ug/m3
K6068-02	SV-2	Air	4-Ethyltoluene	2.11	J	0.20	2.46	ug/m3
K6068-02	SV-2	Air	Hexane	7.40		0.11	1.76	ug/m3
Total Voc :				4615.53				
Total Concentration:				4615.53				
Client ID:	SV-2DL							
K6068-02DL	SV-2DL	Air	Dichlorodifluoromethane	429.00	D	4.94	24.7	ug/m3
K6068-02DL	SV-2DL	Air	tert-Butyl alcohol	16.40	D	3.33	15.2	ug/m3
K6068-02DL	SV-2DL	Air	Acetone	97.20	DB	1.40	11.9	ug/m3
K6068-02DL	SV-2DL	Air	trans-1,2-Dichloroethene	24.60	D	2.18	19.8	ug/m3
K6068-02DL	SV-2DL	Air	cis-1,2-Dichloroethene	674.00	ED	1.94	19.8	ug/m3
K6068-02DL	SV-2DL	Air	Chloroform	89.90	D	0.83	24.4	ug/m3
K6068-02DL	SV-2DL	Air	1,1,1-Trichloroethane	477.00	D	0.76	1.64	ug/m3
K6068-02DL	SV-2DL	Air	Benzene	8.31	JD	1.25	16.0	ug/m3
K6068-02DL	SV-2DL	Air	Trichloroethene	8,600.00	ED	0.86	1.61	ug/m3
K6068-02DL	SV-2DL	Air	Toluene	18.10	JD	1.32	18.8	ug/m3
K6068-02DL	SV-2DL	Air	Tetrachloroethene	1,700.00	ED	0.54	2.03	ug/m3
K6068-02DL	SV-2DL	Air	m/p-Xylene	11.70	JD	4.17	43.4	ug/m3
K6068-02DL	SV-2DL	Air	o-Xylene	4.30	JD	2.00	21.7	ug/m3
Total Voc :				12144.56				
Total Concentration:				12144.56				
Client ID:	SV-2DL2							
K6068-02DL2	SV-2DL2	Air	cis-1,2-Dichloroethene	555.00	JD	117	1190	ug/m3
K6068-02DL2	SV-2DL2	Air	1,1,1-Trichloroethane	442.00	D	45.3	98.2	ug/m3
K6068-02DL2	SV-2DL2	Air	Trichloroethene	28,500.00	D	52.7	96.7	ug/m3
K6068-02DL2	SV-2DL2	Air	Tetrachloroethene	1,420.00	D	31.9	122	ug/m3
Total Voc :				30904.51				
Total Concentration:				30904.51				
Client ID:	SV-3							
K6068-03	SV-3	Air	Dichlorodifluoromethane	16.30		0.49	2.47	ug/m3
K6068-03	SV-3	Air	Chloroethane	1.66		0.11	1.32	ug/m3
K6068-03	SV-3	Air	Tetrahydrofuran	7.96		0.12	1.47	ug/m3
K6068-03	SV-3	Air	Trichlorofluoromethane	1.52	J	0.28	2.81	ug/m3
K6068-03	SV-3	Air	tert-Butyl alcohol	11.50		0.33	1.52	ug/m3
K6068-03	SV-3	Air	Heptane	2.17		0.16	2.05	ug/m3
K6068-03	SV-3	Air	Acetone	41.60	EB	0.14	1.19	ug/m3
K6068-03	SV-3	Air	Methylene Chloride	11.50	B	0.42	1.74	ug/m3
K6068-03	SV-3	Air	trans-1,2-Dichloroethene	20.20		0.24	1.98	ug/m3

Hit Summary Sheet SW-846

SDG No.: K6068
Client: ATC Group Services LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
K6068-03	SV-3	Air	Cyclohexane	1.82		0.34	1.72	ug/m3
K6068-03	SV-3	Air	2-Butanone	8.55		0.12	1.47	ug/m3
K6068-03	SV-3	Air	Carbon Tetrachloride	0.57		0.13	0.19	ug/m3
K6068-03	SV-3	Air	cis-1,2-Dichloroethene	186.00	E	0.20	1.98	ug/m3
K6068-03	SV-3	Air	Chloroform	68.90		0.10	2.44	ug/m3
K6068-03	SV-3	Air	1,1,1-Trichloroethane	82.40	E	0.050	0.16	ug/m3
K6068-03	SV-3	Air	Benzene	2.88		0.13	1.60	ug/m3
K6068-03	SV-3	Air	Trichloroethene	1,500.00	E	0.11	0.16	ug/m3
K6068-03	SV-3	Air	4-Methyl-2-Pentanone	1.84	J	0.040	2.05	ug/m3
K6068-03	SV-3	Air	Toluene	20.00		0.11	1.88	ug/m3
K6068-03	SV-3	Air	Tetrachloroethene	746.00	E	0.070	0.20	ug/m3
K6068-03	SV-3	Air	Ethyl Benzene	3.52		0.17	2.17	ug/m3
K6068-03	SV-3	Air	m/p-Xylene	11.70		0.43	4.34	ug/m3
K6068-03	SV-3	Air	o-Xylene	4.34		0.22	2.17	ug/m3
K6068-03	SV-3	Air	1,3,5-Trimethylbenzene	1.33	J	0.20	2.46	ug/m3
K6068-03	SV-3	Air	1,2,4-Trimethylbenzene	5.41		0.25	2.46	ug/m3
K6068-03	SV-3	Air	Naphthalene	0.68	J	0.26	2.62	ug/m3
K6068-03	SV-3	Air	4-Ethyltoluene	1.67	J	0.20	2.46	ug/m3
K6068-03	SV-3	Air	Hexane	5.29		0.11	1.76	ug/m3
Total Voc :				2771.92				
Total Concentration:				2771.92				
Client ID:	SV-3DL							
K6068-03DL	SV-3DL	Air	Dichlorodifluoromethane	20.80	JD	4.94	24.7	ug/m3
K6068-03DL	SV-3DL	Air	tert-Butyl alcohol	15.50	D	3.33	15.2	ug/m3
K6068-03DL	SV-3DL	Air	Acetone	48.70	DB	1.40	11.9	ug/m3
K6068-03DL	SV-3DL	Air	trans-1,2-Dichloroethene	19.00	JD	2.18	19.8	ug/m3
K6068-03DL	SV-3DL	Air	cis-1,2-Dichloroethene	246.00	D	1.94	19.8	ug/m3
K6068-03DL	SV-3DL	Air	Chloroform	74.20	D	0.83	24.4	ug/m3
K6068-03DL	SV-3DL	Air	1,1,1-Trichloroethane	82.40	D	0.76	1.64	ug/m3
K6068-03DL	SV-3DL	Air	Trichloroethene	4,780.00	ED	0.86	1.61	ug/m3
K6068-03DL	SV-3DL	Air	Toluene	17.30	JD	1.32	18.8	ug/m3
K6068-03DL	SV-3DL	Air	Tetrachloroethene	1,150.00	ED	0.54	2.03	ug/m3
K6068-03DL	SV-3DL	Air	m/p-Xylene	9.12	JD	4.17	43.4	ug/m3
Total Voc :				6469.13				
Total Concentration:				6469.13				
Client ID:	SV-3DL2							
K6068-03DL2	SV-3DL2	Air	cis-1,2-Dichloroethene	174.00	JD	38.9	396	ug/m3
K6068-03DL2	SV-3DL2	Air	Trichloroethene	5,910.00	D	17.7	32.3	ug/m3

Hit Summary Sheet SW-846

SDG No.: K6068
Client: ATC Group Services LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
K6068-03DL2	SV-3DL2	Air	Tetrachloroethene	882.00	D	10.8	40.7	ug/m3
Total Voc :				6967.66				
Total Concentration:				6967.66				
Client ID:	SV-4							
K6068-04	SV-4	Air	Dichlorodifluoromethane	3.16		0.49	2.47	ug/m3
K6068-04	SV-4	Air	Chloromethane	0.85	J	0.080	1.03	ug/m3
K6068-04	SV-4	Air	Trichlorofluoromethane	1.35	J	0.28	2.81	ug/m3
K6068-04	SV-4	Air	tert-Butyl alcohol	5.46		0.33	1.52	ug/m3
K6068-04	SV-4	Air	Heptane	2.13		0.16	2.05	ug/m3
K6068-04	SV-4	Air	Acetone	112.00	EB	0.14	1.19	ug/m3
K6068-04	SV-4	Air	Carbon Disulfide	5.29		0.19	1.56	ug/m3
K6068-04	SV-4	Air	Methylene Chloride	3.82	B	0.42	1.74	ug/m3
K6068-04	SV-4	Air	trans-1,2-Dichloroethene	1.63	J	0.24	1.98	ug/m3
K6068-04	SV-4	Air	Cyclohexane	1.62	J	0.34	1.72	ug/m3
K6068-04	SV-4	Air	2-Butanone	8.26		0.12	1.47	ug/m3
K6068-04	SV-4	Air	Carbon Tetrachloride	0.44		0.13	0.19	ug/m3
K6068-04	SV-4	Air	cis-1,2-Dichloroethene	59.90	E	0.20	1.98	ug/m3
K6068-04	SV-4	Air	Chloroform	8.30		0.10	2.44	ug/m3
K6068-04	SV-4	Air	1,1,1-Trichloroethane	24.60		0.050	0.16	ug/m3
K6068-04	SV-4	Air	Benzene	5.43		0.13	1.60	ug/m3
K6068-04	SV-4	Air	Trichloroethene	1,240.00	E	0.11	0.16	ug/m3
K6068-04	SV-4	Air	4-Methyl-2-Pentanone	0.94	J	0.040	2.05	ug/m3
K6068-04	SV-4	Air	Toluene	10.20		0.11	1.88	ug/m3
K6068-04	SV-4	Air	Tetrachloroethene	1,150.00	E	0.070	0.20	ug/m3
K6068-04	SV-4	Air	Ethyl Benzene	1.78	J	0.17	2.17	ug/m3
K6068-04	SV-4	Air	m/p-Xylene	6.95		0.43	4.34	ug/m3
K6068-04	SV-4	Air	o-Xylene	2.48		0.22	2.17	ug/m3
K6068-04	SV-4	Air	1,3,5-Trimethylbenzene	0.74	J	0.20	2.46	ug/m3
K6068-04	SV-4	Air	1,2,4-Trimethylbenzene	3.00		0.25	2.46	ug/m3
K6068-04	SV-4	Air	4-Ethyltoluene	1.08	J	0.20	2.46	ug/m3
K6068-04	SV-4	Air	Hexane	4.23		0.11	1.76	ug/m3
Total Voc :				2664.52				
Total Concentration:				2664.52				
Client ID:	SV-4DL							
K6068-04DL	SV-4DL	Air	Acetone	175.00	DB	1.40	11.9	ug/m3
K6068-04DL	SV-4DL	Air	cis-1,2-Dichloroethene	59.50	D	1.94	19.8	ug/m3
K6068-04DL	SV-4DL	Air	Chloroform	7.81	JD	0.83	24.4	ug/m3
K6068-04DL	SV-4DL	Air	1,1,1-Trichloroethane	23.50	D	0.76	1.64	ug/m3

Hit Summary Sheet
SW-846

SDG No.: K6068
Client: ATC Group Services LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
K6068-04DL	SV-4DL	Air	Trichloroethene	3,870.00	ED	0.86	1.61	ug/m3
K6068-04DL	SV-4DL	Air	Toluene	8.67	JD	1.32	18.8	ug/m3
K6068-04DL	SV-4DL	Air	Tetrachloroethene	2,440.00	ED	0.54	2.03	ug/m3
Total Voc :				6584.92				
Total Concentration:				6584.92				
Client ID:	SV-4DL2							
K6068-04DL2	SV-4DL2	Air	Trichloroethene	3,650.00	D	8.60	16.1	ug/m3
K6068-04DL2	SV-4DL2	Air	Tetrachloroethene	1,760.00	D	5.29	20.3	ug/m3
Total Voc :				5417.59				
Total Concentration:				5417.59				

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/25/19

Field Id Number : SV-1

Analysis Date : 12/02/19

Laboratory Id Number : K6068-01

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.47	J	2.32		
Chloromethane	74-87-3	50.49	0.5	U	1.03		
Vinyl Chloride	75-01-4	62.5	0.07		0.18		
Bromomethane	74-83-9	94.94	0.5	U	1.94		
Chloroethane	75-00-3	64.52	0.5	U	1.32		
Tetrahydrofuran	109-99-9	72.11	0.69		2.04		
Trichlorofluoromethane	75-69-4	137.4	0.24	J	1.35		
Dichlorotetrafluoroethane	76-14-2	170.9	0.5	U	3.49		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.5	U	3.83		
tert-Butyl alcohol	75-65-0	74.12	5.8		17.6		
Heptane	142-82-5	100.2	2.8		11.5		
1,1-Dichloroethene	75-35-4	96.94	0.5	U	1.98		
Acetone	67-64-1	58.08	28.5	E	67.7		
Carbon Disulfide	75-15-0	76.14	0.86		2.68		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.5	U	1.8		
Methylene Chloride	75-09-2	84.94	4.6		16.0		
trans-1,2-Dichloroethene	156-60-5	96.94	1.2		4.76		
1,1-Dichloroethane	75-34-3	98.96	0.5	U	2.02		
Cyclohexane	110-82-7	84.16	1.6		5.51		
2-Butanone	78-93-3	72.11	3.5		10.3		
Carbon Tetrachloride	56-23-5	153.8	0.09		0.57		
cis-1,2-Dichloroethene	156-59-2	96.94	5.4		21.4		
Chloroform	67-66-3	119.4	2.3		11.2		
1,1,1-Trichloroethane	71-55-6	133.4	3.1		16.9		
2,2,4-Trimethylpentane	540-84-1	114.2	1.2		5.6		
Benzene	71-43-2	78.11	3.1		9.9		
1,2-Dichloroethane	107-06-2	98.96	0.5	U	2.02		
Trichloroethene	79-01-6	131.4	90.1	E	484		
1,2-Dichloropropane	78-87-5	113	0.5	U	2.31		
Bromodichloromethane	75-27-4	163.8	0.5	U	3.35		
4-Methyl-2-Pentanone	108-10-1	100.2	0.5	U	2.05		
Toluene	108-88-3	92.14	12.4		46.7		
t-1,3-Dichloropropene	10061-02-6	111	0.5	U	2.27		
cis-1,3-Dichloropropene	10061-01-5	111	0.5	U	2.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.5	U	2.73		
Dibromochloromethane	124-48-1	208.3	0.5	U	4.26		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/25/19

Field Id Number : SV-1

Analysis Date : 12/02/19

Laboratory Id Number : K6068-01

Target Analyts : Air Results

1,2-Dibromoethane	106-93-4	187.9	0.5	U	3.84		
Tetrachloroethene	127-18-4	165.8	3.9		26.4		
Chlorobenzene	108-90-7	112.6	0.5	U	2.3		
Ethyl Benzene	100-41-4	106.2	1.4		6.08		
m/p-Xylene	179601-23-1	106.2	4.6		20.0		
o-Xylene	95-47-6	106.2	1.6		6.95		
Styrene	100-42-5	104.1	0.5	U	2.13		
Bromoform	75-25-2	252.8	0.5	U	5.17		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.03	U	0.21		
2-Chlorotoluene	95-49-8	126.6	0.5	U	2.59		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.26	J	1.28		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.91		4.47		
1,3-Dichlorobenzene	541-73-1	147	0.5	U	3.01		
1,4-Dichlorobenzene	106-46-7	147	0.5	U	3.01		
1,2-Dichlorobenzene	95-50-1	147	0.5	U	3.01		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.5	U	3.71		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.17	J	1.81		
Naphthalene	91-20-3	128.17	0.1	J	0.52		
1,3-Butadiene	106-99-0	54.09	0.5	U	1.11		
4-Ethyltoluene	622-96-8	120.2	0.33	J	1.62		
Hexane	110-54-3	86.17	5.3		18.7		
Allyl Chloride	107-05-1	76.53	0.5	U	1.57		
1,4-Dioxane	123-91-1	88.12	0.5	U	1.8		
Methyl Methacrylate	80-62-6	100.117	0.5	U	2.05		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/25/19

Field Id Number : SV-1DL

Analysis Date : 12/02/19

Laboratory Id Number : K6068-01DL

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	5	UD	24.7		
Chloromethane	74-87-3	50.49	5	UD	10.3		
Vinyl Chloride	75-01-4	62.5	0.3	UD	0.77		
Bromomethane	74-83-9	94.94	5	UD	19.4		
Chloroethane	75-00-3	64.52	5	UD	13.2		
Tetrahydrofuran	109-99-9	72.11	5	UD	14.8		
Trichlorofluoromethane	75-69-4	137.4	5	UD	28.1		
Dichlorotetrafluoroethane	76-14-2	170.9	5	UD	35.0		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	5	UD	38.3		
tert-Butyl alcohol	75-65-0	74.12	7.3	D	22.1		
Heptane	142-82-5	100.2	5	UD	20.5		
1,1-Dichloroethene	75-35-4	96.94	5	UD	19.8		
Acetone	67-64-1	58.08	37.3	D	88.6		
Carbon Disulfide	75-15-0	76.14	5	UD	15.6		
Methyl tert-Butyl Ether	1634-04-4	88.15	5	UD	18.0		
Methylene Chloride	75-09-2	84.94	5	UD	17.4		
trans-1,2-Dichloroethene	156-60-5	96.94	5	UD	19.8		
1,1-Dichloroethane	75-34-3	98.96	5	UD	20.2		
Cyclohexane	110-82-7	84.16	5	UD	17.2		
2-Butanone	78-93-3	72.11	5	UD	14.8		
Carbon Tetrachloride	56-23-5	153.8	0.3	UD	1.89		
cis-1,2-Dichloroethene	156-59-2	96.94	5.3	D	21.0		
Chloroform	67-66-3	119.4	5	UD	24.4		
1,1,1-Trichloroethane	71-55-6	133.4	3	D	16.4		
2,2,4-Trimethylpentane	540-84-1	114.2	5	UD	23.4		
Benzene	71-43-2	78.11	5	UD	16.0		
1,2-Dichloroethane	107-06-2	98.96	5	UD	20.2		
Trichloroethene	79-01-6	131.4	150	ED	806		
1,2-Dichloropropane	78-87-5	113	5	UD	23.1		
Bromodichloromethane	75-27-4	163.8	5	UD	33.5		
4-Methyl-2-Pentanone	108-10-1	100.2	5	UD	20.5		
Toluene	108-88-3	92.14	12.6	D	47.5		
t-1,3-Dichloropropene	10061-02-6	111	5	UD	22.7		
cis-1,3-Dichloropropene	10061-01-5	111	5	UD	22.7		
1,1,2-Trichloroethane	79-00-5	133.4	5	UD	27.3		
Dibromochloromethane	124-48-1	208.3	5	UD	42.6		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/25/19

Field Id Number : SV-1DL

Analysis Date : 12/02/19

Laboratory Id Number : K6068-01DL

Target Analyts : Air Results

1,2-Dibromoethane	106-93-4	187.9	5	UD	38.4		
Tetrachloroethene	127-18-4	165.8	4.1	D	27.8		
Chlorobenzene	108-90-7	112.6	5	UD	23.0		
Ethyl Benzene	100-41-4	106.2	5	UD	21.7		
m/p-Xylene	179601-23-1	106.2	4	JD	17.4		
o-Xylene	95-47-6	106.2	5	UD	21.7		
Styrene	100-42-5	104.1	5	UD	21.3		
Bromoform	75-25-2	252.8	5	UD	51.7		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.3	UD	2.06		
2-Chlorotoluene	95-49-8	126.6	5	UD	25.9		
1,3,5-Trimethylbenzene	108-67-8	120.2	5	UD	24.6		
1,2,4-Trimethylbenzene	95-63-6	120.2	5	UD	24.6		
1,3-Dichlorobenzene	541-73-1	147	5	UD	30.1		
1,4-Dichlorobenzene	106-46-7	147	5	UD	30.1		
1,2-Dichlorobenzene	95-50-1	147	5	UD	30.1		
1,2,4-Trichlorobenzene	120-82-1	181.5	5	UD	37.1		
Hexachloro-1,3-Butadiene	87-68-3	260.8	5	UD	53.3		
Naphthalene	91-20-3	128.17	5	UD	26.2		
1,3-Butadiene	106-99-0	54.09	5	UD	11.1		
4-Ethyltoluene	622-96-8	120.2	5	UD	24.6		
Hexane	110-54-3	86.17	6.3	D	22.2		
Allyl Chloride	107-05-1	76.53	5	UD	15.6		
1,4-Dioxane	123-91-1	88.12	5	UD	18.0		
Methyl Methacrylate	80-62-6	100.117	5	UD	20.5		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/25/19

Field Id Number : SV-1DL2

Analysis Date : 12/02/19

Laboratory Id Number : K6068-01DL2

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	20	UD	98.9		
Chloromethane	74-87-3	50.49	20	UD	41.3		
Vinyl Chloride	75-01-4	62.5	1.2	UD	3.07		
Bromomethane	74-83-9	94.94	20	UD	77.7		
Chloroethane	75-00-3	64.52	20	UD	52.8		
Tetrahydrofuran	109-99-9	72.11	20	UD	59.0		
Trichlorofluoromethane	75-69-4	137.4	20	UD	112		
Dichlorotetrafluoroethane	76-14-2	170.9	20	UD	139		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	20	UD	153		
tert-Butyl alcohol	75-65-0	74.12	20	UD	60.6		
Heptane	142-82-5	100.2	20	UD	82.0		
1,1-Dichloroethene	75-35-4	96.94	20	UD	79.3		
Acetone	67-64-1	58.08	47.6	D	113		
Carbon Disulfide	75-15-0	76.14	20	UD	62.3		
Methyl tert-Butyl Ether	1634-04-4	88.15	20	UD	72.1		
Methylene Chloride	75-09-2	84.94	20	UD	69.5		
trans-1,2-Dichloroethene	156-60-5	96.94	20	UD	79.3		
1,1-Dichloroethane	75-34-3	98.96	20	UD	81.0		
Cyclohexane	110-82-7	84.16	20	UD	68.8		
2-Butanone	78-93-3	72.11	20	UD	59.0		
Carbon Tetrachloride	56-23-5	153.8	1.2	UD	7.55		
cis-1,2-Dichloroethene	156-59-2	96.94	20	UD	79.3		
Chloroform	67-66-3	119.4	20	UD	97.7		
1,1,1-Trichloroethane	71-55-6	133.4	1.2	UD	6.55		
2,2,4-Trimethylpentane	540-84-1	114.2	20	UD	93.4		
Benzene	71-43-2	78.11	20	UD	63.9		
1,2-Dichloroethane	107-06-2	98.96	20	UD	81.0		
Trichloroethene	79-01-6	131.4	170	D	913		
1,2-Dichloropropane	78-87-5	113	20	UD	92.4		
Bromodichloromethane	75-27-4	163.8	20	UD	133		
4-Methyl-2-Pentanone	108-10-1	100.2	20	UD	82.0		
Toluene	108-88-3	92.14	20	UD	75.4		
t-1,3-Dichloropropene	10061-02-6	111	20	UD	90.8		
cis-1,3-Dichloropropene	10061-01-5	111	20	UD	90.8		
1,1,2-Trichloroethane	79-00-5	133.4	20	UD	109		
Dibromochloromethane	124-48-1	208.3	20	UD	170		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/25/19

Field Id Number : SV-1DL2

Analysis Date : 12/02/19

Laboratory Id Number : K6068-01DL2

Target Analyts : Air Results

1,2-Dibromoethane	106-93-4	187.9	20	UD	153		
Tetrachloroethene	127-18-4	165.8	1.2	UD	8.14		
Chlorobenzene	108-90-7	112.6	20	UD	92.1		
Ethyl Benzene	100-41-4	106.2	20	UD	86.9		
m/p-Xylene	179601-23-1	106.2	40	UD	173		
o-Xylene	95-47-6	106.2	20	UD	86.9		
Styrene	100-42-5	104.1	20	UD	85.2		
Bromoform	75-25-2	252.8	20	UD	206		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	1.2	UD	8.24		
2-Chlorotoluene	95-49-8	126.6	20	UD	103		
1,3,5-Trimethylbenzene	108-67-8	120.2	20	UD	98.3		
1,2,4-Trimethylbenzene	95-63-6	120.2	20	UD	98.3		
1,3-Dichlorobenzene	541-73-1	147	20	UD	120		
1,4-Dichlorobenzene	106-46-7	147	20	UD	120		
1,2-Dichlorobenzene	95-50-1	147	20	UD	120		
1,2,4-Trichlorobenzene	120-82-1	181.5	20	UD	148		
Hexachloro-1,3-Butadiene	87-68-3	260.8	20	UD	213		
Naphthalene	91-20-3	128.17	20	UD	104		
1,3-Butadiene	106-99-0	54.09	20	UD	44.2		
4-Ethyltoluene	622-96-8	120.2	20	UD	98.3		
Hexane	110-54-3	86.17	20	UD	70.5		
Allyl Chloride	107-05-1	76.53	20	UD	62.6		
1,4-Dioxane	123-91-1	88.12	20	UD	72.1		
Methyl Methacrylate	80-62-6	100.117	20	UD	81.9		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/26/19

Field Id Number : SV-2

Analysis Date : 12/02/19

Laboratory Id Number : K6068-02

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	36.2	E	179		
Chloromethane	74-87-3	50.49	0.5	U	1.03		
Vinyl Chloride	75-01-4	62.5	0.03	U	0.08		
Bromomethane	74-83-9	94.94	0.5	U	1.94		
Chloroethane	75-00-3	64.52	0.5	U	1.32		
Tetrahydrofuran	109-99-9	72.11	1.7		5.01		
Trichlorofluoromethane	75-69-4	137.4	0.25	J	1.4		
Dichlorotetrafluoroethane	76-14-2	170.9	0.5	U	3.49		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.5	U	3.83		
tert-Butyl alcohol	75-65-0	74.12	4.4		13.3		
Heptane	142-82-5	100.2	0.5	U	2.05		
1,1-Dichloroethene	75-35-4	96.94	0.58		2.3		
Acetone	67-64-1	58.08	32.3	E	76.7		
Carbon Disulfide	75-15-0	76.14	0.92		2.86		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.5	U	1.8		
Methylene Chloride	75-09-2	84.94	2.9		10.1		
trans-1,2-Dichloroethene	156-60-5	96.94	6.8		27.0		
1,1-Dichloroethane	75-34-3	98.96	0.5	U	2.02		
Cyclohexane	110-82-7	84.16	0.72		2.48		
2-Butanone	78-93-3	72.11	2.8		8.26		
Carbon Tetrachloride	56-23-5	153.8	0.08		0.5		
cis-1,2-Dichloroethene	156-59-2	96.94	78	E	309		
Chloroform	67-66-3	119.4	16.9	E	82.5		
1,1,1-Trichloroethane	71-55-6	133.4	56.9	E	310		
2,2,4-Trimethylpentane	540-84-1	114.2	0.5	U	2.34		
Benzene	71-43-2	78.11	2.6		8.31		
1,2-Dichloroethane	107-06-2	98.96	0.5	U	2.02		
Trichloroethene	79-01-6	131.4	490	E	2633		
1,2-Dichloropropane	78-87-5	113	0.5	U	2.31		
Bromodichloromethane	75-27-4	163.8	0.5	U	3.35		
4-Methyl-2-Pentanone	108-10-1	100.2	0.44	J	1.8		
Toluene	108-88-3	92.14	4.9		18.5		
t-1,3-Dichloropropene	10061-02-6	111	0.5	U	2.27		
cis-1,3-Dichloropropene	10061-01-5	111	0.5	U	2.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.5	U	2.73		
Dibromochloromethane	124-48-1	208.3	0.5	U	4.26		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/26/19

Field Id Number : SV-2

Analysis Date : 12/02/19

Laboratory Id Number : K6068-02

Target Analyts : Air Results

1,2-Dibromoethane	106-93-4	187.9	0.5	U	3.84		
Tetrachloroethene	127-18-4	165.8	130	E	881		
Chlorobenzene	108-90-7	112.6	0.5	U	2.3		
Ethyl Benzene	100-41-4	106.2	0.93		4.04		
m/p-Xylene	179601-23-1	106.2	3.1		13.5		
o-Xylene	95-47-6	106.2	1.2		5.21		
Styrene	100-42-5	104.1	0.13	J	0.55		
Bromoform	75-25-2	252.8	0.5	U	5.17		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.03	U	0.21		
2-Chlorotoluene	95-49-8	126.6	0.5	U	2.59		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.3	J	1.47		
1,2,4-Trimethylbenzene	95-63-6	120.2	1.2		5.9		
1,3-Dichlorobenzene	541-73-1	147	0.5	U	3.01		
1,4-Dichlorobenzene	106-46-7	147	0.5	U	3.01		
1,2-Dichlorobenzene	95-50-1	147	0.5	U	3.01		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.5	U	3.71		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.5	U	5.33		
Naphthalene	91-20-3	128.17	0.14	J	0.73		
1,3-Butadiene	106-99-0	54.09	0.5	U	1.11		
4-Ethyltoluene	622-96-8	120.2	0.43	J	2.11		
Hexane	110-54-3	86.17	2.1		7.4		
Allyl Chloride	107-05-1	76.53	0.5	U	1.57		
1,4-Dioxane	123-91-1	88.12	0.5	U	1.8		
Methyl Methacrylate	80-62-6	100.117	0.5	U	2.05		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/26/19

Field Id Number : SV-2DL

Analysis Date : 12/02/19

Laboratory Id Number : K6068-02DL

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	86.8	D	429		
Chloromethane	74-87-3	50.49	5	UD	10.3		
Vinyl Chloride	75-01-4	62.5	0.3	UD	0.77		
Bromomethane	74-83-9	94.94	5	UD	19.4		
Chloroethane	75-00-3	64.52	5	UD	13.2		
Tetrahydrofuran	109-99-9	72.11	5	UD	14.8		
Trichlorofluoromethane	75-69-4	137.4	5	UD	28.1		
Dichlorotetrafluoroethane	76-14-2	170.9	5	UD	35.0		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	5	UD	38.3		
tert-Butyl alcohol	75-65-0	74.12	5.4	D	16.4		
Heptane	142-82-5	100.2	5	UD	20.5		
1,1-Dichloroethene	75-35-4	96.94	5	UD	19.8		
Acetone	67-64-1	58.08	40.9	D	97.2		
Carbon Disulfide	75-15-0	76.14	5	UD	15.6		
Methyl tert-Butyl Ether	1634-04-4	88.15	5	UD	18.0		
Methylene Chloride	75-09-2	84.94	5	UD	17.4		
trans-1,2-Dichloroethene	156-60-5	96.94	6.2	D	24.6		
1,1-Dichloroethane	75-34-3	98.96	5	UD	20.2		
Cyclohexane	110-82-7	84.16	5	UD	17.2		
2-Butanone	78-93-3	72.11	5	UD	14.8		
Carbon Tetrachloride	56-23-5	153.8	0.3	UD	1.89		
cis-1,2-Dichloroethene	156-59-2	96.94	170	ED	674		
Chloroform	67-66-3	119.4	18.4	D	89.9		
1,1,1-Trichloroethane	71-55-6	133.4	87.4	D	476		
2,2,4-Trimethylpentane	540-84-1	114.2	5	UD	23.4		
Benzene	71-43-2	78.11	2.6	JD	8.31		
1,2-Dichloroethane	107-06-2	98.96	5	UD	20.2		
Trichloroethene	79-01-6	131.4	1600	ED	8598		
1,2-Dichloropropane	78-87-5	113	5	UD	23.1		
Bromodichloromethane	75-27-4	163.8	5	UD	33.5		
4-Methyl-2-Pentanone	108-10-1	100.2	5	UD	20.5		
Toluene	108-88-3	92.14	4.8	JD	18.1		
t-1,3-Dichloropropene	10061-02-6	111	5	UD	22.7		
cis-1,3-Dichloropropene	10061-01-5	111	5	UD	22.7		
1,1,2-Trichloroethane	79-00-5	133.4	5	UD	27.3		
Dibromochloromethane	124-48-1	208.3	5	UD	42.6		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/26/19

Field Id Number : SV-2DL

Analysis Date : 12/02/19

Laboratory Id Number : K6068-02DL

Target Analyts : Air Results

1,2-Dibromoethane	106-93-4	187.9	5	UD	38.4		
Tetrachloroethene	127-18-4	165.8	250	ED	1695		
Chlorobenzene	108-90-7	112.6	5	UD	23.0		
Ethyl Benzene	100-41-4	106.2	5	UD	21.7		
m/p-Xylene	179601-23-1	106.2	2.7	JD	11.7		
o-Xylene	95-47-6	106.2	0.99	JD	4.3		
Styrene	100-42-5	104.1	5	UD	21.3		
Bromoform	75-25-2	252.8	5	UD	51.7		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.3	UD	2.06		
2-Chlorotoluene	95-49-8	126.6	5	UD	25.9		
1,3,5-Trimethylbenzene	108-67-8	120.2	5	UD	24.6		
1,2,4-Trimethylbenzene	95-63-6	120.2	5	UD	24.6		
1,3-Dichlorobenzene	541-73-1	147	5	UD	30.1		
1,4-Dichlorobenzene	106-46-7	147	5	UD	30.1		
1,2-Dichlorobenzene	95-50-1	147	5	UD	30.1		
1,2,4-Trichlorobenzene	120-82-1	181.5	5	UD	37.1		
Hexachloro-1,3-Butadiene	87-68-3	260.8	5	UD	53.3		
Naphthalene	91-20-3	128.17	5	UD	26.2		
1,3-Butadiene	106-99-0	54.09	5	UD	11.1		
4-Ethyltoluene	622-96-8	120.2	5	UD	24.6		
Hexane	110-54-3	86.17	5	UD	17.6		
Allyl Chloride	107-05-1	76.53	5	UD	15.6		
1,4-Dioxane	123-91-1	88.12	5	UD	18.0		
Methyl Methacrylate	80-62-6	100.117	5	UD	20.5		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/26/19

Field Id Number : SV-2DL2

Analysis Date : 12/03/19

Laboratory Id Number : K6068-02DL2

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	300	UD	1483		
Chloromethane	74-87-3	50.49	300	UD	619		
Vinyl Chloride	75-01-4	62.5	18	UD	46.0		
Bromomethane	74-83-9	94.94	300	UD	1164		
Chloroethane	75-00-3	64.52	300	UD	791		
Tetrahydrofuran	109-99-9	72.11	300	UD	884		
Trichlorofluoromethane	75-69-4	137.4	300	UD	1685		
Dichlorotetrafluoroethane	76-14-2	170.9	300	UD	2096		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	300	UD	2299		
tert-Butyl alcohol	75-65-0	74.12	300	UD	909		
Heptane	142-82-5	100.2	300	UD	1229		
1,1-Dichloroethene	75-35-4	96.94	300	UD	1189		
Acetone	67-64-1	58.08	300	UD	712		
Carbon Disulfide	75-15-0	76.14	300	UD	934		
Methyl tert-Butyl Ether	1634-04-4	88.15	300	UD	1081		
Methylene Chloride	75-09-2	84.94	300	UD	1042		
trans-1,2-Dichloroethene	156-60-5	96.94	300	UD	1189		
1,1-Dichloroethane	75-34-3	98.96	300	UD	1214		
Cyclohexane	110-82-7	84.16	300	UD	1032		
2-Butanone	78-93-3	72.11	300	UD	884		
Carbon Tetrachloride	56-23-5	153.8	18	UD	113		
cis-1,2-Dichloroethene	156-59-2	96.94	140	JD	555		
Chloroform	67-66-3	119.4	300	UD	1465		
1,1,1-Trichloroethane	71-55-6	133.4	81	D	441		
2,2,4-Trimethylpentane	540-84-1	114.2	300	UD	1401		
Benzene	71-43-2	78.11	300	UD	958		
1,2-Dichloroethane	107-06-2	98.96	300	UD	1214		
Trichloroethene	79-01-6	131.4	5300	D	28483		
1,2-Dichloropropane	78-87-5	113	300	UD	1386		
Bromodichloromethane	75-27-4	163.8	300	UD	2009		
4-Methyl-2-Pentanone	108-10-1	100.2	300	UD	1229		
Toluene	108-88-3	92.14	300	UD	1130		
t-1,3-Dichloropropene	10061-02-6	111	300	UD	1361		
cis-1,3-Dichloropropene	10061-01-5	111	300	UD	1361		
1,1,2-Trichloroethane	79-00-5	133.4	300	UD	1636		
Dibromochloromethane	124-48-1	208.3	300	UD	2555		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/26/19

Field Id Number : SV-2DL2

Analysis Date : 12/03/19

Laboratory Id Number : K6068-02DL2

Target Analyts : Air Results

1,2-Dibromoethane	106-93-4	187.9	300	UD	2305		
Tetrachloroethene	127-18-4	165.8	210	D	1424		
Chlorobenzene	108-90-7	112.6	300	UD	1381		
Ethyl Benzene	100-41-4	106.2	300	UD	1303		
m/p-Xylene	179601-23-1	106.2	600	UD	2606		
o-Xylene	95-47-6	106.2	300	UD	1303		
Styrene	100-42-5	104.1	300	UD	1277		
Bromoform	75-25-2	252.8	300	UD	3101		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	18	UD	123		
2-Chlorotoluene	95-49-8	126.6	300	UD	1553		
1,3,5-Trimethylbenzene	108-67-8	120.2	300	UD	1474		
1,2,4-Trimethylbenzene	95-63-6	120.2	300	UD	1474		
1,3-Dichlorobenzene	541-73-1	147	300	UD	1803		
1,4-Dichlorobenzene	106-46-7	147	300	UD	1803		
1,2-Dichlorobenzene	95-50-1	147	300	UD	1803		
1,2,4-Trichlorobenzene	120-82-1	181.5	300	UD	2226		
Hexachloro-1,3-Butadiene	87-68-3	260.8	300	UD	3200		
Naphthalene	91-20-3	128.17	300	UD	1572		
1,3-Butadiene	106-99-0	54.09	300	UD	663		
4-Ethyltoluene	622-96-8	120.2	300	UD	1474		
Hexane	110-54-3	86.17	300	UD	1057		
Allyl Chloride	107-05-1	76.53	300	UD	939		
1,4-Dioxane	123-91-1	88.12	300	UD	1081		
Methyl Methacrylate	80-62-6	100.117	300	UD	1228		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/26/19

Field Id Number : SV-3

Analysis Date : 12/02/19

Laboratory Id Number : K6068-03

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	3.3		16.3		
Chloromethane	74-87-3	50.49	0.5	U	1.03		
Vinyl Chloride	75-01-4	62.5	0.03	U	0.08		
Bromomethane	74-83-9	94.94	0.5	U	1.94		
Chloroethane	75-00-3	64.52	0.63		1.66		
Tetrahydrofuran	109-99-9	72.11	2.7		7.96		
Trichlorofluoromethane	75-69-4	137.4	0.27	J	1.52		
Dichlorotetrafluoroethane	76-14-2	170.9	0.5	U	3.49		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.5	U	3.83		
tert-Butyl alcohol	75-65-0	74.12	3.8		11.5		
Heptane	142-82-5	100.2	0.53		2.17		
1,1-Dichloroethene	75-35-4	96.94	0.5	U	1.98		
Acetone	67-64-1	58.08	17.5	E	41.6		
Carbon Disulfide	75-15-0	76.14	0.5	U	1.56		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.5	U	1.8		
Methylene Chloride	75-09-2	84.94	3.3		11.5		
trans-1,2-Dichloroethene	156-60-5	96.94	5.1		20.2		
1,1-Dichloroethane	75-34-3	98.96	0.5	U	2.02		
Cyclohexane	110-82-7	84.16	0.53		1.82		
2-Butanone	78-93-3	72.11	2.9		8.55		
Carbon Tetrachloride	56-23-5	153.8	0.09		0.57		
cis-1,2-Dichloroethene	156-59-2	96.94	46.9	E	185		
Chloroform	67-66-3	119.4	14.1		68.9		
1,1,1-Trichloroethane	71-55-6	133.4	15.1	E	82.4		
2,2,4-Trimethylpentane	540-84-1	114.2	0.5	U	2.34		
Benzene	71-43-2	78.11	0.9		2.88		
1,2-Dichloroethane	107-06-2	98.96	0.5	U	2.02		
Trichloroethene	79-01-6	131.4	280	E	1504		
1,2-Dichloropropane	78-87-5	113	0.5	U	2.31		
Bromodichloromethane	75-27-4	163.8	0.5	U	3.35		
4-Methyl-2-Pentanone	108-10-1	100.2	0.45	J	1.84		
Toluene	108-88-3	92.14	5.3		20.0		
t-1,3-Dichloropropene	10061-02-6	111	0.5	U	2.27		
cis-1,3-Dichloropropene	10061-01-5	111	0.5	U	2.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.5	U	2.73		
Dibromochloromethane	124-48-1	208.3	0.5	U	4.26		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/26/19

Field Id Number : SV-3

Analysis Date : 12/02/19

Laboratory Id Number : K6068-03

Target Analyts : Air Results

1,2-Dibromoethane	106-93-4	187.9	0.5	U	3.84		
Tetrachloroethene	127-18-4	165.8	110	E	745		
Chlorobenzene	108-90-7	112.6	0.5	U	2.3		
Ethyl Benzene	100-41-4	106.2	0.81		3.52		
m/p-Xylene	179601-23-1	106.2	2.7		11.7		
o-Xylene	95-47-6	106.2	1		4.34		
Styrene	100-42-5	104.1	0.5	U	2.13		
Bromoform	75-25-2	252.8	0.5	U	5.17		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.03	U	0.21		
2-Chlorotoluene	95-49-8	126.6	0.5	U	2.59		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.27	J	1.33		
1,2,4-Trimethylbenzene	95-63-6	120.2	1.1		5.41		
1,3-Dichlorobenzene	541-73-1	147	0.5	U	3.01		
1,4-Dichlorobenzene	106-46-7	147	0.5	U	3.01		
1,2-Dichlorobenzene	95-50-1	147	0.5	U	3.01		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.5	U	3.71		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.5	U	5.33		
1,3-Butadiene	106-99-0	54.09	0.5	U	1.11		
Naphthalene	91-20-3	128.17	0.13	J	0.68		
4-Ethyltoluene	622-96-8	120.2	0.34	J	1.67		
Hexane	110-54-3	86.17	1.5		5.29		
Allyl Chloride	107-05-1	76.53	0.5	U	1.57		
1,4-Dioxane	123-91-1	88.12	0.5	U	1.8		
Methyl Methacrylate	80-62-6	100.117	0.5	U	2.05		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/26/19

Field Id Number : SV-3DL

Analysis Date : 12/02/19

Laboratory Id Number : K6068-03DL

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	4.2	JD	20.8		
Chloromethane	74-87-3	50.49	5	UD	10.3		
Vinyl Chloride	75-01-4	62.5	0.3	UD	0.77		
Bromomethane	74-83-9	94.94	5	UD	19.4		
Chloroethane	75-00-3	64.52	5	UD	13.2		
Tetrahydrofuran	109-99-9	72.11	5	UD	14.8		
Trichlorofluoromethane	75-69-4	137.4	5	UD	28.1		
Dichlorotetrafluoroethane	76-14-2	170.9	5	UD	35.0		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	5	UD	38.3		
tert-Butyl alcohol	75-65-0	74.12	5.1	D	15.5		
Heptane	142-82-5	100.2	5	UD	20.5		
1,1-Dichloroethene	75-35-4	96.94	5	UD	19.8		
Acetone	67-64-1	58.08	20.5	D	48.7		
Carbon Disulfide	75-15-0	76.14	5	UD	15.6		
Methyl tert-Butyl Ether	1634-04-4	88.15	5	UD	18.0		
Methylene Chloride	75-09-2	84.94	5	UD	17.4		
trans-1,2-Dichloroethene	156-60-5	96.94	4.8	JD	19.0		
1,1-Dichloroethane	75-34-3	98.96	5	UD	20.2		
Cyclohexane	110-82-7	84.16	5	UD	17.2		
2-Butanone	78-93-3	72.11	5	UD	14.8		
Carbon Tetrachloride	56-23-5	153.8	0.3	UD	1.89		
cis-1,2-Dichloroethene	156-59-2	96.94	62.1	D	246		
Chloroform	67-66-3	119.4	15.2	D	74.2		
1,1,1-Trichloroethane	71-55-6	133.4	15.1	D	82.4		
2,2,4-Trimethylpentane	540-84-1	114.2	5	UD	23.4		
Benzene	71-43-2	78.11	5	UD	16.0		
1,2-Dichloroethane	107-06-2	98.96	5	UD	20.2		
Trichloroethene	79-01-6	131.4	890	ED	4783		
1,2-Dichloropropane	78-87-5	113	5	UD	23.1		
Bromodichloromethane	75-27-4	163.8	5	UD	33.5		
4-Methyl-2-Pentanone	108-10-1	100.2	5	UD	20.5		
Toluene	108-88-3	92.14	4.6	JD	17.3		
t-1,3-Dichloropropene	10061-02-6	111	5	UD	22.7		
cis-1,3-Dichloropropene	10061-01-5	111	5	UD	22.7		
1,1,2-Trichloroethane	79-00-5	133.4	5	UD	27.3		
Dibromochloromethane	124-48-1	208.3	5	UD	42.6		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/26/19

Field Id Number : SV-3DL

Analysis Date : 12/02/19

Laboratory Id Number : K6068-03DL

Target Analyts : Air Results

1,2-Dibromoethane	106-93-4	187.9	5	UD	38.4		
Tetrachloroethene	127-18-4	165.8	170	ED	1152		
Chlorobenzene	108-90-7	112.6	5	UD	23.0		
Ethyl Benzene	100-41-4	106.2	5	UD	21.7		
m/p-Xylene	179601-23-1	106.2	2.1	JD	9.12		
o-Xylene	95-47-6	106.2	5	UD	21.7		
Styrene	100-42-5	104.1	5	UD	21.3		
Bromoform	75-25-2	252.8	5	UD	51.7		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.3	UD	2.06		
2-Chlorotoluene	95-49-8	126.6	5	UD	25.9		
1,3,5-Trimethylbenzene	108-67-8	120.2	5	UD	24.6		
1,2,4-Trimethylbenzene	95-63-6	120.2	5	UD	24.6		
1,3-Dichlorobenzene	541-73-1	147	5	UD	30.1		
1,4-Dichlorobenzene	106-46-7	147	5	UD	30.1		
1,2-Dichlorobenzene	95-50-1	147	5	UD	30.1		
1,2,4-Trichlorobenzene	120-82-1	181.5	5	UD	37.1		
Hexachloro-1,3-Butadiene	87-68-3	260.8	5	UD	53.3		
Naphthalene	91-20-3	128.17	5	UD	26.2		
1,3-Butadiene	106-99-0	54.09	5	UD	11.1		
4-Ethyltoluene	622-96-8	120.2	5	UD	24.6		
Hexane	110-54-3	86.17	5	UD	17.6		
Allyl Chloride	107-05-1	76.53	5	UD	15.6		
1,4-Dioxane	123-91-1	88.12	5	UD	18.0		
Methyl Methacrylate	80-62-6	100.117	5	UD	20.5		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/26/19

Field Id Number : SV-3DL2

Analysis Date : 12/03/19

Laboratory Id Number : K6068-03DL2

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	100	UD	494		
Chloromethane	74-87-3	50.49	100	UD	206		
Vinyl Chloride	75-01-4	62.5	6	UD	15.3		
Bromomethane	74-83-9	94.94	100	UD	388		
Chloroethane	75-00-3	64.52	100	UD	263		
Tetrahydrofuran	109-99-9	72.11	100	UD	294		
Trichlorofluoromethane	75-69-4	137.4	100	UD	561		
Dichlorotetrafluoroethane	76-14-2	170.9	100	UD	698		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	100	UD	766		
tert-Butyl alcohol	75-65-0	74.12	100	UD	303		
Heptane	142-82-5	100.2	100	UD	409		
1,1-Dichloroethene	75-35-4	96.94	100	UD	396		
Acetone	67-64-1	58.08	100	UD	237		
Carbon Disulfide	75-15-0	76.14	100	UD	311		
Methyl tert-Butyl Ether	1634-04-4	88.15	100	UD	360		
Methylene Chloride	75-09-2	84.94	100	UD	347		
trans-1,2-Dichloroethene	156-60-5	96.94	100	UD	396		
1,1-Dichloroethane	75-34-3	98.96	100	UD	404		
Cyclohexane	110-82-7	84.16	100	UD	344		
2-Butanone	78-93-3	72.11	100	UD	294		
Carbon Tetrachloride	56-23-5	153.8	6	UD	37.7		
cis-1,2-Dichloroethene	156-59-2	96.94	44	JD	174		
Chloroform	67-66-3	119.4	100	UD	488		
1,1,1-Trichloroethane	71-55-6	133.4	6	UD	32.7		
2,2,4-Trimethylpentane	540-84-1	114.2	100	UD	467		
Benzene	71-43-2	78.11	100	UD	319		
1,2-Dichloroethane	107-06-2	98.96	100	UD	404		
Trichloroethene	79-01-6	131.4	1100	D	5911		
1,2-Dichloropropane	78-87-5	113	100	UD	462		
Bromodichloromethane	75-27-4	163.8	100	UD	669		
4-Methyl-2-Pentanone	108-10-1	100.2	100	UD	409		
Toluene	108-88-3	92.14	100	UD	376		
t-1,3-Dichloropropene	10061-02-6	111	100	UD	453		
cis-1,3-Dichloropropene	10061-01-5	111	100	UD	453		
1,1,2-Trichloroethane	79-00-5	133.4	100	UD	545		
Dibromochloromethane	124-48-1	208.3	100	UD	851		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/26/19

Field Id Number : SV-3DL2

Analysis Date : 12/03/19

Laboratory Id Number : K6068-03DL2

Target Analyts : Air Results

1,2-Dibromoethane	106-93-4	187.9	100	UD	768		
Tetrachloroethene	127-18-4	165.8	130	D	881		
Chlorobenzene	108-90-7	112.6	100	UD	460		
Ethyl Benzene	100-41-4	106.2	100	UD	434		
m/p-Xylene	179601-23-1	106.2	200	UD	868		
o-Xylene	95-47-6	106.2	100	UD	434		
Styrene	100-42-5	104.1	100	UD	425		
Bromoform	75-25-2	252.8	100	UD	1033		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	6	UD	41.2		
2-Chlorotoluene	95-49-8	126.6	100	UD	517		
1,3,5-Trimethylbenzene	108-67-8	120.2	100	UD	491		
1,2,4-Trimethylbenzene	95-63-6	120.2	100	UD	491		
1,3-Dichlorobenzene	541-73-1	147	100	UD	601		
1,4-Dichlorobenzene	106-46-7	147	100	UD	601		
1,2-Dichlorobenzene	95-50-1	147	100	UD	601		
1,2,4-Trichlorobenzene	120-82-1	181.5	100	UD	742		
Hexachloro-1,3-Butadiene	87-68-3	260.8	100	UD	1066		
Naphthalene	91-20-3	128.17	100	UD	524		
1,3-Butadiene	106-99-0	54.09	100	UD	221		
4-Ethyltoluene	622-96-8	120.2	100	UD	491		
Hexane	110-54-3	86.17	100	UD	352		
Allyl Chloride	107-05-1	76.53	100	UD	313		
1,4-Dioxane	123-91-1	88.12	100	UD	360		
Methyl Methacrylate	80-62-6	100.117	100	UD	409		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/26/19

Field Id Number : SV-4

Analysis Date : 12/02/19

Laboratory Id Number : K6068-04

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.64		3.16		
Chloromethane	74-87-3	50.49	0.41	J	0.85		
Vinyl Chloride	75-01-4	62.5	0.03	U	0.08		
Bromomethane	74-83-9	94.94	0.5	U	1.94		
Chloroethane	75-00-3	64.52	0.5	U	1.32		
Tetrahydrofuran	109-99-9	72.11	0.5	U	1.47		
Trichlorofluoromethane	75-69-4	137.4	0.24	J	1.35		
Dichlorotetrafluoroethane	76-14-2	170.9	0.5	U	3.49		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.5	U	3.83		
tert-Butyl alcohol	75-65-0	74.12	1.8		5.46		
Heptane	142-82-5	100.2	0.52		2.13		
1,1-Dichloroethene	75-35-4	96.94	0.5	U	1.98		
Acetone	67-64-1	58.08	47.2	E	112		
Carbon Disulfide	75-15-0	76.14	1.7		5.29		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.5	U	1.8		
Methylene Chloride	75-09-2	84.94	1.1		3.82		
trans-1,2-Dichloroethene	156-60-5	96.94	0.41	J	1.63		
1,1-Dichloroethane	75-34-3	98.96	0.5	U	2.02		
Cyclohexane	110-82-7	84.16	0.47	J	1.62		
2-Butanone	78-93-3	72.11	2.8		8.26		
Carbon Tetrachloride	56-23-5	153.8	0.07		0.44		
cis-1,2-Dichloroethene	156-59-2	96.94	15.1	E	59.9		
Chloroform	67-66-3	119.4	1.7		8.3		
1,1,1-Trichloroethane	71-55-6	133.4	4.5		24.6		
2,2,4-Trimethylpentane	540-84-1	114.2	0.5	U	2.34		
Benzene	71-43-2	78.11	1.7		5.43		
1,2-Dichloroethane	107-06-2	98.96	0.5	U	2.02		
Trichloroethene	79-01-6	131.4	230	E	1236		
1,2-Dichloropropane	78-87-5	113	0.5	U	2.31		
Bromodichloromethane	75-27-4	163.8	0.5	U	3.35		
4-Methyl-2-Pentanone	108-10-1	100.2	0.23	J	0.94		
Toluene	108-88-3	92.14	2.7		10.2		
t-1,3-Dichloropropene	10061-02-6	111	0.5	U	2.27		
cis-1,3-Dichloropropene	10061-01-5	111	0.5	U	2.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.5	U	2.73		
Dibromochloromethane	124-48-1	208.3	0.5	U	4.26		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/26/19

Field Id Number : SV-4

Analysis Date : 12/02/19

Laboratory Id Number : K6068-04

Target Analyts : Air Results

1,2-Dibromoethane	106-93-4	187.9	0.5	U	3.84		
Tetrachloroethene	127-18-4	165.8	170	E	1152		
Chlorobenzene	108-90-7	112.6	0.5	U	2.3		
Ethyl Benzene	100-41-4	106.2	0.41	J	1.78		
m/p-Xylene	179601-23-1	106.2	1.6		6.95		
o-Xylene	95-47-6	106.2	0.57		2.48		
Styrene	100-42-5	104.1	0.5	U	2.13		
Bromoform	75-25-2	252.8	0.5	U	5.17		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.03	U	0.21		
2-Chlorotoluene	95-49-8	126.6	0.5	U	2.59		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.15	J	0.74		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.61		3		
1,3-Dichlorobenzene	541-73-1	147	0.5	U	3.01		
1,4-Dichlorobenzene	106-46-7	147	0.5	U	3.01		
1,2-Dichlorobenzene	95-50-1	147	0.5	U	3.01		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.5	U	3.71		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.5	U	5.33		
Naphthalene	91-20-3	128.17	0.5	U	2.62		
1,3-Butadiene	106-99-0	54.09	0.5	U	1.11		
4-Ethyltoluene	622-96-8	120.2	0.22	J	1.08		
Hexane	110-54-3	86.17	1.2		4.23		
Allyl Chloride	107-05-1	76.53	0.5	U	1.57		
1,4-Dioxane	123-91-1	88.12	0.5	U	1.8		
Methyl Methacrylate	80-62-6	100.117	0.5	U	2.05		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/26/19

Field Id Number : SV-4DL

Analysis Date : 12/02/19

Laboratory Id Number : K6068-04DL

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	5	UD	24.7		
Chloromethane	74-87-3	50.49	5	UD	10.3		
Vinyl Chloride	75-01-4	62.5	0.3	UD	0.77		
Bromomethane	74-83-9	94.94	5	UD	19.4		
Chloroethane	75-00-3	64.52	5	UD	13.2		
Tetrahydrofuran	109-99-9	72.11	5	UD	14.8		
Trichlorofluoromethane	75-69-4	137.4	5	UD	28.1		
Dichlorotetrafluoroethane	76-14-2	170.9	5	UD	35.0		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	5	UD	38.3		
tert-Butyl alcohol	75-65-0	74.12	5	UD	15.2		
Heptane	142-82-5	100.2	5	UD	20.5		
1,1-Dichloroethene	75-35-4	96.94	5	UD	19.8		
Acetone	67-64-1	58.08	73.6	D	174		
Carbon Disulfide	75-15-0	76.14	5	UD	15.6		
Methyl tert-Butyl Ether	1634-04-4	88.15	5	UD	18.0		
Methylene Chloride	75-09-2	84.94	5	UD	17.4		
trans-1,2-Dichloroethene	156-60-5	96.94	5	UD	19.8		
1,1-Dichloroethane	75-34-3	98.96	5	UD	20.2		
Cyclohexane	110-82-7	84.16	5	UD	17.2		
2-Butanone	78-93-3	72.11	5	UD	14.8		
Carbon Tetrachloride	56-23-5	153.8	0.3	UD	1.89		
cis-1,2-Dichloroethene	156-59-2	96.94	15	D	59.5		
Chloroform	67-66-3	119.4	1.6	JD	7.81		
1,1,1-Trichloroethane	71-55-6	133.4	4.3	D	23.5		
2,2,4-Trimethylpentane	540-84-1	114.2	5	UD	23.4		
Benzene	71-43-2	78.11	5	UD	16.0		
1,2-Dichloroethane	107-06-2	98.96	5	UD	20.2		
Trichloroethene	79-01-6	131.4	720	ED	3869		
1,2-Dichloropropane	78-87-5	113	5	UD	23.1		
Bromodichloromethane	75-27-4	163.8	5	UD	33.5		
4-Methyl-2-Pentanone	108-10-1	100.2	5	UD	20.5		
Toluene	108-88-3	92.14	2.3	JD	8.67		
t-1,3-Dichloropropene	10061-02-6	111	5	UD	22.7		
cis-1,3-Dichloropropene	10061-01-5	111	5	UD	22.7		
1,1,2-Trichloroethane	79-00-5	133.4	5	UD	27.3		
Dibromochloromethane	124-48-1	208.3	5	UD	42.6		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/26/19

Field Id Number : SV-4DL

Analysis Date : 12/02/19

Laboratory Id Number : K6068-04DL

Target Analyts : Air Results

1,2-Dibromoethane	106-93-4	187.9	5	UD	38.4		
Tetrachloroethene	127-18-4	165.8	360	ED	2441		
Chlorobenzene	108-90-7	112.6	5	UD	23.0		
Ethyl Benzene	100-41-4	106.2	5	UD	21.7		
m/p-Xylene	179601-23-1	106.2	10	UD	43.4		
o-Xylene	95-47-6	106.2	5	UD	21.7		
Styrene	100-42-5	104.1	5	UD	21.3		
Bromoform	75-25-2	252.8	5	UD	51.7		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.3	UD	2.06		
2-Chlorotoluene	95-49-8	126.6	5	UD	25.9		
1,3,5-Trimethylbenzene	108-67-8	120.2	5	UD	24.6		
1,2,4-Trimethylbenzene	95-63-6	120.2	5	UD	24.6		
1,3-Dichlorobenzene	541-73-1	147	5	UD	30.1		
1,4-Dichlorobenzene	106-46-7	147	5	UD	30.1		
1,2-Dichlorobenzene	95-50-1	147	5	UD	30.1		
1,2,4-Trichlorobenzene	120-82-1	181.5	5	UD	37.1		
Hexachloro-1,3-Butadiene	87-68-3	260.8	5	UD	53.3		
Naphthalene	91-20-3	128.17	5	UD	26.2		
1,3-Butadiene	106-99-0	54.09	5	UD	11.1		
4-Ethyltoluene	622-96-8	120.2	5	UD	24.6		
Hexane	110-54-3	86.17	5	UD	17.6		
Allyl Chloride	107-05-1	76.53	5	UD	15.6		
1,4-Dioxane	123-91-1	88.12	5	UD	18.0		
Methyl Methacrylate	80-62-6	100.117	5	UD	20.5		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/26/19

Field Id Number : SV-4DL2

Analysis Date : 12/03/19

Laboratory Id Number : K6068-04DL2

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	50	UD	247		
Chloromethane	74-87-3	50.49	50	UD	103		
Vinyl Chloride	75-01-4	62.5	3	UD	7.67		
Bromomethane	74-83-9	94.94	50	UD	194		
Chloroethane	75-00-3	64.52	50	UD	131		
Tetrahydrofuran	109-99-9	72.11	50	UD	147		
Trichlorofluoromethane	75-69-4	137.4	50	UD	280		
Dichlorotetrafluoroethane	76-14-2	170.9	50	UD	349		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	50	UD	383		
tert-Butyl alcohol	75-65-0	74.12	50	UD	151		
Heptane	142-82-5	100.2	50	UD	204		
1,1-Dichloroethene	75-35-4	96.94	50	UD	198		
Acetone	67-64-1	58.08	50	UD	118		
Carbon Disulfide	75-15-0	76.14	50	UD	155		
Methyl tert-Butyl Ether	1634-04-4	88.15	50	UD	180		
Methylene Chloride	75-09-2	84.94	50	UD	173		
trans-1,2-Dichloroethene	156-60-5	96.94	50	UD	198		
1,1-Dichloroethane	75-34-3	98.96	50	UD	202		
Cyclohexane	110-82-7	84.16	50	UD	172		
2-Butanone	78-93-3	72.11	50	UD	147		
Carbon Tetrachloride	56-23-5	153.8	3	UD	18.9		
cis-1,2-Dichloroethene	156-59-2	96.94	50	UD	198		
Chloroform	67-66-3	119.4	50	UD	244		
1,1,1-Trichloroethane	71-55-6	133.4	3	UD	16.4		
2,2,4-Trimethylpentane	540-84-1	114.2	50	UD	233		
Benzene	71-43-2	78.11	50	UD	159		
1,2-Dichloroethane	107-06-2	98.96	50	UD	202		
Trichloroethene	79-01-6	131.4	680	D	3654		
1,2-Dichloropropane	78-87-5	113	50	UD	231		
Bromodichloromethane	75-27-4	163.8	50	UD	334		
4-Methyl-2-Pentanone	108-10-1	100.2	50	UD	204		
Toluene	108-88-3	92.14	50	UD	188		
t-1,3-Dichloropropene	10061-02-6	111	50	UD	226		
cis-1,3-Dichloropropene	10061-01-5	111	50	UD	226		
1,1,2-Trichloroethane	79-00-5	133.4	50	UD	272		
Dibromochloromethane	124-48-1	208.3	50	UD	425		

Project : 101-21 101st Street, Ozone Park, NY

Sampling Date : 11/26/19

Field Id Number : SV-4DL2

Analysis Date : 12/03/19

Laboratory Id Number : K6068-04DL2

Target Analyts : Air Results

1,2-Dibromoethane	106-93-4	187.9	50	UD	384		
Tetrachloroethene	127-18-4	165.8	260	D	1763		
Chlorobenzene	108-90-7	112.6	50	UD	230		
Ethyl Benzene	100-41-4	106.2	50	UD	217		
m/p-Xylene	179601-23-1	106.2	100	UD	434		
o-Xylene	95-47-6	106.2	50	UD	217		
Styrene	100-42-5	104.1	50	UD	212		
Bromoform	75-25-2	252.8	50	UD	516		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	3	UD	20.6		
2-Chlorotoluene	95-49-8	126.6	50	UD	258		
1,3,5-Trimethylbenzene	108-67-8	120.2	50	UD	245		
1,2,4-Trimethylbenzene	95-63-6	120.2	50	UD	245		
1,3-Dichlorobenzene	541-73-1	147	50	UD	300		
1,4-Dichlorobenzene	106-46-7	147	50	UD	300		
1,2-Dichlorobenzene	95-50-1	147	50	UD	300		
1,2,4-Trichlorobenzene	120-82-1	181.5	50	UD	371		
Hexachloro-1,3-Butadiene	87-68-3	260.8	50	UD	533		
Naphthalene	91-20-3	128.17	50	UD	262		
1,3-Butadiene	106-99-0	54.09	50	UD	110		
4-Ethyltoluene	622-96-8	120.2	50	UD	245		
Hexane	110-54-3	86.17	50	UD	176		
Allyl Chloride	107-05-1	76.53	50	UD	156		
1,4-Dioxane	123-91-1	88.12	50	UD	180		
Methyl Methacrylate	80-62-6	100.117	50	UD	204		

SAMPLE DATA

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/25/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-1	SDG No.:	K6068
Lab Sample ID:	K6068-01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034424.D	1		12/02/19 13:42	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.47	2.32	J	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.50	1.03	U	0.080	1.03	ug/m3
75-01-4	Vinyl Chloride	0.070	0.18		0.050	0.080	ug/m3
74-83-9	Bromomethane	0.50	1.94	U	0.16	1.94	ug/m3
75-00-3	Chloroethane	0.50	1.32	U	0.11	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.69	2.04		0.12	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.24	1.35	J	0.28	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	3.83	U	0.38	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.50	3.49	U	0.21	3.49	ug/m3
75-65-0	tert-Butyl alcohol	5.80	17.6		0.33	1.52	ug/m3
142-82-5	Heptane	2.80	11.5		0.16	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.50	1.98	U	0.20	1.98	ug/m3
67-64-1	Acetone	28.5	67.7	EB	0.14	1.19	ug/m3
75-15-0	Carbon Disulfide	0.86	2.68		0.19	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.50	1.80	U	0.14	1.80	ug/m3
75-09-2	Methylene Chloride	4.60	16.0	B	0.42	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	1.20	4.76		0.24	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.50	2.02	U	0.16	2.02	ug/m3
110-82-7	Cyclohexane	1.60	5.51		0.34	1.72	ug/m3
78-93-3	2-Butanone	3.50	10.3		0.12	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.090	0.57		0.13	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	5.40	21.4		0.20	1.98	ug/m3
67-66-3	Chloroform	2.30	11.2		0.10	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	3.10	16.9		0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	1.20	5.60		0.14	2.34	ug/m3
71-43-2	Benzene	3.10	9.90		0.13	1.60	ug/m3
107-06-2	1,2-Dichloroethane	0.50	2.02	U	0.12	2.02	ug/m3
79-01-6	Trichloroethene	90.1	484	E	0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.50	2.31	U	0.14	2.31	ug/m3
75-27-4	Bromodichloromethane	0.50	3.35	U	0.27	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.50	2.05	U	0.040	2.05	ug/m3
108-88-3	Toluene	12.4	46.7		0.11	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.50	2.27	U	0.14	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.50	2.27	U	0.14	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.50	2.73	U	0.22	2.73	ug/m3
124-48-1	Dibromochloromethane	0.50	4.26	U	0.34	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.50	3.84	U	0.31	3.84	ug/m3
127-18-4	Tetrachloroethene	3.90	26.4		0.070	0.20	ug/m3

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/25/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-1	SDG No.:	K6068
Lab Sample ID:	K6068-01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034424.D	1		12/02/19 13:42	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.50	2.30	U	0.090	2.30	ug/m3
100-41-4	Ethyl Benzene	1.40	6.08		0.17	2.17	ug/m3
179601-23-1	m/p-Xylene	4.60	20.0		0.43	4.34	ug/m3
95-47-6	o-Xylene	1.60	6.95		0.22	2.17	ug/m3
100-42-5	Styrene	0.50	2.13	U	0.17	2.13	ug/m3
75-25-2	Bromoform	0.50	5.17	U	0.41	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.030	0.21	U	0.14	0.21	ug/m3
95-49-8	2-Chlorotoluene	0.50	2.59	U	0.21	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.26	1.28	J	0.20	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.91	4.47		0.25	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.50	3.01	U	0.18	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.50	3.01	U	0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.50	3.01	U	0.18	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.50	3.71	U	0.52	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.17	1.81	J	0.75	5.33	ug/m3
106-99-0	1,3-Butadiene	0.50	1.11	U	0.090	1.11	ug/m3
91-20-3	Naphthalene	0.10	0.52	J	0.26	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.33	1.62	J	0.20	2.46	ug/m3
110-54-3	Hexane	5.30	18.7		0.11	1.76	ug/m3
107-05-1	Allyl Chloride	0.50	1.57	U	0.16	1.57	ug/m3
123-91-1	1,4-Dioxane	0.50	1.80	U	0.43	1.80	ug/m3
80-62-6	Methyl Methacrylate	0.50	2.05	U	0.080	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.60			65 - 135	96%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	1070000		5.69			
540-36-3	1,4-Difluorobenzene	2140000		7.22			
3114-55-4	Chlorobenzene-d5	2250000		12.15			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/25/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-1DL	SDG No.:	K6068
Lab Sample ID:	K6068-01DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034425.D	10		12/02/19 14:20	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	5.00	24.7	UD	4.94	24.7	ug/m3
74-87-3	Chloromethane	5.00	10.3	UD	0.78	10.3	ug/m3
75-01-4	Vinyl Chloride	0.30	0.77	UD	0.61	0.77	ug/m3
74-83-9	Bromomethane	5.00	19.4	UD	1.36	19.4	ug/m3
75-00-3	Chloroethane	5.00	13.2	UD	1.13	13.2	ug/m3
109-99-9	Tetrahydrofuran	5.00	14.8	UD	1.09	14.8	ug/m3
75-69-4	Trichlorofluoromethane	5.00	28.1	UD	2.70	28.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	38.3	UD	4.22	38.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	5.00	35.0	UD	2.38	35.0	ug/m3
75-65-0	tert-Butyl alcohol	7.30	22.1	D	3.33	15.2	ug/m3
142-82-5	Heptane	5.00	20.5	UD	1.56	20.5	ug/m3
75-35-4	1,1-Dichloroethene	5.00	19.8	UD	2.06	19.8	ug/m3
67-64-1	Acetone	37.3	88.6	DB	1.40	11.9	ug/m3
75-15-0	Carbon Disulfide	5.00	15.6	UD	1.96	15.6	ug/m3
1634-04-4	Methyl tert-Butyl Ether	5.00	18.0	UD	1.59	18.0	ug/m3
75-09-2	Methylene Chloride	5.00	17.4	UD	4.17	17.4	ug/m3
156-60-5	trans-1,2-Dichloroethene	5.00	19.8	UD	2.18	19.8	ug/m3
75-34-3	1,1-Dichloroethane	5.00	20.2	UD	1.74	20.2	ug/m3
110-82-7	Cyclohexane	5.00	17.2	UD	3.44	17.2	ug/m3
78-93-3	2-Butanone	5.00	14.8	UD	1.15	14.8	ug/m3
56-23-5	Carbon Tetrachloride	0.30	1.89	UD	1.20	1.89	ug/m3
156-59-2	cis-1,2-Dichloroethene	5.30	21.0	D	1.94	19.8	ug/m3
67-66-3	Chloroform	5.00	24.4	UD	0.83	24.4	ug/m3
71-55-6	1,1,1-Trichloroethane	3.00	16.4	D	0.76	1.64	ug/m3
540-84-1	2,2,4-Trimethylpentane	5.00	23.4	UD	1.59	23.4	ug/m3
71-43-2	Benzene	5.00	16.0	UD	1.25	16.0	ug/m3
107-06-2	1,2-Dichloroethane	5.00	20.2	UD	1.34	20.2	ug/m3
79-01-6	Trichloroethene	150	806	ED	0.86	1.61	ug/m3
78-87-5	1,2-Dichloropropane	5.00	23.1	UD	1.48	23.1	ug/m3
75-27-4	Bromodichloromethane	5.00	33.5	UD	2.41	33.5	ug/m3
108-10-1	4-Methyl-2-Pentanone	5.00	20.5	UD	0.57	20.5	ug/m3
108-88-3	Toluene	12.6	47.5	D	1.32	18.8	ug/m3
10061-02-6	t-1,3-Dichloropropene	5.00	22.7	UD	1.32	22.7	ug/m3
10061-01-5	cis-1,3-Dichloropropene	5.00	22.7	UD	1.45	22.7	ug/m3
79-00-5	1,1,2-Trichloroethane	5.00	27.3	UD	2.02	27.3	ug/m3
124-48-1	Dibromochloromethane	5.00	42.6	UD	3.24	42.6	ug/m3
106-93-4	1,2-Dibromoethane	5.00	38.4	UD	3.30	38.4	ug/m3
127-18-4	Tetrachloroethene	4.10	27.8	D	0.54	2.03	ug/m3

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/25/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-1DL	SDG No.:	K6068
Lab Sample ID:	K6068-01DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034425.D	10		12/02/19 14:20	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	5.00	23.0	UD	0.92	23.0	ug/m3
100-41-4	Ethyl Benzene	5.00	21.7	UD	1.91	21.7	ug/m3
179601-23-1	m/p-Xylene	4.00	17.4	JD	4.17	43.4	ug/m3
95-47-6	o-Xylene	5.00	21.7	UD	2.00	21.7	ug/m3
100-42-5	Styrene	5.00	21.3	UD	1.58	21.3	ug/m3
75-25-2	Bromoform	5.00	51.7	UD	4.55	51.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.30	2.06	UD	1.03	2.06	ug/m3
95-49-8	2-Chlorotoluene	5.00	25.9	UD	2.17	25.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	5.00	24.6	UD	2.16	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	5.00	24.6	UD	2.36	24.6	ug/m3
541-73-1	1,3-Dichlorobenzene	5.00	30.1	UD	1.56	30.1	ug/m3
106-46-7	1,4-Dichlorobenzene	5.00	30.1	UD	2.77	30.1	ug/m3
95-50-1	1,2-Dichlorobenzene	5.00	30.1	UD	1.92	30.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	5.00	37.1	UD	5.42	37.1	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	5.00	53.3	UD	8.00	53.3	ug/m3
106-99-0	1,3-Butadiene	5.00	11.1	UD	0.95	11.1	ug/m3
91-20-3	Naphthalene	5.00	26.2	UD	2.73	26.2	ug/m3
622-96-8	4-Ethyltoluene	5.00	24.6	UD	1.82	24.6	ug/m3
110-54-3	Hexane	6.30	22.2	D	1.16	17.6	ug/m3
107-05-1	Allyl Chloride	5.00	15.7	UD	1.60	15.7	ug/m3
123-91-1	1,4-Dioxane	5.00	18.0	UD	4.32	18.0	ug/m3
80-62-6	Methyl Methacrylate	5.00	20.5	UD	0.82	20.5	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.90			65 - 135	99%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	1020000		5.69			
540-36-3	1,4-Difluorobenzene	2080000		7.21			
3114-55-4	Chlorobenzene-d5	2050000		12.15			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/25/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-1DL2	SDG No.:	K6068
Lab Sample ID:	K6068-01DL2	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034438.D	40		12/02/19 22:38	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	20.0	98.9	UD	19.8	98.9	ug/m3
74-87-3	Chloromethane	20.0	41.3	UD	3.10	41.3	ug/m3
75-01-4	Vinyl Chloride	1.20	3.07	UD	2.48	3.07	ug/m3
74-83-9	Bromomethane	20.0	77.7	UD	5.44	77.7	ug/m3
75-00-3	Chloroethane	20.0	52.8	UD	4.49	52.8	ug/m3
109-99-9	Tetrahydrofuran	20.0	59.0	UD	4.42	59.0	ug/m3
75-69-4	Trichlorofluoromethane	20.0	112	UD	10.7	112	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	20.0	153	UD	16.9	153	ug/m3
76-14-2	Dichlorotetrafluoroethane	20.0	140	UD	9.09	140	ug/m3
75-65-0	tert-Butyl alcohol	20.0	60.6	UD	13.6	60.6	ug/m3
142-82-5	Heptane	20.0	82.0	UD	6.15	82.0	ug/m3
75-35-4	1,1-Dichloroethene	20.0	79.3	UD	8.33	79.3	ug/m3
67-64-1	Acetone	47.6	113	DB	5.70	47.5	ug/m3
75-15-0	Carbon Disulfide	20.0	62.3	UD	7.79	62.3	ug/m3
1634-04-4	Methyl tert-Butyl Ether	20.0	72.1	UD	6.49	72.1	ug/m3
75-09-2	Methylene Chloride	20.0	69.5	UD	17.0	69.5	ug/m3
156-60-5	trans-1,2-Dichloroethene	20.0	79.3	UD	8.72	79.3	ug/m3
75-34-3	1,1-Dichloroethane	20.0	81.0	UD	6.88	81.0	ug/m3
110-82-7	Cyclohexane	20.0	68.8	UD	13.8	68.8	ug/m3
78-93-3	2-Butanone	20.0	59.0	UD	4.72	59.0	ug/m3
56-23-5	Carbon Tetrachloride	1.20	7.55	UD	4.78	7.55	ug/m3
156-59-2	cis-1,2-Dichloroethene	20.0	79.3	UD	7.93	79.3	ug/m3
67-66-3	Chloroform	20.0	97.7	UD	3.27	97.7	ug/m3
71-55-6	1,1,1-Trichloroethane	1.20	6.55	UD	3.00	6.55	ug/m3
540-84-1	2,2,4-Trimethylpentane	20.0	93.4	UD	6.54	93.4	ug/m3
71-43-2	Benzene	20.0	63.9	UD	5.11	63.9	ug/m3
107-06-2	1,2-Dichloroethane	20.0	81.0	UD	5.26	81.0	ug/m3
79-01-6	Trichloroethene	170	914	D	3.55	6.45	ug/m3
78-87-5	1,2-Dichloropropane	20.0	92.4	UD	6.01	92.4	ug/m3
75-27-4	Bromodichloromethane	20.0	134	UD	9.38	134	ug/m3
108-10-1	4-Methyl-2-Pentanone	20.0	82.0	UD	2.25	82.0	ug/m3
108-88-3	Toluene	20.0	75.4	UD	5.28	75.4	ug/m3
10061-02-6	t-1,3-Dichloropropene	20.0	90.8	UD	5.45	90.8	ug/m3
10061-01-5	cis-1,3-Dichloropropene	20.0	90.8	UD	5.90	90.8	ug/m3
79-00-5	1,1,2-Trichloroethane	20.0	109	UD	8.18	109	ug/m3
124-48-1	Dibromochloromethane	20.0	170	UD	12.8	170	ug/m3
106-93-4	1,2-Dibromoethane	20.0	154	UD	13.1	154	ug/m3
127-18-4	Tetrachloroethene	1.20	8.14	UD	2.10	8.14	ug/m3

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/25/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-1DL2	SDG No.:	K6068
Lab Sample ID:	K6068-01DL2	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034438.D	40		12/02/19 22:38	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	20.0	92.1	UD	3.59	92.1	ug/m3
100-41-4	Ethyl Benzene	20.0	86.9	UD	7.38	86.9	ug/m3
179601-23-1	m/p-Xylene	40.0	174	UD	16.5	174	ug/m3
95-47-6	o-Xylene	20.0	86.9	UD	7.82	86.9	ug/m3
100-42-5	Styrene	20.0	85.2	UD	6.39	85.2	ug/m3
75-25-2	Bromoform	20.0	207	UD	18.6	207	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	1.20	8.24	UD	4.19	8.24	ug/m3
95-49-8	2-Chlorotoluene	20.0	104	UD	8.80	104	ug/m3
108-67-8	1,3,5-Trimethylbenzene	20.0	98.3	UD	8.85	98.3	ug/m3
95-63-6	1,2,4-Trimethylbenzene	20.0	98.3	UD	9.34	98.3	ug/m3
541-73-1	1,3-Dichlorobenzene	20.0	120	UD	6.61	120	ug/m3
106-46-7	1,4-Dichlorobenzene	20.0	120	UD	11.4	120	ug/m3
95-50-1	1,2-Dichlorobenzene	20.0	120	UD	7.82	120	ug/m3
120-82-1	1,2,4-Trichlorobenzene	20.0	148	UD	21.5	148	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	20.0	213	UD	32.0	213	ug/m3
106-99-0	1,3-Butadiene	20.0	44.3	UD	3.76	44.3	ug/m3
91-20-3	Naphthalene	20.0	105	UD	11.0	105	ug/m3
622-96-8	4-Ethyltoluene	20.0	98.3	UD	7.37	98.3	ug/m3
110-54-3	Hexane	20.0	70.5	UD	4.58	70.5	ug/m3
107-05-1	Allyl Chloride	20.0	62.6	UD	6.26	62.6	ug/m3
123-91-1	1,4-Dioxane	20.0	72.1	UD	17.7	72.1	ug/m3
80-62-6	Methyl Methacrylate	20.0	81.9	UD	3.36	81.9	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.1			65 - 135	101%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	757000		5.68			
540-36-3	1,4-Difluorobenzene	1510000		7.2			
3114-55-4	Chlorobenzene-d5	1490000		12.14			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-2	SDG No.:	K6068
Lab Sample ID:	K6068-02	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034426.D	1		12/02/19 15:00	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	36.2	179	E	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.50	1.03	U	0.080	1.03	ug/m3
75-01-4	Vinyl Chloride	0.030	0.080	U	0.050	0.080	ug/m3
74-83-9	Bromomethane	0.50	1.94	U	0.16	1.94	ug/m3
75-00-3	Chloroethane	0.50	1.32	U	0.11	1.32	ug/m3
109-99-9	Tetrahydrofuran	1.70	5.01		0.12	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.25	1.40	J	0.28	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	3.83	U	0.38	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.50	3.49	U	0.21	3.49	ug/m3
75-65-0	tert-Butyl alcohol	4.40	13.3		0.33	1.52	ug/m3
142-82-5	Heptane	0.50	2.05	U	0.16	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.58	2.30		0.20	1.98	ug/m3
67-64-1	Acetone	32.3	76.7	EB	0.14	1.19	ug/m3
75-15-0	Carbon Disulfide	0.92	2.86		0.19	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.50	1.80	U	0.14	1.80	ug/m3
75-09-2	Methylene Chloride	2.90	10.1	B	0.42	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	6.80	27.0		0.24	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.50	2.02	U	0.16	2.02	ug/m3
110-82-7	Cyclohexane	0.72	2.48		0.34	1.72	ug/m3
78-93-3	2-Butanone	2.80	8.26		0.12	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.080	0.50		0.13	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	78.0	309	E	0.20	1.98	ug/m3
67-66-3	Chloroform	16.9	82.5	E	0.10	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	56.9	310	E	0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.50	2.34	U	0.14	2.34	ug/m3
71-43-2	Benzene	2.60	8.31		0.13	1.60	ug/m3
107-06-2	1,2-Dichloroethane	0.50	2.02	U	0.12	2.02	ug/m3
79-01-6	Trichloroethene	490	2630	E	0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.50	2.31	U	0.14	2.31	ug/m3
75-27-4	Bromodichloromethane	0.50	3.35	U	0.27	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.44	1.80	J	0.040	2.05	ug/m3
108-88-3	Toluene	4.90	18.5		0.11	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.50	2.27	U	0.14	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.50	2.27	U	0.14	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.50	2.73	U	0.22	2.73	ug/m3
124-48-1	Dibromochloromethane	0.50	4.26	U	0.34	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.50	3.84	U	0.31	3.84	ug/m3
127-18-4	Tetrachloroethene	130	882	E	0.070	0.20	ug/m3

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-2	SDG No.:	K6068
Lab Sample ID:	K6068-02	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034426.D	1		12/02/19 15:00	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.50	2.30	U	0.090	2.30	ug/m3
100-41-4	Ethyl Benzene	0.93	4.04		0.17	2.17	ug/m3
179601-23-1	m/p-Xylene	3.10	13.5		0.43	4.34	ug/m3
95-47-6	o-Xylene	1.20	5.21		0.22	2.17	ug/m3
100-42-5	Styrene	0.13	0.55	J	0.17	2.13	ug/m3
75-25-2	Bromoform	0.50	5.17	U	0.41	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.030	0.21	U	0.14	0.21	ug/m3
95-49-8	2-Chlorotoluene	0.50	2.59	U	0.21	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.30	1.47	J	0.20	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1.20	5.90		0.25	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.50	3.01	U	0.18	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.50	3.01	U	0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.50	3.01	U	0.18	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.50	3.71	U	0.52	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.50	5.33	U	0.75	5.33	ug/m3
106-99-0	1,3-Butadiene	0.50	1.11	U	0.090	1.11	ug/m3
91-20-3	Naphthalene	0.14	0.73	J	0.26	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.43	2.11	J	0.20	2.46	ug/m3
110-54-3	Hexane	2.10	7.40		0.11	1.76	ug/m3
107-05-1	Allyl Chloride	0.50	1.57	U	0.16	1.57	ug/m3
123-91-1	1,4-Dioxane	0.50	1.80	U	0.43	1.80	ug/m3
80-62-6	Methyl Methacrylate	0.50	2.05	U	0.080	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.80			65 - 135	98%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	1030000		5.7			
540-36-3	1,4-Difluorobenzene	2140000		7.26			
3114-55-4	Chlorobenzene-d5	2110000		12.18			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-2DL	SDG No.:	K6068
Lab Sample ID:	K6068-02DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034427.D	10		12/02/19 15:38	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	86.8	429	D	4.94	24.7	ug/m3
74-87-3	Chloromethane	5.00	10.3	UD	0.78	10.3	ug/m3
75-01-4	Vinyl Chloride	0.30	0.77	UD	0.61	0.77	ug/m3
74-83-9	Bromomethane	5.00	19.4	UD	1.36	19.4	ug/m3
75-00-3	Chloroethane	5.00	13.2	UD	1.13	13.2	ug/m3
109-99-9	Tetrahydrofuran	5.00	14.8	UD	1.09	14.8	ug/m3
75-69-4	Trichlorofluoromethane	5.00	28.1	UD	2.70	28.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	38.3	UD	4.22	38.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	5.00	35.0	UD	2.38	35.0	ug/m3
75-65-0	tert-Butyl alcohol	5.40	16.4	D	3.33	15.2	ug/m3
142-82-5	Heptane	5.00	20.5	UD	1.56	20.5	ug/m3
75-35-4	1,1-Dichloroethene	5.00	19.8	UD	2.06	19.8	ug/m3
67-64-1	Acetone	40.9	97.2	DB	1.40	11.9	ug/m3
75-15-0	Carbon Disulfide	5.00	15.6	UD	1.96	15.6	ug/m3
1634-04-4	Methyl tert-Butyl Ether	5.00	18.0	UD	1.59	18.0	ug/m3
75-09-2	Methylene Chloride	5.00	17.4	UD	4.17	17.4	ug/m3
156-60-5	trans-1,2-Dichloroethene	6.20	24.6	D	2.18	19.8	ug/m3
75-34-3	1,1-Dichloroethane	5.00	20.2	UD	1.74	20.2	ug/m3
110-82-7	Cyclohexane	5.00	17.2	UD	3.44	17.2	ug/m3
78-93-3	2-Butanone	5.00	14.8	UD	1.15	14.8	ug/m3
56-23-5	Carbon Tetrachloride	0.30	1.89	UD	1.20	1.89	ug/m3
156-59-2	cis-1,2-Dichloroethene	170	674	ED	1.94	19.8	ug/m3
67-66-3	Chloroform	18.4	89.9	D	0.83	24.4	ug/m3
71-55-6	1,1,1-Trichloroethane	87.4	477	D	0.76	1.64	ug/m3
540-84-1	2,2,4-Trimethylpentane	5.00	23.4	UD	1.59	23.4	ug/m3
71-43-2	Benzene	2.60	8.31	JD	1.25	16.0	ug/m3
107-06-2	1,2-Dichloroethane	5.00	20.2	UD	1.34	20.2	ug/m3
79-01-6	Trichloroethene	1600	8600	ED	0.86	1.61	ug/m3
78-87-5	1,2-Dichloropropane	5.00	23.1	UD	1.48	23.1	ug/m3
75-27-4	Bromodichloromethane	5.00	33.5	UD	2.41	33.5	ug/m3
108-10-1	4-Methyl-2-Pentanone	5.00	20.5	UD	0.57	20.5	ug/m3
108-88-3	Toluene	4.80	18.1	JD	1.32	18.8	ug/m3
10061-02-6	t-1,3-Dichloropropene	5.00	22.7	UD	1.32	22.7	ug/m3
10061-01-5	cis-1,3-Dichloropropene	5.00	22.7	UD	1.45	22.7	ug/m3
79-00-5	1,1,2-Trichloroethane	5.00	27.3	UD	2.02	27.3	ug/m3
124-48-1	Dibromochloromethane	5.00	42.6	UD	3.24	42.6	ug/m3
106-93-4	1,2-Dibromoethane	5.00	38.4	UD	3.30	38.4	ug/m3
127-18-4	Tetrachloroethene	250	1700	ED	0.54	2.03	ug/m3

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-2DL	SDG No.:	K6068
Lab Sample ID:	K6068-02DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034427.D	10		12/02/19 15:38	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	5.00	23.0	UD	0.92	23.0	ug/m3
100-41-4	Ethyl Benzene	5.00	21.7	UD	1.91	21.7	ug/m3
179601-23-1	m/p-Xylene	2.70	11.7	JD	4.17	43.4	ug/m3
95-47-6	o-Xylene	0.99	4.30	JD	2.00	21.7	ug/m3
100-42-5	Styrene	5.00	21.3	UD	1.58	21.3	ug/m3
75-25-2	Bromoform	5.00	51.7	UD	4.55	51.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.30	2.06	UD	1.03	2.06	ug/m3
95-49-8	2-Chlorotoluene	5.00	25.9	UD	2.17	25.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	5.00	24.6	UD	2.16	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	5.00	24.6	UD	2.36	24.6	ug/m3
541-73-1	1,3-Dichlorobenzene	5.00	30.1	UD	1.56	30.1	ug/m3
106-46-7	1,4-Dichlorobenzene	5.00	30.1	UD	2.77	30.1	ug/m3
95-50-1	1,2-Dichlorobenzene	5.00	30.1	UD	1.92	30.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	5.00	37.1	UD	5.42	37.1	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	5.00	53.3	UD	8.00	53.3	ug/m3
106-99-0	1,3-Butadiene	5.00	11.1	UD	0.95	11.1	ug/m3
91-20-3	Naphthalene	5.00	26.2	UD	2.73	26.2	ug/m3
622-96-8	4-Ethyltoluene	5.00	24.6	UD	1.82	24.6	ug/m3
110-54-3	Hexane	5.00	17.6	UD	1.16	17.6	ug/m3
107-05-1	Allyl Chloride	5.00	15.7	UD	1.60	15.7	ug/m3
123-91-1	1,4-Dioxane	5.00	18.0	UD	4.32	18.0	ug/m3
80-62-6	Methyl Methacrylate	5.00	20.5	UD	0.82	20.5	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.60			65 - 135	96%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	998000		5.69			
540-36-3	1,4-Difluorobenzene	2100000		7.22			
3114-55-4	Chlorobenzene-d5	2060000		12.16			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-2DL2	SDG No.:	K6068
Lab Sample ID:	K6068-02DL2	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034460.D	600		12/03/19 14:46	VL120319

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	300	1480	UD	296	1480	ug/m3
74-87-3	Chloromethane	300	620	UD	46.9	620	ug/m3
75-01-4	Vinyl Chloride	18.0	46.0	UD	37.3	46.0	ug/m3
74-83-9	Bromomethane	300	1160	UD	81.5	1160	ug/m3
75-00-3	Chloroethane	300	792	UD	67.8	792	ug/m3
109-99-9	Tetrahydrofuran	300	885	UD	64.6	885	ug/m3
75-69-4	Trichlorofluoromethane	300	1690	UD	161	1690	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	300	2300	UD	251	2300	ug/m3
76-14-2	Dichlorotetrafluoroethane	300	2100	UD	141	2100	ug/m3
75-65-0	tert-Butyl alcohol	300	909	UD	203	909	ug/m3
142-82-5	Heptane	300	1230	UD	93.0	1230	ug/m3
75-35-4	1,1-Dichloroethene	300	1190	UD	123	1190	ug/m3
67-64-1	Acetone	300	713	UD	84.6	713	ug/m3
75-15-0	Carbon Disulfide	300	934	UD	118	934	ug/m3
1634-04-4	Methyl tert-Butyl Ether	300	1080	UD	94.8	1080	ug/m3
75-09-2	Methylene Chloride	300	1040	UD	257	1040	ug/m3
156-60-5	trans-1,2-Dichloroethene	300	1190	UD	132	1190	ug/m3
75-34-3	1,1-Dichloroethane	300	1210	UD	105	1210	ug/m3
110-82-7	Cyclohexane	300	1030	UD	205	1030	ug/m3
78-93-3	2-Butanone	300	885	UD	69.6	885	ug/m3
56-23-5	Carbon Tetrachloride	18.0	113	UD	72.3	113	ug/m3
156-59-2	cis-1,2-Dichloroethene	140	555	JD	117	1190	ug/m3
67-66-3	Chloroform	300	1470	UD	48.8	1470	ug/m3
71-55-6	1,1,1-Trichloroethane	81.0	442	D	45.3	98.2	ug/m3
540-84-1	2,2,4-Trimethylpentane	300	1400	UD	95.8	1400	ug/m3
71-43-2	Benzene	300	958	UD	75.1	958	ug/m3
107-06-2	1,2-Dichloroethane	300	1210	UD	80.5	1210	ug/m3
79-01-6	Trichloroethene	5300	28500	D	52.7	96.7	ug/m3
78-87-5	1,2-Dichloropropane	300	1390	UD	89.2	1390	ug/m3
75-27-4	Bromodichloromethane	300	2010	UD	145	2010	ug/m3
108-10-1	4-Methyl-2-Pentanone	300	1230	UD	34.0	1230	ug/m3
108-88-3	Toluene	300	1130	UD	79.1	1130	ug/m3
10061-02-6	t-1,3-Dichloropropene	300	1360	UD	78.5	1360	ug/m3
10061-01-5	cis-1,3-Dichloropropene	300	1360	UD	86.7	1360	ug/m3
79-00-5	1,1,2-Trichloroethane	300	1640	UD	121	1640	ug/m3
124-48-1	Dibromochloromethane	300	2560	UD	195	2560	ug/m3
106-93-4	1,2-Dibromoethane	300	2310	UD	197	2310	ug/m3
127-18-4	Tetrachloroethene	210	1420	D	31.9	122	ug/m3

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-2DL2	SDG No.:	K6068
Lab Sample ID:	K6068-02DL2	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034460.D	600		12/03/19 14:46	VL120319

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	300	1380	UD	54.3	1380	ug/m3
100-41-4	Ethyl Benzene	300	1300	UD	114	1300	ug/m3
179601-23-1	m/p-Xylene	600	2610	UD	250	2610	ug/m3
95-47-6	o-Xylene	300	1300	UD	119	1300	ug/m3
100-42-5	Styrene	300	1280	UD	94.1	1280	ug/m3
75-25-2	Bromoform	300	3100	UD	272	3100	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	18.0	124	UD	62.5	124	ug/m3
95-49-8	2-Chlorotoluene	300	1550	UD	130	1550	ug/m3
108-67-8	1,3,5-Trimethylbenzene	300	1470	UD	130	1470	ug/m3
95-63-6	1,2,4-Trimethylbenzene	300	1470	UD	143	1470	ug/m3
541-73-1	1,3-Dichlorobenzene	300	1800	UD	95.0	1800	ug/m3
106-46-7	1,4-Dichlorobenzene	300	1800	UD	168	1800	ug/m3
95-50-1	1,2-Dichlorobenzene	300	1800	UD	115	1800	ug/m3
120-82-1	1,2,4-Trichlorobenzene	300	2230	UD	323	2230	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	300	3200	UD	478	3200	ug/m3
106-99-0	1,3-Butadiene	300	664	UD	57.5	664	ug/m3
91-20-3	Naphthalene	300	1570	UD	163	1570	ug/m3
622-96-8	4-Ethyltoluene	300	1470	UD	110	1470	ug/m3
110-54-3	Hexane	300	1060	UD	70.8	1060	ug/m3
107-05-1	Allyl Chloride	300	939	UD	96.1	939	ug/m3
123-91-1	1,4-Dioxane	300	1080	UD	263	1080	ug/m3
80-62-6	Methyl Methacrylate	300	1230	UD	50.4	1230	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.0			65 - 135	100%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	976000		5.69			
540-36-3	1,4-Difluorobenzene	1900000		7.21			
3114-55-4	Chlorobenzene-d5	1900000		12.15			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-3	SDG No.:	K6068
Lab Sample ID:	K6068-03	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034431.D	1		12/02/19 18:12	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	3.30	16.3		0.49	2.47	ug/m3
74-87-3	Chloromethane	0.50	1.03	U	0.080	1.03	ug/m3
75-01-4	Vinyl Chloride	0.030	0.080	U	0.050	0.080	ug/m3
74-83-9	Bromomethane	0.50	1.94	U	0.16	1.94	ug/m3
75-00-3	Chloroethane	0.63	1.66		0.11	1.32	ug/m3
109-99-9	Tetrahydrofuran	2.70	7.96		0.12	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.27	1.52	J	0.28	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	3.83	U	0.38	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.50	3.49	U	0.21	3.49	ug/m3
75-65-0	tert-Butyl alcohol	3.80	11.5		0.33	1.52	ug/m3
142-82-5	Heptane	0.53	2.17		0.16	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.50	1.98	U	0.20	1.98	ug/m3
67-64-1	Acetone	17.5	41.6	EB	0.14	1.19	ug/m3
75-15-0	Carbon Disulfide	0.50	1.56	U	0.19	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.50	1.80	U	0.14	1.80	ug/m3
75-09-2	Methylene Chloride	3.30	11.5	B	0.42	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	5.10	20.2		0.24	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.50	2.02	U	0.16	2.02	ug/m3
110-82-7	Cyclohexane	0.53	1.82		0.34	1.72	ug/m3
78-93-3	2-Butanone	2.90	8.55		0.12	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.090	0.57		0.13	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	46.9	186	E	0.20	1.98	ug/m3
67-66-3	Chloroform	14.1	68.9		0.10	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	15.1	82.4	E	0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.50	2.34	U	0.14	2.34	ug/m3
71-43-2	Benzene	0.90	2.88		0.13	1.60	ug/m3
107-06-2	1,2-Dichloroethane	0.50	2.02	U	0.12	2.02	ug/m3
79-01-6	Trichloroethene	280	1500	E	0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.50	2.31	U	0.14	2.31	ug/m3
75-27-4	Bromodichloromethane	0.50	3.35	U	0.27	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.45	1.84	J	0.040	2.05	ug/m3
108-88-3	Toluene	5.30	20.0		0.11	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.50	2.27	U	0.14	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.50	2.27	U	0.14	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.50	2.73	U	0.22	2.73	ug/m3
124-48-1	Dibromochloromethane	0.50	4.26	U	0.34	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.50	3.84	U	0.31	3.84	ug/m3
127-18-4	Tetrachloroethene	110	746	E	0.070	0.20	ug/m3

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-3	SDG No.:	K6068
Lab Sample ID:	K6068-03	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034431.D	1		12/02/19 18:12	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.50	2.30	U	0.090	2.30	ug/m3
100-41-4	Ethyl Benzene	0.81	3.52		0.17	2.17	ug/m3
179601-23-1	m/p-Xylene	2.70	11.7		0.43	4.34	ug/m3
95-47-6	o-Xylene	1.00	4.34		0.22	2.17	ug/m3
100-42-5	Styrene	0.50	2.13	U	0.17	2.13	ug/m3
75-25-2	Bromoform	0.50	5.17	U	0.41	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.030	0.21	U	0.14	0.21	ug/m3
95-49-8	2-Chlorotoluene	0.50	2.59	U	0.21	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.27	1.33	J	0.20	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1.10	5.41		0.25	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.50	3.01	U	0.18	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.50	3.01	U	0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.50	3.01	U	0.18	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.50	3.71	U	0.52	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.50	5.33	U	0.75	5.33	ug/m3
106-99-0	1,3-Butadiene	0.50	1.11	U	0.090	1.11	ug/m3
91-20-3	Naphthalene	0.13	0.68	J	0.26	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.34	1.67	J	0.20	2.46	ug/m3
110-54-3	Hexane	1.50	5.29		0.11	1.76	ug/m3
107-05-1	Allyl Chloride	0.50	1.57	U	0.16	1.57	ug/m3
123-91-1	1,4-Dioxane	0.50	1.80	U	0.43	1.80	ug/m3
80-62-6	Methyl Methacrylate	0.50	2.05	U	0.080	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.80			65 - 135	98%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	910000		5.69			
540-36-3	1,4-Difluorobenzene	1800000		7.23			
3114-55-4	Chlorobenzene-d5	1870000		12.16			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-3DL	SDG No.:	K6068
Lab Sample ID:	K6068-03DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034432.D	10		12/02/19 18:50	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	4.20	20.8	JD	4.94	24.7	ug/m3
74-87-3	Chloromethane	5.00	10.3	UD	0.78	10.3	ug/m3
75-01-4	Vinyl Chloride	0.30	0.77	UD	0.61	0.77	ug/m3
74-83-9	Bromomethane	5.00	19.4	UD	1.36	19.4	ug/m3
75-00-3	Chloroethane	5.00	13.2	UD	1.13	13.2	ug/m3
109-99-9	Tetrahydrofuran	5.00	14.8	UD	1.09	14.8	ug/m3
75-69-4	Trichlorofluoromethane	5.00	28.1	UD	2.70	28.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	38.3	UD	4.22	38.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	5.00	35.0	UD	2.38	35.0	ug/m3
75-65-0	tert-Butyl alcohol	5.10	15.5	D	3.33	15.2	ug/m3
142-82-5	Heptane	5.00	20.5	UD	1.56	20.5	ug/m3
75-35-4	1,1-Dichloroethene	5.00	19.8	UD	2.06	19.8	ug/m3
67-64-1	Acetone	20.5	48.7	DB	1.40	11.9	ug/m3
75-15-0	Carbon Disulfide	5.00	15.6	UD	1.96	15.6	ug/m3
1634-04-4	Methyl tert-Butyl Ether	5.00	18.0	UD	1.59	18.0	ug/m3
75-09-2	Methylene Chloride	5.00	17.4	UD	4.17	17.4	ug/m3
156-60-5	trans-1,2-Dichloroethene	4.80	19.0	JD	2.18	19.8	ug/m3
75-34-3	1,1-Dichloroethane	5.00	20.2	UD	1.74	20.2	ug/m3
110-82-7	Cyclohexane	5.00	17.2	UD	3.44	17.2	ug/m3
78-93-3	2-Butanone	5.00	14.8	UD	1.15	14.8	ug/m3
56-23-5	Carbon Tetrachloride	0.30	1.89	UD	1.20	1.89	ug/m3
156-59-2	cis-1,2-Dichloroethene	62.1	246	D	1.94	19.8	ug/m3
67-66-3	Chloroform	15.2	74.2	D	0.83	24.4	ug/m3
71-55-6	1,1,1-Trichloroethane	15.1	82.4	D	0.76	1.64	ug/m3
540-84-1	2,2,4-Trimethylpentane	5.00	23.4	UD	1.59	23.4	ug/m3
71-43-2	Benzene	5.00	16.0	UD	1.25	16.0	ug/m3
107-06-2	1,2-Dichloroethane	5.00	20.2	UD	1.34	20.2	ug/m3
79-01-6	Trichloroethene	890	4780	ED	0.86	1.61	ug/m3
78-87-5	1,2-Dichloropropane	5.00	23.1	UD	1.48	23.1	ug/m3
75-27-4	Bromodichloromethane	5.00	33.5	UD	2.41	33.5	ug/m3
108-10-1	4-Methyl-2-Pentanone	5.00	20.5	UD	0.57	20.5	ug/m3
108-88-3	Toluene	4.60	17.3	JD	1.32	18.8	ug/m3
10061-02-6	t-1,3-Dichloropropene	5.00	22.7	UD	1.32	22.7	ug/m3
10061-01-5	cis-1,3-Dichloropropene	5.00	22.7	UD	1.45	22.7	ug/m3
79-00-5	1,1,2-Trichloroethane	5.00	27.3	UD	2.02	27.3	ug/m3
124-48-1	Dibromochloromethane	5.00	42.6	UD	3.24	42.6	ug/m3
106-93-4	1,2-Dibromoethane	5.00	38.4	UD	3.30	38.4	ug/m3
127-18-4	Tetrachloroethene	170	1150	ED	0.54	2.03	ug/m3

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-3DL	SDG No.:	K6068
Lab Sample ID:	K6068-03DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034432.D	10		12/02/19 18:50	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	5.00	23.0	UD	0.92	23.0	ug/m3
100-41-4	Ethyl Benzene	5.00	21.7	UD	1.91	21.7	ug/m3
179601-23-1	m/p-Xylene	2.10	9.12	JD	4.17	43.4	ug/m3
95-47-6	o-Xylene	5.00	21.7	UD	2.00	21.7	ug/m3
100-42-5	Styrene	5.00	21.3	UD	1.58	21.3	ug/m3
75-25-2	Bromoform	5.00	51.7	UD	4.55	51.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.30	2.06	UD	1.03	2.06	ug/m3
95-49-8	2-Chlorotoluene	5.00	25.9	UD	2.17	25.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	5.00	24.6	UD	2.16	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	5.00	24.6	UD	2.36	24.6	ug/m3
541-73-1	1,3-Dichlorobenzene	5.00	30.1	UD	1.56	30.1	ug/m3
106-46-7	1,4-Dichlorobenzene	5.00	30.1	UD	2.77	30.1	ug/m3
95-50-1	1,2-Dichlorobenzene	5.00	30.1	UD	1.92	30.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	5.00	37.1	UD	5.42	37.1	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	5.00	53.3	UD	8.00	53.3	ug/m3
106-99-0	1,3-Butadiene	5.00	11.1	UD	0.95	11.1	ug/m3
91-20-3	Naphthalene	5.00	26.2	UD	2.73	26.2	ug/m3
622-96-8	4-Ethyltoluene	5.00	24.6	UD	1.82	24.6	ug/m3
110-54-3	Hexane	5.00	17.6	UD	1.16	17.6	ug/m3
107-05-1	Allyl Chloride	5.00	15.7	UD	1.60	15.7	ug/m3
123-91-1	1,4-Dioxane	5.00	18.0	UD	4.32	18.0	ug/m3
80-62-6	Methyl Methacrylate	5.00	20.5	UD	0.82	20.5	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.0			65 - 135	100%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	910000		5.69			
540-36-3	1,4-Difluorobenzene	1840000		7.21			
3114-55-4	Chlorobenzene-d5	1800000		12.15			

U = Not Detected

RL = Reporting Limit

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D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-3DL2	SDG No.:	K6068
Lab Sample ID:	K6068-03DL2	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034457.D	200		12/03/19 12:52	VL120319

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	100	494	UD	98.9	494	ug/m3
74-87-3	Chloromethane	100	207	UD	15.7	207	ug/m3
75-01-4	Vinyl Chloride	6.00	15.3	UD	12.5	15.3	ug/m3
74-83-9	Bromomethane	100	388	UD	27.2	388	ug/m3
75-00-3	Chloroethane	100	264	UD	22.7	264	ug/m3
109-99-9	Tetrahydrofuran	100	295	UD	21.5	295	ug/m3
75-69-4	Trichlorofluoromethane	100	562	UD	53.4	562	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	100	766	UD	83.5	766	ug/m3
76-14-2	Dichlorotetrafluoroethane	100	699	UD	46.8	699	ug/m3
75-65-0	tert-Butyl alcohol	100	303	UD	67.6	303	ug/m3
142-82-5	Heptane	100	410	UD	31.1	410	ug/m3
75-35-4	1,1-Dichloroethene	100	396	UD	41.2	396	ug/m3
67-64-1	Acetone	100	238	UD	28.3	238	ug/m3
75-15-0	Carbon Disulfide	100	311	UD	39.2	311	ug/m3
1634-04-4	Methyl tert-Butyl Ether	100	361	UD	31.7	361	ug/m3
75-09-2	Methylene Chloride	100	347	UD	85.8	347	ug/m3
156-60-5	trans-1,2-Dichloroethene	100	396	UD	44.0	396	ug/m3
75-34-3	1,1-Dichloroethane	100	405	UD	35.2	405	ug/m3
110-82-7	Cyclohexane	100	344	UD	68.5	344	ug/m3
78-93-3	2-Butanone	100	295	UD	23.3	295	ug/m3
56-23-5	Carbon Tetrachloride	6.00	37.7	UD	23.9	37.7	ug/m3
156-59-2	cis-1,2-Dichloroethene	44.0	174	JD	38.9	396	ug/m3
67-66-3	Chloroform	100	488	UD	16.1	488	ug/m3
71-55-6	1,1,1-Trichloroethane	6.00	32.7	UD	15.3	32.7	ug/m3
540-84-1	2,2,4-Trimethylpentane	100	467	UD	31.8	467	ug/m3
71-43-2	Benzene	100	319	UD	24.9	319	ug/m3
107-06-2	1,2-Dichloroethane	100	405	UD	26.7	405	ug/m3
79-01-6	Trichloroethene	1100	5910	D	17.7	32.3	ug/m3
78-87-5	1,2-Dichloropropane	100	462	UD	29.6	462	ug/m3
75-27-4	Bromodichloromethane	100	670	UD	48.2	670	ug/m3
108-10-1	4-Methyl-2-Pentanone	100	410	UD	11.5	410	ug/m3
108-88-3	Toluene	100	377	UD	26.4	377	ug/m3
10061-02-6	t-1,3-Dichloropropene	100	454	UD	26.3	454	ug/m3
10061-01-5	cis-1,3-Dichloropropene	100	454	UD	29.1	454	ug/m3
79-00-5	1,1,2-Trichloroethane	100	546	UD	40.4	546	ug/m3
124-48-1	Dibromochloromethane	100	852	UD	64.8	852	ug/m3
106-93-4	1,2-Dibromoethane	100	769	UD	65.3	769	ug/m3
127-18-4	Tetrachloroethene	130	882	D	10.8	40.7	ug/m3

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-3DL2	SDG No.:	K6068
Lab Sample ID:	K6068-03DL2	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034457.D	200		12/03/19 12:52	VL120319

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	100	461	UD	18.0	461	ug/m3
100-41-4	Ethyl Benzene	100	434	UD	37.8	434	ug/m3
179601-23-1	m/p-Xylene	200	869	UD	83.4	869	ug/m3
95-47-6	o-Xylene	100	434	UD	39.5	434	ug/m3
100-42-5	Styrene	100	426	UD	31.5	426	ug/m3
75-25-2	Bromoform	100	1030	UD	91.0	1030	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	6.00	41.2	UD	20.6	41.2	ug/m3
95-49-8	2-Chlorotoluene	100	518	UD	43.5	518	ug/m3
108-67-8	1,3,5-Trimethylbenzene	100	492	UD	43.3	492	ug/m3
95-63-6	1,2,4-Trimethylbenzene	100	492	UD	47.7	492	ug/m3
541-73-1	1,3-Dichlorobenzene	100	601	UD	31.9	601	ug/m3
106-46-7	1,4-Dichlorobenzene	100	601	UD	55.9	601	ug/m3
95-50-1	1,2-Dichlorobenzene	100	601	UD	38.5	601	ug/m3
120-82-1	1,2,4-Trichlorobenzene	100	742	UD	108	742	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	100	1070	UD	159	1070	ug/m3
106-99-0	1,3-Butadiene	100	221	UD	19.3	221	ug/m3
91-20-3	Naphthalene	100	524	UD	54.0	524	ug/m3
622-96-8	4-Ethyltoluene	100	492	UD	36.9	492	ug/m3
110-54-3	Hexane	100	352	UD	23.6	352	ug/m3
107-05-1	Allyl Chloride	100	313	UD	31.9	313	ug/m3
123-91-1	1,4-Dioxane	100	360	UD	87.9	360	ug/m3
80-62-6	Methyl Methacrylate	100	409	UD	16.8	409	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.0			65 - 135	100%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	1010000		5.69			
540-36-3	1,4-Difluorobenzene	1990000		7.21			
3114-55-4	Chlorobenzene-d5	1990000		12.15			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-4	SDG No.:	K6068
Lab Sample ID:	K6068-04	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034434.D	1		12/02/19 20:08	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.64	3.16		0.49	2.47	ug/m3
74-87-3	Chloromethane	0.41	0.85	J	0.080	1.03	ug/m3
75-01-4	Vinyl Chloride	0.030	0.080	U	0.050	0.080	ug/m3
74-83-9	Bromomethane	0.50	1.94	U	0.16	1.94	ug/m3
75-00-3	Chloroethane	0.50	1.32	U	0.11	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.50	1.47	U	0.12	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.24	1.35	J	0.28	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	3.83	U	0.38	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.50	3.49	U	0.21	3.49	ug/m3
75-65-0	tert-Butyl alcohol	1.80	5.46		0.33	1.52	ug/m3
142-82-5	Heptane	0.52	2.13		0.16	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.50	1.98	U	0.20	1.98	ug/m3
67-64-1	Acetone	47.2	112	EB	0.14	1.19	ug/m3
75-15-0	Carbon Disulfide	1.70	5.29		0.19	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.50	1.80	U	0.14	1.80	ug/m3
75-09-2	Methylene Chloride	1.10	3.82	B	0.42	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.41	1.63	J	0.24	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.50	2.02	U	0.16	2.02	ug/m3
110-82-7	Cyclohexane	0.47	1.62	J	0.34	1.72	ug/m3
78-93-3	2-Butanone	2.80	8.26		0.12	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.070	0.44		0.13	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	15.1	59.9	E	0.20	1.98	ug/m3
67-66-3	Chloroform	1.70	8.30		0.10	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	4.50	24.6		0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.50	2.34	U	0.14	2.34	ug/m3
71-43-2	Benzene	1.70	5.43		0.13	1.60	ug/m3
107-06-2	1,2-Dichloroethane	0.50	2.02	U	0.12	2.02	ug/m3
79-01-6	Trichloroethene	230	1240	E	0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.50	2.31	U	0.14	2.31	ug/m3
75-27-4	Bromodichloromethane	0.50	3.35	U	0.27	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.23	0.94	J	0.040	2.05	ug/m3
108-88-3	Toluene	2.70	10.2		0.11	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.50	2.27	U	0.14	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.50	2.27	U	0.14	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.50	2.73	U	0.22	2.73	ug/m3
124-48-1	Dibromochloromethane	0.50	4.26	U	0.34	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.50	3.84	U	0.31	3.84	ug/m3
127-18-4	Tetrachloroethene	170	1150	E	0.070	0.20	ug/m3

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-4	SDG No.:	K6068
Lab Sample ID:	K6068-04	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034434.D	1		12/02/19 20:08	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.50	2.30	U	0.090	2.30	ug/m3
100-41-4	Ethyl Benzene	0.41	1.78	J	0.17	2.17	ug/m3
179601-23-1	m/p-Xylene	1.60	6.95		0.43	4.34	ug/m3
95-47-6	o-Xylene	0.57	2.48		0.22	2.17	ug/m3
100-42-5	Styrene	0.50	2.13	U	0.17	2.13	ug/m3
75-25-2	Bromoform	0.50	5.17	U	0.41	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.030	0.21	U	0.14	0.21	ug/m3
95-49-8	2-Chlorotoluene	0.50	2.59	U	0.21	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.15	0.74	J	0.20	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.61	3.00		0.25	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.50	3.01	U	0.18	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.50	3.01	U	0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.50	3.01	U	0.18	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.50	3.71	U	0.52	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.50	5.33	U	0.75	5.33	ug/m3
106-99-0	1,3-Butadiene	0.50	1.11	U	0.090	1.11	ug/m3
91-20-3	Naphthalene	0.50	2.62	U	0.26	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.22	1.08	J	0.20	2.46	ug/m3
110-54-3	Hexane	1.20	4.23		0.11	1.76	ug/m3
107-05-1	Allyl Chloride	0.50	1.57	U	0.16	1.57	ug/m3
123-91-1	1,4-Dioxane	0.50	1.80	U	0.43	1.80	ug/m3
80-62-6	Methyl Methacrylate	0.50	2.05	U	0.080	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.4			65 - 135	104%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	897000		5.69			
540-36-3	1,4-Difluorobenzene	1820000		7.23			
3114-55-4	Chlorobenzene-d5	1750000		12.16			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-4DL	SDG No.:	K6068
Lab Sample ID:	K6068-04DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034435.D	10		12/02/19 20:45	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	5.00	24.7	UD	4.94	24.7	ug/m3
74-87-3	Chloromethane	5.00	10.3	UD	0.78	10.3	ug/m3
75-01-4	Vinyl Chloride	0.30	0.77	UD	0.61	0.77	ug/m3
74-83-9	Bromomethane	5.00	19.4	UD	1.36	19.4	ug/m3
75-00-3	Chloroethane	5.00	13.2	UD	1.13	13.2	ug/m3
109-99-9	Tetrahydrofuran	5.00	14.8	UD	1.09	14.8	ug/m3
75-69-4	Trichlorofluoromethane	5.00	28.1	UD	2.70	28.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	38.3	UD	4.22	38.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	5.00	35.0	UD	2.38	35.0	ug/m3
75-65-0	tert-Butyl alcohol	5.00	15.2	UD	3.33	15.2	ug/m3
142-82-5	Heptane	5.00	20.5	UD	1.56	20.5	ug/m3
75-35-4	1,1-Dichloroethene	5.00	19.8	UD	2.06	19.8	ug/m3
67-64-1	Acetone	73.6	175	DB	1.40	11.9	ug/m3
75-15-0	Carbon Disulfide	5.00	15.6	UD	1.96	15.6	ug/m3
1634-04-4	Methyl tert-Butyl Ether	5.00	18.0	UD	1.59	18.0	ug/m3
75-09-2	Methylene Chloride	5.00	17.4	UD	4.17	17.4	ug/m3
156-60-5	trans-1,2-Dichloroethene	5.00	19.8	UD	2.18	19.8	ug/m3
75-34-3	1,1-Dichloroethane	5.00	20.2	UD	1.74	20.2	ug/m3
110-82-7	Cyclohexane	5.00	17.2	UD	3.44	17.2	ug/m3
78-93-3	2-Butanone	5.00	14.8	UD	1.15	14.8	ug/m3
56-23-5	Carbon Tetrachloride	0.30	1.89	UD	1.20	1.89	ug/m3
156-59-2	cis-1,2-Dichloroethene	15.0	59.5	D	1.94	19.8	ug/m3
67-66-3	Chloroform	1.60	7.81	JD	0.83	24.4	ug/m3
71-55-6	1,1,1-Trichloroethane	4.30	23.5	D	0.76	1.64	ug/m3
540-84-1	2,2,4-Trimethylpentane	5.00	23.4	UD	1.59	23.4	ug/m3
71-43-2	Benzene	5.00	16.0	UD	1.25	16.0	ug/m3
107-06-2	1,2-Dichloroethane	5.00	20.2	UD	1.34	20.2	ug/m3
79-01-6	Trichloroethene	720	3870	ED	0.86	1.61	ug/m3
78-87-5	1,2-Dichloropropane	5.00	23.1	UD	1.48	23.1	ug/m3
75-27-4	Bromodichloromethane	5.00	33.5	UD	2.41	33.5	ug/m3
108-10-1	4-Methyl-2-Pentanone	5.00	20.5	UD	0.57	20.5	ug/m3
108-88-3	Toluene	2.30	8.67	JD	1.32	18.8	ug/m3
10061-02-6	t-1,3-Dichloropropene	5.00	22.7	UD	1.32	22.7	ug/m3
10061-01-5	cis-1,3-Dichloropropene	5.00	22.7	UD	1.45	22.7	ug/m3
79-00-5	1,1,2-Trichloroethane	5.00	27.3	UD	2.02	27.3	ug/m3
124-48-1	Dibromochloromethane	5.00	42.6	UD	3.24	42.6	ug/m3
106-93-4	1,2-Dibromoethane	5.00	38.4	UD	3.30	38.4	ug/m3
127-18-4	Tetrachloroethene	360	2440	ED	0.54	2.03	ug/m3

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-4DL	SDG No.:	K6068
Lab Sample ID:	K6068-04DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034435.D	10		12/02/19 20:45	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	5.00	23.0	UD	0.92	23.0	ug/m3
100-41-4	Ethyl Benzene	5.00	21.7	UD	1.91	21.7	ug/m3
179601-23-1	m/p-Xylene	10.0	43.4	UD	4.17	43.4	ug/m3
95-47-6	o-Xylene	5.00	21.7	UD	2.00	21.7	ug/m3
100-42-5	Styrene	5.00	21.3	UD	1.58	21.3	ug/m3
75-25-2	Bromoform	5.00	51.7	UD	4.55	51.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.30	2.06	UD	1.03	2.06	ug/m3
95-49-8	2-Chlorotoluene	5.00	25.9	UD	2.17	25.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	5.00	24.6	UD	2.16	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	5.00	24.6	UD	2.36	24.6	ug/m3
541-73-1	1,3-Dichlorobenzene	5.00	30.1	UD	1.56	30.1	ug/m3
106-46-7	1,4-Dichlorobenzene	5.00	30.1	UD	2.77	30.1	ug/m3
95-50-1	1,2-Dichlorobenzene	5.00	30.1	UD	1.92	30.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	5.00	37.1	UD	5.42	37.1	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	5.00	53.3	UD	8.00	53.3	ug/m3
106-99-0	1,3-Butadiene	5.00	11.1	UD	0.95	11.1	ug/m3
91-20-3	Naphthalene	5.00	26.2	UD	2.73	26.2	ug/m3
622-96-8	4-Ethyltoluene	5.00	24.6	UD	1.82	24.6	ug/m3
110-54-3	Hexane	5.00	17.6	UD	1.16	17.6	ug/m3
107-05-1	Allyl Chloride	5.00	15.7	UD	1.60	15.7	ug/m3
123-91-1	1,4-Dioxane	5.00	18.0	UD	4.32	18.0	ug/m3
80-62-6	Methyl Methacrylate	5.00	20.5	UD	0.82	20.5	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.0			65 - 135	100%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	864000		5.69			
540-36-3	1,4-Difluorobenzene	1750000		7.21			
3114-55-4	Chlorobenzene-d5	1670000		12.15			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-4DL2	SDG No.:	K6068
Lab Sample ID:	K6068-04DL2	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034456.D	100		12/03/19 12:14	VL120319

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	50.0	247	UD	49.5	247	ug/m3
74-87-3	Chloromethane	50.0	103	UD	7.85	103	ug/m3
75-01-4	Vinyl Chloride	3.00	7.67	UD	6.13	7.67	ug/m3
74-83-9	Bromomethane	50.0	194	UD	13.6	194	ug/m3
75-00-3	Chloroethane	50.0	132	UD	11.3	132	ug/m3
109-99-9	Tetrahydrofuran	50.0	147	UD	10.9	147	ug/m3
75-69-4	Trichlorofluoromethane	50.0	281	UD	27.0	281	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	50.0	383	UD	42.2	383	ug/m3
76-14-2	Dichlorotetrafluoroethane	50.0	349	UD	23.8	349	ug/m3
75-65-0	tert-Butyl alcohol	50.0	152	UD	34.0	152	ug/m3
142-82-5	Heptane	50.0	205	UD	15.6	205	ug/m3
75-35-4	1,1-Dichloroethene	50.0	198	UD	20.6	198	ug/m3
67-64-1	Acetone	50.0	119	UD	14.0	119	ug/m3
75-15-0	Carbon Disulfide	50.0	156	UD	19.6	156	ug/m3
1634-04-4	Methyl tert-Butyl Ether	50.0	180	UD	15.9	180	ug/m3
75-09-2	Methylene Chloride	50.0	174	UD	42.7	174	ug/m3
156-60-5	trans-1,2-Dichloroethene	50.0	198	UD	21.8	198	ug/m3
75-34-3	1,1-Dichloroethane	50.0	202	UD	17.4	202	ug/m3
110-82-7	Cyclohexane	50.0	172	UD	34.4	172	ug/m3
78-93-3	2-Butanone	50.0	147	UD	11.5	147	ug/m3
56-23-5	Carbon Tetrachloride	3.00	18.9	UD	11.9	18.9	ug/m3
156-59-2	cis-1,2-Dichloroethene	50.0	198	UD	19.4	198	ug/m3
67-66-3	Chloroform	50.0	244	UD	8.30	244	ug/m3
71-55-6	1,1,1-Trichloroethane	3.00	16.4	UD	7.64	16.4	ug/m3
540-84-1	2,2,4-Trimethylpentane	50.0	234	UD	15.9	234	ug/m3
71-43-2	Benzene	50.0	160	UD	12.5	160	ug/m3
107-06-2	1,2-Dichloroethane	50.0	202	UD	13.4	202	ug/m3
79-01-6	Trichloroethene	680	3650	D	8.60	16.1	ug/m3
78-87-5	1,2-Dichloropropane	50.0	231	UD	14.8	231	ug/m3
75-27-4	Bromodichloromethane	50.0	335	UD	24.1	335	ug/m3
108-10-1	4-Methyl-2-Pentanone	50.0	205	UD	5.74	205	ug/m3
108-88-3	Toluene	50.0	188	UD	13.2	188	ug/m3
10061-02-6	t-1,3-Dichloropropene	50.0	227	UD	13.2	227	ug/m3
10061-01-5	cis-1,3-Dichloropropene	50.0	227	UD	14.5	227	ug/m3
79-00-5	1,1,2-Trichloroethane	50.0	273	UD	20.2	273	ug/m3
124-48-1	Dibromochloromethane	50.0	426	UD	32.4	426	ug/m3
106-93-4	1,2-Dibromoethane	50.0	384	UD	33.0	384	ug/m3
127-18-4	Tetrachloroethene	260	1760	D	5.29	20.3	ug/m3

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	11/26/19
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	11/26/19
Client Sample ID:	SV-4DL2	SDG No.:	K6068
Lab Sample ID:	K6068-04DL2	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034456.D	100		12/03/19 12:14	VL120319

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	50.0	230	UD	9.21	230	ug/m3
100-41-4	Ethyl Benzene	50.0	217	UD	19.1	217	ug/m3
179601-23-1	m/p-Xylene	100	434	UD	41.7	434	ug/m3
95-47-6	o-Xylene	50.0	217	UD	20.0	217	ug/m3
100-42-5	Styrene	50.0	213	UD	15.8	213	ug/m3
75-25-2	Bromoform	50.0	517	UD	45.5	517	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	3.00	20.6	UD	10.3	20.6	ug/m3
95-49-8	2-Chlorotoluene	50.0	259	UD	21.8	259	ug/m3
108-67-8	1,3,5-Trimethylbenzene	50.0	246	UD	21.6	246	ug/m3
95-63-6	1,2,4-Trimethylbenzene	50.0	246	UD	23.6	246	ug/m3
541-73-1	1,3-Dichlorobenzene	50.0	301	UD	15.6	301	ug/m3
106-46-7	1,4-Dichlorobenzene	50.0	301	UD	27.7	301	ug/m3
95-50-1	1,2-Dichlorobenzene	50.0	301	UD	19.2	301	ug/m3
120-82-1	1,2,4-Trichlorobenzene	50.0	371	UD	54.2	371	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	50.0	533	UD	80.0	533	ug/m3
106-99-0	1,3-Butadiene	50.0	111	UD	9.51	111	ug/m3
91-20-3	Naphthalene	50.0	262	UD	27.3	262	ug/m3
622-96-8	4-Ethyltoluene	50.0	246	UD	18.2	246	ug/m3
110-54-3	Hexane	50.0	176	UD	11.6	176	ug/m3
107-05-1	Allyl Chloride	50.0	157	UD	16.0	157	ug/m3
123-91-1	1,4-Dioxane	50.0	180	UD	44.0	180	ug/m3
80-62-6	Methyl Methacrylate	50.0	205	UD	8.19	205	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.2			65 - 135	102%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	1050000		5.68			
540-36-3	1,4-Difluorobenzene	2110000		7.21			
3114-55-4	Chlorobenzene-d5	2050000		12.15			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

QC SUMMARY

Surrogate Summary

SDG No.: K6068

Client: ATC Group Services LLC

Analytical Method: SWTO-15

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
K6068-01	SV-1	1-Bromo-4-Fluorobenzene	10	9.63	96	65	135
K6068-01DL	SV-1DL	1-Bromo-4-Fluorobenzene	10	9.87	99	65	135
K6068-01DL2	SV-1DL2	1-Bromo-4-Fluorobenzene	10	10.1	101	65	135
K6068-02	SV-2	1-Bromo-4-Fluorobenzene	10	9.84	98	65	135
K6068-02DL	SV-2DL	1-Bromo-4-Fluorobenzene	10	9.61	96	65	135
K6068-02DL2	SV-2DL2	1-Bromo-4-Fluorobenzene	10	9.99	100	65	135
K6068-03	SV-3	1-Bromo-4-Fluorobenzene	10	9.82	98	65	135
K6068-03DL	SV-3DL	1-Bromo-4-Fluorobenzene	10	9.95	100	65	135
K6068-03DL2	SV-3DL2	1-Bromo-4-Fluorobenzene	10	9.98	100	65	135
K6068-04	SV-4	1-Bromo-4-Fluorobenzene	10	10.4	104	65	135
K6068-04DL	SV-4DL	1-Bromo-4-Fluorobenzene	10	10.0	100	65	135
K6068-04DL2	SV-4DL2	1-Bromo-4-Fluorobenzene	10	10.2	102	65	135
K6097-05DUP	OA-1ADUP	1-Bromo-4-Fluorobenzene	10	10.3	103	65	135
VL1202ABL01	VL1202ABL01	1-Bromo-4-Fluorobenzene	10	10.1	101	65	135
VL1202ABS01	VL1202ABS01	1-Bromo-4-Fluorobenzene	10	9.09	91	65	135
VL1203ABL01	VL1203ABL01	1-Bromo-4-Fluorobenzene	10	10.2	102	65	135
VL1203ABS01	VL1203ABS01	1-Bromo-4-Fluorobenzene	10	9.70	97	65	135

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: K6068

Client: ATC Group Services LLC

Analytical Method: SWTO-15

Datafile : VL034423.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VL1202ABS01	Dichlorodifluoromethane	10	8.10	ppbv	81			70	130	
	Chloromethane	10	10.3	ppbv	103			70	130	
	Vinyl Chloride	10	10.2	ppbv	102			70	130	
	Bromomethane	10	10.7	ppbv	107			70	130	
	Chloroethane	10	10.8	ppbv	108			70	130	
	Tetrahydrofuran	10	10.6	ppbv	106			70	130	
	Trichlorofluoromethane	10	10.3	ppbv	103			70	130	
	1,1,2-Trichlorotrifluoroethane	10	10.3	ppbv	103			70	130	
	Dichlorotetrafluoroethane	10	10.1	ppbv	101			70	130	
	tert-Butyl Alcohol	10	8.80	ppbv	88			70	130	
	Heptane	10	10.6	ppbv	106			70	130	
	1,1-Dichloroethene	10	10.6	ppbv	106			70	130	
	Acetone	10	9.40	ppbv	94			70	130	
	Carbon disulfide	10	11.9	ppbv	119			70	130	
	Methyl tert-butyl Ether	10	10.6	ppbv	106			70	130	
	Methylene Chloride	10	9.50	ppbv	95			70	130	
	trans-1,2-Dichloroethene	10	10.9	ppbv	109			70	130	
	1,1-Dichloroethane	10	10.4	ppbv	104			70	130	
	Cyclohexane	10	10.8	ppbv	108			70	130	
	2-Butanone	10	10.3	ppbv	103			70	130	
	Carbon Tetrachloride	10	11.0	ppbv	110			70	130	
	cis-1,2-Dichloroethene	10	10.8	ppbv	108			70	130	
	Chloroform	10	10.4	ppbv	104			70	130	
	1,1,1-Trichloroethane	10	11.1	ppbv	111			70	130	
	2,2,4-Trimethylpentane	10	10.1	ppbv	101			70	130	
	Benzene	10	10.4	ppbv	104			70	130	
	1,2-Dichloroethane	10	10.4	ppbv	104			70	130	
	Trichloroethene	10	10.2	ppbv	102			70	130	
	1,2-Dichloropropane	10	11.3	ppbv	113			70	130	
	Bromodichloromethane	10	10.8	ppbv	108			70	130	
	4-Methyl-2-Pentanone	10	10.5	ppbv	105			70	130	
	Toluene	10	10.6	ppbv	106			70	130	
	t-1,3-Dichloropropene	10	11.7	ppbv	117			70	130	
	cis-1,3-Dichloropropene	10	11.6	ppbv	116			70	130	
	1,1,2-Trichloroethane	10	10.5	ppbv	105			70	130	
	Dibromochloromethane	10	11.4	ppbv	114			70	130	
	1,2-Dibromoethane	10	10.4	ppbv	104			70	130	
	Tetrachloroethene	10	9.30	ppbv	93			70	130	
	Chlorobenzene	10	9.10	ppbv	91			70	130	
	Ethyl Benzene	10	9.40	ppbv	94			70	130	
	m/p-Xylene	20	18.3	ppbv	92			70	130	
	o-Xylene	10	9.20	ppbv	92			70	130	
	Styrene	10	9.60	ppbv	96			70	130	
	Bromoform	10	11.5	ppbv	115			70	130	
	1,1,2,2-Tetrachloroethane	10	8.70	ppbv	87			70	130	
	2-Chlorotoluene	10	9.10	ppbv	91			70	130	
	1,3,5-Trimethylbenzene	10	9.10	ppbv	91			70	130	
	1,2,4-Trimethylbenzene	10	8.80	ppbv	88			70	130	
	1,3-Dichlorobenzene	10	8.80	ppbv	88			70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: K6068
Client: ATC Group Services LLC
Analytical Method: SWTO-15

Datafile : VL034423.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VL1202ABS01	1,4-Dichlorobenzene	10	9.20	ppbv	92			70	130	
	1,2-Dichlorobenzene	10	8.90	ppbv	89			70	130	
	1,2,4-Trichlorobenzene	10	8.90	ppbv	89			70	130	
	Hexachloro-1,3-butadiene	10	8.70	ppbv	87			70	130	
	Naphthalene	10	9.00	ppbv	90			70	130	
	1,3-Butadiene	10	10.5	ppbv	105			70	130	
	4-Ethyltoluene	10	9.30	ppbv	93			70	130	
	Hexane	10	10.1	ppbv	101			70	130	
	Allyl Chloride	10	11.0	ppbv	110			70	130	
	1,4-Dioxane	10	9.10	ppbv	91			70	130	
	Methyl methacrylate	10	10.9	ppbv	109			70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: K6068

Client: ATC Group Services LLC

Analytical Method: SWTO-15

Datafile : VL034455.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VL1203ABS01	Dichlorodifluoromethane	10	10.8	ppbv	108			70	130	
	Chloromethane	10	9.40	ppbv	94			70	130	
	Vinyl Chloride	10	9.30	ppbv	93			70	130	
	Bromomethane	10	9.70	ppbv	97			70	130	
	Chloroethane	10	9.60	ppbv	96			70	130	
	Tetrahydrofuran	10	9.40	ppbv	94			70	130	
	Trichlorofluoromethane	10	9.40	ppbv	94			70	130	
	1,1,2-Trichlorotrifluoroethane	10	9.50	ppbv	95			70	130	
	Dichlorotetrafluoroethane	10	9.10	ppbv	91			70	130	
	tert-Butyl Alcohol	10	8.90	ppbv	89			70	130	
	Heptane	10	9.30	ppbv	93			70	130	
	1,1-Dichloroethene	10	9.70	ppbv	97			70	130	
	Acetone	10	8.70	ppbv	87			70	130	
	Carbon disulfide	10	11.1	ppbv	111			70	130	
	Methyl tert-butyl Ether	10	9.80	ppbv	98			70	130	
	Methylene Chloride	10	8.90	ppbv	89			70	130	
	trans-1,2-Dichloroethene	10	9.80	ppbv	98			70	130	
	1,1-Dichloroethane	10	9.40	ppbv	94			70	130	
	Cyclohexane	10	9.50	ppbv	95			70	130	
	2-Butanone	10	9.20	ppbv	92			70	130	
	Carbon Tetrachloride	10	10.1	ppbv	101			70	130	
	cis-1,2-Dichloroethene	10	9.60	ppbv	96			70	130	
	Chloroform	10	9.30	ppbv	93			70	130	
	1,1,1-Trichloroethane	10	10.1	ppbv	101			70	130	
	2,2,4-Trimethylpentane	10	9.30	ppbv	93			70	130	
	Benzene	10	9.40	ppbv	94			70	130	
	1,2-Dichloroethane	10	9.60	ppbv	96			70	130	
	Trichloroethene	10	9.20	ppbv	92			70	130	
	1,2-Dichloropropane	10	10.2	ppbv	102			70	130	
	Bromodichloromethane	10	9.80	ppbv	98			70	130	
	4-Methyl-2-Pentanone	10	9.50	ppbv	95			70	130	
	Toluene	10	9.50	ppbv	95			70	130	
	t-1,3-Dichloropropene	10	10.9	ppbv	109			70	130	
	cis-1,3-Dichloropropene	10	10.5	ppbv	105			70	130	
	1,1,2-Trichloroethane	10	9.50	ppbv	95			70	130	
	Dibromochloromethane	10	10.3	ppbv	103			70	130	
	1,2-Dibromoethane	10	9.30	ppbv	93			70	130	
	Tetrachloroethene	10	8.20	ppbv	82			70	130	
	Chlorobenzene	10	8.60	ppbv	86			70	130	
	Ethyl Benzene	10	9.00	ppbv	90			70	130	
	m/p-Xylene	20	17.6	ppbv	88			70	130	
	o-Xylene	10	8.80	ppbv	88			70	130	
	Styrene	10	9.10	ppbv	91			70	130	
	Bromoform	10	10.4	ppbv	104			70	130	
	1,1,2,2-Tetrachloroethane	10	8.20	ppbv	82			70	130	
	2-Chlorotoluene	10	8.50	ppbv	85			70	130	
	1,3,5-Trimethylbenzene	10	8.60	ppbv	86			70	130	
	1,2,4-Trimethylbenzene	10	8.30	ppbv	83			70	130	
	1,3-Dichlorobenzene	10	8.30	ppbv	83			70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: K6068
Client: ATC Group Services LLC
Analytical Method: SWTO-15

Datafile : VL034455.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VL1203ABS01	1,4-Dichlorobenzene	10	8.60	ppbv	86			70	130	
	1,2-Dichlorobenzene	10	8.30	ppbv	83			70	130	
	1,2,4-Trichlorobenzene	10	8.10	ppbv	81			70	130	
	Hexachloro-1,3-butadiene	10	8.30	ppbv	83			70	130	
	Naphthalene	10	8.20	ppbv	82			70	130	
	1,3-Butadiene	10	9.50	ppbv	95			70	130	
	4-Ethyltoluene	10	8.80	ppbv	88			70	130	
	Hexane	10	9.00	ppbv	90			70	130	
	Allyl Chloride	10	10.2	ppbv	102			70	130	
	1,4-Dioxane	10	8.50	ppbv	85			70	130	
	Methyl methacrylate	10	9.80	ppbv	98			70	130	

Duplicate Sample Summary

Lab Sample Id :	K6097-05DUP	K6097-05
Client Id :	OA-1ADUP	OA-1A
DF :	1	1
Datafile :	VL034440.D	VL034439.D
Anal Date & Time :	12/02/2019 23:59	12/02/2019 23:18

Parameter	Result	Result	RPD
1,1,1-Trichloroethane	0	0	0
1,1,2,2-Tetrachloroethane	0	0	0
1,1,2-Trichloroethane	0	0	0
1,1,2-Trichlorotrifluoroethane	0	0	0
1,1-Dichloroethane	0	0	0
1,1-Dichloroethene	0	0	0
1,2,4-Trichlorobenzene	0	0	0
1,2,4-Trimethylbenzene	0	0	0
1,2-Dibromoethane	0	0	0
1,2-Dichlorobenzene	0	0	0
1,2-Dichloroethane	0	0	0
1,2-Dichloropropane	0	0	0
1,3,5-Trimethylbenzene	0	0	0
1,3-Butadiene	0	0	0
1,3-Dichlorobenzene	0	0	0
1,4-Dichlorobenzene	0	0	0
1,4-Dioxane	0	0	0
2,2,4-Trimethylpentane	0.11	0.11	0
2-Butanone	0	0	0
2-Chlorotoluene	0	0	0
4-Ethyltoluene	0	0	0
4-Methyl-2-Pentanone	0	0	0
Acetone	2	2	0
Allyl Chloride	0	0	0
Benzene	0.26	0.27	3.8
Bromodichloromethane	0	0	0
Bromoform	0	0	0
Bromomethane	0	0	0
Carbon Disulfide	0	0	0
Carbon Tetrachloride	0.09	0.08	11.8

Duplicate Sample Summary

Lab Sample Id :	K6097-05DUP	K6097-05
Client Id :	OA-1ADUP	OA-1A
DF :	1	1
Datafile :	VL034440.D	VL034439.D
Anal Date & Time :	12/02/2019 23:59	12/02/2019 23:18

Parameter	Result	Result	RPD
Chlorobenzene	0	0	0
Chloroethane	0	0	0
Chloroform	0	0	0
Chloromethane	0.46	0.48	4.3
cis-1,2-Dichloroethene	0	0	0
cis-1,3-Dichloropropene	0	0	0
Cyclohexane	0	0	0
Dibromochloromethane	0	0	0
Dichlorodifluoromethane	0.68	0.65	4.5
Dichlorotetrafluoroethane	0	0	0
Ethyl Benzene	0	0	0
Heptane	0	0	0
Hexachloro-1,3-Butadiene	0	0	0
Hexane	1.2	1.1	8.7
m/p-Xylene	0	0	0
Methyl Methacrylate	0	0	0
Methyl tert-Butyl Ether	0	0	0
Methylene Chloride	2.5	2.5	0
Naphthalene	0	0	0
o-Xylene	0	0	0
Styrene	0	0	0
t-1,3-Dichloropropene	0	0	0
tert-Butyl alcohol	0	0	0
Tetrachloroethene	0	0	0
Tetrahydrofuran	0	0	0
Toluene	1.2	1.2	0
trans-1,2-Dichloroethene	0	0	0
Trichloroethene	0	0	0
Trichlorofluoromethane	0.27	0.27	0
Vinyl Chloride	0	0	0

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VL1202ABL01

Lab Name: CHEMTECH

Contract: ATCE02

Lab Code: CHEM Case No.: K6068

SAS No.: K6068 SDG NO.: K6068

Lab File ID: VL034422.D

Lab Sample ID: VL1202ABL01

Date Analyzed: 12/02/2019

Time Analyzed: 11:45

GC Column: RTX-1 ID: 0.32 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_L

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VL1202ABS01	VL1202ABS01	VL034423.D	12/02/2019
SV-1	K6068-01	VL034424.D	12/02/2019
SV-1DL	K6068-01DL	VL034425.D	12/02/2019
SV-2	K6068-02	VL034426.D	12/02/2019
SV-2DL	K6068-02DL	VL034427.D	12/02/2019
SV-3	K6068-03	VL034431.D	12/02/2019
SV-3DL	K6068-03DL	VL034432.D	12/02/2019
SV-4	K6068-04	VL034434.D	12/02/2019
SV-4DL	K6068-04DL	VL034435.D	12/02/2019
SV-1DL2	K6068-01DL2	VL034438.D	12/02/2019
OA-1ADUP	K6097-05DUP	VL034440.D	12/02/2019

COMMENTS:

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VL1203ABL01

Lab Name: CHEMTECH

Contract: ATCE02

Lab Code: CHEM Case No.: K6068

SAS No.: K6068 SDG NO.: K6068

Lab File ID: VL034454.D

Lab Sample ID: VL1203ABL01

Date Analyzed: 12/03/2019

Time Analyzed: 10:58

GC Column: RTX-1 ID: 0.32 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_L

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VL1203ABS01	VL1203ABS01	VL034455.D	12/03/2019
SV-4DL2	K6068-04DL2	VL034456.D	12/03/2019
SV-3DL2	K6068-03DL2	VL034457.D	12/03/2019
SV-2DL2	K6068-02DL2	VL034460.D	12/03/2019

COMMENTS:

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: <u>CHEMTECH</u>	Contract: <u>ATCE02</u>
Lab Code: <u>CHEM</u> Case No.: <u>K6068</u>	SAS No.: <u>K6068</u> SDG NO.: <u>K6068</u>
Lab File ID: <u>VL034373.D</u>	BFB Injection Date: <u>11/19/2019</u>
Instrument ID: <u>MSVOA_L</u>	BFB Injection Time: <u>09:10</u>
GC Column: <u>RTX-1</u> ID: <u>0.32</u> (mm)	Heated Purge: Y/N <u>N</u>

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	27.2
75	30.0 - 66.0% of mass 95	61.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.6 (0.9) 1
174	50.0 - 120.0% of mass 95	65
175	4.0 - 9.0% of mass 174	4.6 (7.1) 1
176	93.0 - 101.0% of mass 174	62.6 (96.3) 1
177	5.0 - 9.0% of mass 176	4.7 (7.5) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICCC010	VSTDICCC010	VL034374.D	11/19/2019	09:49
VSTDICCC002	VSTDICCC002	VL034375.D	11/19/2019	10:30
VSTDICCC001	VSTDICCC001	VL034376.D	11/19/2019	11:08
VSTDICCC0.5	VSTDICCC0.5	VL034377.D	11/19/2019	11:46
VSTDICCC0.1	VSTDICCC0.1	VL034378.D	11/19/2019	12:23
VSTDICCC0.03	VSTDICCC0.03	VL034379.D	11/19/2019	13:01
VSTDICCC015	VSTDICCC015	VL034380.D	11/19/2019	13:42

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: <u>CHEMTECH</u>	Contract: <u>ATCE02</u>
Lab Code: <u>CHEM</u> Case No.: <u>K6068</u>	SAS No.: <u>K6068</u> SDG NO.: <u>K6068</u>
Lab File ID: <u>VL034420.D</u>	BFB Injection Date: <u>12/02/2019</u>
Instrument ID: <u>MSVOA_L</u>	BFB Injection Time: <u>08:46</u>
GC Column: <u>RTX-1</u> ID: <u>0.32</u> (mm)	Heated Purge: Y/N <u>N</u>

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	27.5
75	30.0 - 66.0% of mass 95	62.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.4 (0.6) 1
174	50.0 - 120.0% of mass 95	65.3
175	4.0 - 9.0% of mass 174	5 (7.6) 1
176	93.0 - 101.0% of mass 174	64.8 (99.2) 1
177	5.0 - 9.0% of mass 176	4 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC010	VSTDCCC010	VL034421.D	12/02/2019	09:25
VL1202ABL01	VL1202ABL01	VL034422.D	12/02/2019	11:45
VL1202ABS01	VL1202ABS01	VL034423.D	12/02/2019	12:23
SV-1	K6068-01	VL034424.D	12/02/2019	13:42
SV-1DL	K6068-01DL	VL034425.D	12/02/2019	14:20
SV-2	K6068-02	VL034426.D	12/02/2019	15:00
SV-2DL	K6068-02DL	VL034427.D	12/02/2019	15:38
SV-3	K6068-03	VL034431.D	12/02/2019	18:12
SV-3DL	K6068-03DL	VL034432.D	12/02/2019	18:50
SV-4	K6068-04	VL034434.D	12/02/2019	20:08
SV-4DL	K6068-04DL	VL034435.D	12/02/2019	20:45
SV-1DL2	K6068-01DL2	VL034438.D	12/02/2019	22:38
OA-1ADUP	K6097-05DUP	VL034440.D	12/02/2019	23:59

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name:	CHEMTECH		Contract:	ATCE02	
Lab Code:	CHEM	Case No.:	K6068	SAS No.:	K6068
				SDG NO.:	K6068
Lab File ID:	VL034452.D		BFB Injection Date:	12/03/2019	
Instrument ID:	MSVOA_L		BFB Injection Time:	09:37	
GC Column:	RTX-1	ID:	0.32	(mm)	
				Heated Purge:	Y/N
					N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	26.9
75	30.0 - 66.0% of mass 95	62.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (0.8) 1
174	50.0 - 120.0% of mass 95	63.9
175	4.0 - 9.0% of mass 174	4.9 (7.7) 1
176	93.0 - 101.0% of mass 174	62.8 (98.3) 1
177	5.0 - 9.0% of mass 176	4.4 (7.1) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC010	VSTDCCC010	VL034453.D	12/03/2019	10:15
VL1203ABL01	VL1203ABL01	VL034454.D	12/03/2019	10:58
VL1203ABS01	VL1203ABS01	VL034455.D	12/03/2019	11:36
SV-4DL2	K6068-04DL2	VL034456.D	12/03/2019	12:14
SV-3DL2	K6068-03DL2	VL034457.D	12/03/2019	12:52
SV-2DL2	K6068-02DL2	VL034460.D	12/03/2019	14:46

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: ATCE02
 Lab Code: CHEM Case No.: K6068 SAS No.: K6068 SDG NO.: K6068
 Lab File ID: VL034421.D Date Analyzed: 12/02/2019
 Instrument ID: MSVOA_L Time Analyzed: 09:25
 GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	935075	5.69	1882340	7.21	2000470	12.15
UPPER LIMIT	1309110	6.02	2635280	7.54	2800660	12.48
LOWER LIMIT	561045	5.36	1129410	6.88	1200280	11.82
EPA SAMPLE NO.						
SV-1	1066485	5.69	2135682	7.22	2248327	12.15
SV-1DL	1015292	5.69	2080730	7.21	2048190	12.15
SV-1DL2	756749	5.68	1513742	7.20	1488395	12.14
SV-2	1034480	5.70	2144119	7.26	2106004	12.18
SV-2DL	998284	5.69	2095232	7.22	2062866	12.16
SV-3	910414	5.69	1799461	7.23	1870516	12.16
SV-3DL	909623	5.69	1835481	7.21	1798541	12.15
SV-4	896715	5.69	1816589	7.23	1746869	12.16
SV-4DL	864272	5.69	1750717	7.21	1671280	12.15
OA-1ADUP	738429	5.69	1465174	7.21	1403519	12.15
VL1202ABL01	937386	5.68	1871721	7.21	1847131	12.14
VL1202ABS01	990876	5.69	2036188	7.22	2309076	12.15

IS1 = Bromochloromethane
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +40% of internal standard area
 AREA LOWER LIMIT = -40% of internal standard area
 RT UPPER LIMIT = +0.33 minutes of internal standard RT
 RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: ATCE02
 Lab Code: CHEM Case No.: K6068 SAS No.: K6068 SDG NO.: K6068
 Lab File ID: VL034453.D Date Analyzed: 12/03/2019
 Instrument ID: MSVOA_L Time Analyzed: 10:15
 GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	958137	5.69	1923420	7.21	2069980	12.15
UPPER LIMIT	1341390	6.02	2692790	7.54	2897980	12.48
LOWER LIMIT	574882	5.36	1154050	6.88	1241990	11.82
EPA SAMPLE NO.						
SV-2DL2	975869	5.69	1896091	7.21	1898348	12.15
SV-3DL2	1010793	5.69	1991393	7.21	1985708	12.15
SV-4DL2	1048003	5.68	2107638	7.21	2047075	12.15
VL1203ABL01	1033946	5.68	2025168	7.20	2002722	12.15
VL1203ABS01	954865	5.69	1931093	7.21	2090659	12.15

IS1 = Bromochloromethane
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +40% of internal standard area
 AREA LOWER LIMIT = -40% of internal standard area
 RT UPPER LIMIT = +0.33 minutes of internal standard RT
 RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

QC SAMPLE DATA

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	
Client Sample ID:	VL1202ABL01	SDG No.:	K6068
Lab Sample ID:	VL1202ABL01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034422.D	1		12/02/19 11:45	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	2.47	U	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.50	1.03	U	0.080	1.03	ug/m3
75-01-4	Vinyl Chloride	0.030	0.080	U	0.050	0.080	ug/m3
74-83-9	Bromomethane	0.50	1.94	U	0.16	1.94	ug/m3
75-00-3	Chloroethane	0.50	1.32	U	0.11	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.50	1.47	U	0.12	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.50	2.81	U	0.28	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	3.83	U	0.38	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.50	3.49	U	0.21	3.49	ug/m3
75-65-0	tert-Butyl alcohol	0.50	1.52	U	0.33	1.52	ug/m3
142-82-5	Heptane	0.50	2.05	U	0.16	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.50	1.98	U	0.20	1.98	ug/m3
67-64-1	Acetone	0.22	0.52	J	0.14	1.19	ug/m3
75-15-0	Carbon Disulfide	0.50	1.56	U	0.19	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.50	1.80	U	0.14	1.80	ug/m3
75-09-2	Methylene Chloride	0.20	0.69	J	0.42	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.50	1.98	U	0.24	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.50	2.02	U	0.16	2.02	ug/m3
110-82-7	Cyclohexane	0.50	1.72	U	0.34	1.72	ug/m3
78-93-3	2-Butanone	0.50	1.47	U	0.12	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.030	0.19	U	0.13	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.50	1.98	U	0.20	1.98	ug/m3
67-66-3	Chloroform	0.50	2.44	U	0.10	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.030	0.16	U	0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.50	2.34	U	0.14	2.34	ug/m3
71-43-2	Benzene	0.50	1.60	U	0.13	1.60	ug/m3
107-06-2	1,2-Dichloroethane	0.50	2.02	U	0.12	2.02	ug/m3
79-01-6	Trichloroethene	0.030	0.16	U	0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.50	2.31	U	0.14	2.31	ug/m3
75-27-4	Bromodichloromethane	0.50	3.35	U	0.27	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.50	2.05	U	0.040	2.05	ug/m3
108-88-3	Toluene	0.50	1.88	U	0.11	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.50	2.27	U	0.14	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.50	2.27	U	0.14	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.50	2.73	U	0.22	2.73	ug/m3
124-48-1	Dibromochloromethane	0.50	4.26	U	0.34	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.50	3.84	U	0.31	3.84	ug/m3
127-18-4	Tetrachloroethene	0.030	0.20	U	0.070	0.20	ug/m3

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	
Client Sample ID:	VL1202ABL01	SDG No.:	K6068
Lab Sample ID:	VL1202ABL01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034422.D	1		12/02/19 11:45	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.50	2.30	U	0.090	2.30	ug/m3
100-41-4	Ethyl Benzene	0.50	2.17	U	0.17	2.17	ug/m3
179601-23-1	m/p-Xylene	1.00	4.34	U	0.43	4.34	ug/m3
95-47-6	o-Xylene	0.50	2.17	U	0.22	2.17	ug/m3
100-42-5	Styrene	0.50	2.13	U	0.17	2.13	ug/m3
75-25-2	Bromoform	0.50	5.17	U	0.41	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.030	0.21	U	0.14	0.21	ug/m3
95-49-8	2-Chlorotoluene	0.50	2.59	U	0.21	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.50	2.46	U	0.20	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.50	2.46	U	0.25	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.50	3.01	U	0.18	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.50	3.01	U	0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.50	3.01	U	0.18	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.50	3.71	U	0.52	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.50	5.33	U	0.75	5.33	ug/m3
106-99-0	1,3-Butadiene	0.50	1.11	U	0.090	1.11	ug/m3
91-20-3	Naphthalene	0.50	2.62	U	0.26	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.50	2.46	U	0.20	2.46	ug/m3
110-54-3	Hexane	0.50	1.76	U	0.11	1.76	ug/m3
107-05-1	Allyl Chloride	0.50	1.57	U	0.16	1.57	ug/m3
123-91-1	1,4-Dioxane	0.50	1.80	U	0.43	1.80	ug/m3
80-62-6	Methyl Methacrylate	0.50	2.05	U	0.080	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.1			65 - 135	101%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	937000		5.68			
540-36-3	1,4-Difluorobenzene	1870000		7.21			
3114-55-4	Chlorobenzene-d5	1850000		12.14			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	
Client Sample ID:	VL1203ABL01	SDG No.:	K6068
Lab Sample ID:	VL1203ABL01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034454.D	1		12/03/19 10:58	VL120319

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	2.47	U	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.50	1.03	U	0.080	1.03	ug/m3
75-01-4	Vinyl Chloride	0.030	0.080	U	0.050	0.080	ug/m3
74-83-9	Bromomethane	0.50	1.94	U	0.16	1.94	ug/m3
75-00-3	Chloroethane	0.50	1.32	U	0.11	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.50	1.47	U	0.12	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.50	2.81	U	0.28	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	3.83	U	0.38	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.50	3.49	U	0.21	3.49	ug/m3
75-65-0	tert-Butyl alcohol	0.50	1.52	U	0.33	1.52	ug/m3
142-82-5	Heptane	0.50	2.05	U	0.16	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.50	1.98	U	0.20	1.98	ug/m3
67-64-1	Acetone	0.17	0.40	J	0.14	1.19	ug/m3
75-15-0	Carbon Disulfide	0.50	1.56	U	0.19	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.50	1.80	U	0.14	1.80	ug/m3
75-09-2	Methylene Chloride	0.18	0.63	J	0.42	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.50	1.98	U	0.24	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.50	2.02	U	0.16	2.02	ug/m3
110-82-7	Cyclohexane	0.50	1.72	U	0.34	1.72	ug/m3
78-93-3	2-Butanone	0.50	1.47	U	0.12	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.030	0.19	U	0.13	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.50	1.98	U	0.20	1.98	ug/m3
67-66-3	Chloroform	0.50	2.44	U	0.10	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.030	0.16	U	0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.50	2.34	U	0.14	2.34	ug/m3
71-43-2	Benzene	0.50	1.60	U	0.13	1.60	ug/m3
107-06-2	1,2-Dichloroethane	0.50	2.02	U	0.12	2.02	ug/m3
79-01-6	Trichloroethene	0.030	0.16	U	0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.50	2.31	U	0.14	2.31	ug/m3
75-27-4	Bromodichloromethane	0.50	3.35	U	0.27	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.50	2.05	U	0.040	2.05	ug/m3
108-88-3	Toluene	0.50	1.88	U	0.11	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.50	2.27	U	0.14	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.50	2.27	U	0.14	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.50	2.73	U	0.22	2.73	ug/m3
124-48-1	Dibromochloromethane	0.50	4.26	U	0.34	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.50	3.84	U	0.31	3.84	ug/m3
127-18-4	Tetrachloroethene	0.030	0.20	U	0.070	0.20	ug/m3

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	
Client Sample ID:	VL1203ABL01	SDG No.:	K6068
Lab Sample ID:	VL1203ABL01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034454.D	1		12/03/19 10:58	VL120319

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.50	2.30	U	0.090	2.30	ug/m3
100-41-4	Ethyl Benzene	0.50	2.17	U	0.17	2.17	ug/m3
179601-23-1	m/p-Xylene	1.00	4.34	U	0.43	4.34	ug/m3
95-47-6	o-Xylene	0.50	2.17	U	0.22	2.17	ug/m3
100-42-5	Styrene	0.50	2.13	U	0.17	2.13	ug/m3
75-25-2	Bromoform	0.50	5.17	U	0.41	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.030	0.21	U	0.14	0.21	ug/m3
95-49-8	2-Chlorotoluene	0.50	2.59	U	0.21	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.50	2.46	U	0.20	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.50	2.46	U	0.25	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.50	3.01	U	0.18	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.50	3.01	U	0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.50	3.01	U	0.18	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.50	3.71	U	0.52	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.50	5.33	U	0.75	5.33	ug/m3
106-99-0	1,3-Butadiene	0.50	1.11	U	0.090	1.11	ug/m3
91-20-3	Naphthalene	0.50	2.62	U	0.26	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.50	2.46	U	0.20	2.46	ug/m3
110-54-3	Hexane	0.50	1.76	U	0.11	1.76	ug/m3
107-05-1	Allyl Chloride	0.50	1.57	U	0.16	1.57	ug/m3
123-91-1	1,4-Dioxane	0.50	1.80	U	0.43	1.80	ug/m3
80-62-6	Methyl Methacrylate	0.50	2.05	U	0.080	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	10.2			65 - 135	102%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	1030000		5.68			
540-36-3	1,4-Difluorobenzene	2030000		7.2			
3114-55-4	Chlorobenzene-d5	2000000		12.15			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	
Client Sample ID:	VL1202ABS01	SDG No.:	K6068
Lab Sample ID:	VL1202ABS01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034423.D	1		12/02/19 12:23	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	8.10	40.0		0.49	2.47	ug/m3
74-87-3	Chloromethane	10.3	21.3		0.080	1.03	ug/m3
75-01-4	Vinyl Chloride	10.2	26.1		0.050	0.080	ug/m3
74-83-9	Bromomethane	10.7	41.5		0.16	1.94	ug/m3
75-00-3	Chloroethane	10.8	28.5		0.11	1.32	ug/m3
109-99-9	Tetrahydrofuran	10.6	31.3		0.12	1.47	ug/m3
75-69-4	Trichlorofluoromethane	10.3	57.9		0.28	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	10.3	79.0		0.38	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	10.1	70.6		0.21	3.49	ug/m3
75-65-0	tert-Butyl alcohol	8.80	26.7		0.33	1.52	ug/m3
142-82-5	Heptane	10.6	43.4		0.16	2.05	ug/m3
75-35-4	1,1-Dichloroethene	10.6	42.0		0.20	1.98	ug/m3
67-64-1	Acetone	9.40	22.3		0.14	1.19	ug/m3
75-15-0	Carbon Disulfide	11.9	37.1		0.19	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	10.6	38.2		0.14	1.80	ug/m3
75-09-2	Methylene Chloride	9.50	33.0		0.42	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	10.9	43.2		0.24	1.98	ug/m3
75-34-3	1,1-Dichloroethane	10.4	42.1		0.16	2.02	ug/m3
110-82-7	Cyclohexane	10.8	37.2		0.34	1.72	ug/m3
78-93-3	2-Butanone	10.3	30.4		0.12	1.47	ug/m3
56-23-5	Carbon Tetrachloride	11.0	69.2		0.13	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	10.8	42.8		0.20	1.98	ug/m3
67-66-3	Chloroform	10.4	50.8		0.10	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	11.1	60.6		0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	10.1	47.2		0.14	2.34	ug/m3
71-43-2	Benzene	10.4	33.2		0.13	1.60	ug/m3
107-06-2	1,2-Dichloroethane	10.4	42.1		0.12	2.02	ug/m3
79-01-6	Trichloroethene	10.2	54.8		0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	11.3	52.2		0.14	2.31	ug/m3
75-27-4	Bromodichloromethane	10.8	72.3		0.27	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	10.5	43.0		0.040	2.05	ug/m3
108-88-3	Toluene	10.6	40.0		0.11	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	11.7	53.1		0.14	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	11.6	52.7		0.14	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	10.5	57.3		0.22	2.73	ug/m3
124-48-1	Dibromochloromethane	11.4	97.1		0.34	4.26	ug/m3
106-93-4	1,2-Dibromoethane	10.4	79.9		0.31	3.84	ug/m3
127-18-4	Tetrachloroethene	9.30	63.1		0.070	0.20	ug/m3

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	
Client Sample ID:	VL1202ABS01	SDG No.:	K6068
Lab Sample ID:	VL1202ABS01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034423.D	1		12/02/19 12:23	VL120219

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	9.10	41.9		0.090	2.30	ug/m3
100-41-4	Ethyl Benzene	9.40	40.8		0.17	2.17	ug/m3
179601-23-1	m/p-Xylene	18.3	79.5		0.43	4.34	ug/m3
95-47-6	o-Xylene	9.20	40.0		0.22	2.17	ug/m3
100-42-5	Styrene	9.60	40.9		0.17	2.13	ug/m3
75-25-2	Bromoform	11.5	119		0.41	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	8.70	59.7		0.14	0.21	ug/m3
95-49-8	2-Chlorotoluene	9.10	47.1		0.21	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	9.10	44.7		0.20	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	8.80	43.3		0.25	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	8.80	52.9		0.18	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	9.20	55.3		0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	8.90	53.5		0.18	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	8.90	66.1		0.52	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	8.70	92.8		0.75	5.33	ug/m3
106-99-0	1,3-Butadiene	10.5	23.2		0.090	1.11	ug/m3
91-20-3	Naphthalene	9.00	47.2		0.26	2.62	ug/m3
622-96-8	4-Ethyltoluene	9.30	45.7		0.20	2.46	ug/m3
110-54-3	Hexane	10.1	35.6		0.11	1.76	ug/m3
107-05-1	Allyl Chloride	11.0	34.4		0.16	1.57	ug/m3
123-91-1	1,4-Dioxane	9.10	32.8		0.43	1.80	ug/m3
80-62-6	Methyl Methacrylate	10.9	44.6		0.080	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.10			65 - 135	91%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	991000		5.69			
540-36-3	1,4-Difluorobenzene	2040000		7.22			
3114-55-4	Chlorobenzene-d5	2310000		12.15			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	
Client Sample ID:	VL1203ABS01	SDG No.:	K6068
Lab Sample ID:	VL1203ABS01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034455.D	1		12/03/19 11:36	VL120319

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	10.8	53.4		0.49	2.47	ug/m3
74-87-3	Chloromethane	9.40	19.4		0.080	1.03	ug/m3
75-01-4	Vinyl Chloride	9.30	23.8		0.050	0.080	ug/m3
74-83-9	Bromomethane	9.70	37.7		0.16	1.94	ug/m3
75-00-3	Chloroethane	9.60	25.3		0.11	1.32	ug/m3
109-99-9	Tetrahydrofuran	9.40	27.7		0.12	1.47	ug/m3
75-69-4	Trichlorofluoromethane	9.40	52.8		0.28	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	9.50	72.8		0.38	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	9.10	63.6		0.21	3.49	ug/m3
75-65-0	tert-Butyl alcohol	8.90	27.0		0.33	1.52	ug/m3
142-82-5	Heptane	9.30	38.1		0.16	2.05	ug/m3
75-35-4	1,1-Dichloroethene	9.70	38.5		0.20	1.98	ug/m3
67-64-1	Acetone	8.70	20.7		0.14	1.19	ug/m3
75-15-0	Carbon Disulfide	11.1	34.6		0.19	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	9.80	35.3		0.14	1.80	ug/m3
75-09-2	Methylene Chloride	8.90	30.9		0.42	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	9.80	38.9		0.24	1.98	ug/m3
75-34-3	1,1-Dichloroethane	9.40	38.0		0.16	2.02	ug/m3
110-82-7	Cyclohexane	9.50	32.7		0.34	1.72	ug/m3
78-93-3	2-Butanone	9.20	27.1		0.12	1.47	ug/m3
56-23-5	Carbon Tetrachloride	10.1	63.5		0.13	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	9.60	38.1		0.20	1.98	ug/m3
67-66-3	Chloroform	9.30	45.4		0.10	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	10.1	55.1		0.050	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	9.30	43.4		0.14	2.34	ug/m3
71-43-2	Benzene	9.40	30.0		0.13	1.60	ug/m3
107-06-2	1,2-Dichloroethane	9.60	38.9		0.12	2.02	ug/m3
79-01-6	Trichloroethene	9.20	49.4		0.11	0.16	ug/m3
78-87-5	1,2-Dichloropropane	10.2	47.1		0.14	2.31	ug/m3
75-27-4	Bromodichloromethane	9.80	65.7		0.27	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	9.50	38.9		0.040	2.05	ug/m3
108-88-3	Toluene	9.50	35.8		0.11	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	10.9	49.5		0.14	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	10.5	47.7		0.14	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	9.50	51.8		0.22	2.73	ug/m3
124-48-1	Dibromochloromethane	10.3	87.8		0.34	4.26	ug/m3
106-93-4	1,2-Dibromoethane	9.30	71.5		0.31	3.84	ug/m3
127-18-4	Tetrachloroethene	8.20	55.6		0.070	0.20	ug/m3

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	101-21 101st Street, Ozone Park, NY	Date Received:	
Client Sample ID:	VL1203ABS01	SDG No.:	K6068
Lab Sample ID:	VL1203ABS01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL034455.D	1		12/03/19 11:36	VL120319

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	8.60	39.6		0.090	2.30	ug/m3
100-41-4	Ethyl Benzene	9.00	39.1		0.17	2.17	ug/m3
179601-23-1	m/p-Xylene	17.6	76.5		0.43	4.34	ug/m3
95-47-6	o-Xylene	8.80	38.2		0.22	2.17	ug/m3
100-42-5	Styrene	9.10	38.7		0.17	2.13	ug/m3
75-25-2	Bromoform	10.4	108		0.41	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	8.20	56.3		0.14	0.21	ug/m3
95-49-8	2-Chlorotoluene	8.50	44.0		0.21	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	8.60	42.3		0.20	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	8.30	40.8		0.25	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	8.30	49.9		0.18	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	8.60	51.7		0.30	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	8.30	49.9		0.18	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	8.10	60.1		0.52	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	8.30	88.5		0.75	5.33	ug/m3
106-99-0	1,3-Butadiene	9.50	21.0		0.090	1.11	ug/m3
91-20-3	Naphthalene	8.20	43.0		0.26	2.62	ug/m3
622-96-8	4-Ethyltoluene	8.80	43.3		0.20	2.46	ug/m3
110-54-3	Hexane	9.00	31.7		0.11	1.76	ug/m3
107-05-1	Allyl Chloride	10.2	31.9		0.16	1.57	ug/m3
123-91-1	1,4-Dioxane	8.50	30.6		0.43	1.80	ug/m3
80-62-6	Methyl Methacrylate	9.80	40.1		0.080	2.05	ug/m3
SURROGATES							
460-00-4	1-Bromo-4-Fluorobenzene	9.70			65 - 135	97%	SPK: 10
INTERNAL STANDARDS							
74-97-5	Bromochloromethane	955000		5.69			
540-36-3	1,4-Difluorobenzene	1930000		7.21			
3114-55-4	Chlorobenzene-d5	2090000		12.15			

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N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

CALIBRATION SUMMARY

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\

Method File : VL111919AIR.M

Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019

Last Update : Tue Nov 19 14:15:35 2019

Response Via : Initial Calibration

Calibration Files

0.03=VL034379.D 0.1 =VL034378.D 0.5 =VL034377.D 1 =VL034376.D 2 =VL034375.D 10 =VL034374.D 15 =VL034380.D

Compound	0.03	0.1	0.5	1	2	10	15	Avg	%RSD
-----ISTD-----									
1) I Bromochloromethane									
2) T Dichlorodifluo...			2.442	2.186	1.506	1.745	1.167	1.809	28.33
3) Chlorodifluoro...			1.315	1.384	1.345	1.114	1.080	1.248	11.22
4) Chloromethane			0.798	0.819	0.756	0.651	0.656	0.736	10.69
5) T Vinyl Chloride	0.703	0.768	0.686	0.734	0.711	0.614	0.612	0.690	8.47
6) T Bromomethane			0.379	0.346	0.356	0.329	0.326	0.347	6.22
7) Chloroethane			0.245	0.286	0.267	0.226	0.228	0.250	10.31
8) T Dichlorotetra...			1.788	1.813	1.758	1.436	1.327	1.625	13.90
9) T Propene			0.611	0.589	0.573	0.494	0.502	0.554	9.52
10) T Heptane			1.474	1.545	1.491	1.312	1.325	1.430	7.31
11) T Trichlorofluor...			1.985	1.999	1.913	1.583	1.522	1.800	12.77
12) T 1,1,2-Trichlor...			1.349	1.287	1.242	1.052	1.048	1.196	11.55
13) Ethanol			0.151	0.214	0.182	0.117	0.108	0.154	28.94
14) T Bromoethene			0.515	0.485	0.528	0.456	0.447	0.486	7.33
15) T Acetone			1.689	1.614	1.543	1.158	1.155	1.432	17.90
16) T 1,3-Butadiene			0.663	0.651	0.645	0.583	0.576	0.624	6.54
17) tert-Butyl alc...			1.255	1.324	1.249	1.146	1.046	1.204	9.04
18) T 1,1-Dichloroet...			0.564	0.550	0.557	0.476	0.468	0.523	9.00
19) T Isopropyl Alcohol			1.214	0.574	1.045	0.919	0.837	0.918	26.04
20) T Methylene Chlo...			0.595	0.554	0.543	0.423	0.424	0.508	15.65
21) T Allyl Chloride			0.857	0.894	0.905	0.813	0.822	0.858	4.82
22) T trans-1,2-Dich...			0.573	0.535	0.549	0.489	0.491	0.527	7.00
23) T Vinyl Acetate			1.856	1.966	2.007	1.749	1.776	1.871	6.08
24) T 1,1-Dichloroet...			1.571	1.526	1.532	1.288	1.267	1.437	10.20
25) T Ethyl Acetate			2.773	2.767	2.744	2.273	2.219	2.555	11.08
26) T Hexane			1.171	1.171	1.210	0.976	0.962	1.098	10.83
27) T Carbon Disulfide			1.064	1.162	1.282	1.249	1.222	1.196	7.18
28) T Methyl tert-Bu...			1.881	1.933	1.962	1.712	1.616	1.821	8.24
29) T Chloroform			1.959	1.896	1.865	1.613	1.558	1.778	10.13
30) T Cyclohexane			0.818	0.850	0.875	0.803	0.804	0.830	3.78
31) T cis-1,2-Dichlo...			1.165	1.161	1.196	1.080	1.071	1.135	4.89
32) T 1,1,1-Trichlor...	1.426	1.835	1.648	1.788	1.797	1.618	1.557	1.667	8.92
-----ISTD-----									
33) I 1,4-Difluorobenzene									
34) T 2-Butanone			0.871	0.892	0.879	0.740	0.734	0.823	9.60
35) T Carbon Tetrach...	0.852	0.872	0.872	0.910	0.918	0.816	0.778	0.860	5.81
36) T Benzene			0.997	1.081	1.094	0.925	0.901	1.000	8.77
37) T 1,2-Dichloroet...			0.790	0.809	0.785	0.677	0.652	0.743	9.75
38) T Trichloroethene	0.481	0.435	0.409	0.407	0.414	0.369	0.356	0.410	10.12
39) T 1,2-Dichloropr...			0.450	0.257	0.449	0.388	0.381	0.385	20.40

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\
 Method File : VL111919AIR.M

40)	T	1,4-Dioxane			0.173	0.207	0.176	0.150	0.135	0.168	16.45
41)	T	Tetrahydrofuran			0.470	0.485	0.492	0.427	0.434	0.462	6.40
42)	T	Bromodichlorom...			0.932	0.993	0.998	0.879	0.841	0.929	7.42
43)		Methyl Methacr...			0.420	0.432	0.430	0.393	0.399	0.415	4.31
44)	T	2,2,4-Trimethy...			1.894	2.065	1.998	1.631	1.547	1.827	12.46
45)	T	t-1,3-Dichloro...			0.466	0.510	0.565	0.562	0.556	0.532	8.12
46)	T	cis-1,3-Dichlo...			0.537	0.586	0.646	0.619	0.599	0.597	6.80
47)	T	1,1,2-Trichlor...			0.450	0.447	0.461	0.397	0.387	0.428	7.80
48)	T	Dibromochlorom...			0.685	0.766	0.795	0.730	0.702	0.736	6.13
49)	T	Bromoform			0.604	0.658	0.718	0.663	0.641	0.657	6.30
50)	T	4-Methyl-2-Pen...			1.216	1.293	1.276	1.097	1.073	1.191	8.49
51)	T	2-Hexanone			0.961	1.068	1.089	0.928	0.941	0.998	7.55
52)	T	Tetrachloroethene	0.533	0.530	0.440	0.409	0.409	0.359	0.347	0.433	17.28
53)	T	Toluene			1.110	1.224	1.213	1.083	1.048	1.135	6.96
54)	T	1,2-Dibromoethane			0.676	0.712	0.690	0.612	0.594	0.657	7.78

55)	I	Chlorobenzene-d5			-----ISTD-----						
56)		1,1,1,2-Tetrac...			0.501	0.532	0.514	0.457	0.442	0.489	7.82
57)	T	Chlorobenzene			1.015	1.009	0.945	0.789	0.762	0.904	13.36
58)	T	Ethyl Benzene			1.605	1.671	1.695	1.422	1.367	1.552	9.59
59)	T	m/p-Xylene			1.432	1.512	1.453	1.200	1.111	1.341	13.07
60)	T	o-Xylene			1.443	1.466	1.419	1.176	1.127	1.326	12.17
61)	T	Styrene			0.948	1.023	1.050	0.893	0.868	0.956	8.26
62)		Isopropylbenzene			1.879	1.940	1.930	1.552	1.470	1.754	12.83
63)	T	1,1,2,2-Tetrac...	1.014	1.199	1.056	1.050	1.030	0.826	0.805	0.997	13.86
64)		n-propylbenzene			0.493	0.486	0.490	0.406	0.402	0.456	10.32
65)		tert-Butylbenzene			1.662	1.761	1.772	1.369	1.313	1.576	13.91
66)	T	Benzyl Chloride			0.507	0.529	0.637	0.667	0.692	0.606	13.78
67)		sec-Butylbenzene			2.421	2.460	2.470	1.891	1.778	2.204	15.44
68)	S	1-Bromo-4-Fluo...	0.849	0.855	0.855	0.836	0.812	0.837	0.844	0.841	1.80
69)		p-Isopropyltol...			1.921	2.068	2.070	1.584	1.503	1.829	14.72
70)		n-Butylbenzene			2.060	2.285	2.219	1.677	1.600	1.968	15.90
71)		2-Chlorotoluene			1.461	1.576	1.537	1.229	1.190	1.399	12.72
72)	T	4-Ethyltoluene			1.604	1.710	1.670	1.364	1.314	1.533	11.83
73)	T	1,3,5-Trimethy...			1.608	1.682	1.627	1.319	1.265	1.500	12.86
74)	T	1,2,4-Trimethy...			1.760	1.832	1.755	1.341	1.279	1.593	16.41
75)	T	1,3-Dichlorobe...			1.056	1.019	0.982	0.767	0.756	0.916	15.69
76)	T	1,4-Dichlorobe...			0.977	0.988	0.950	0.769	0.763	0.889	12.76
77)	T	1,2-Dichlorobe...			0.969	0.990	0.981	0.748	0.736	0.885	14.79
78)	T	Hexachloro-1,3...			0.839	0.836	0.845	0.624	0.656	0.760	14.48
79)	T	Naphthalene			1.402	1.521	1.591	1.197	1.195	1.381	13.19
80)	T	Naphthalene,2-...			0.461	0.522	0.750	0.666	0.720	0.624	20.28
81)	T	1,2,4-Trichlor...			0.896	0.938	0.969	0.718	0.722	0.849	14.16

 (#) = Out of Range

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ATCE02
 Lab Code: CHEM Case No.: K6068 SAS No.: K6068 SDG No.: K6068
 Instrument ID: MSVOA_L Calibration Date/Time: 12/02/2019 09:25
 Lab File ID: VL034421.D Init. Calib. Date(s): 11/19/2019 11/19/2019
 Heated Purge: (Y/N) N Init. Calib. Time(s): 09:49 13:42
 GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.809	2.094		15.76	30
Chloromethane	0.736	0.746		1.36	30
Vinyl Chloride	0.690	0.690		0	30
Bromomethane	0.347	0.364		4.9	30
Chloroethane	0.250	0.257		2.8	30
Tetrahydrofuran	0.462	0.476		3.03	30
Trichlorofluoromethane	1.800	1.801		0.06	30
1,1,2-Trichlorotrifluoroethane	1.196	1.219		1.92	30
Dichlorotetrafluoroethane	1.625	1.595		-1.85	30
tert-Butyl alcohol	1.204	1.008		-16.28	30
Heptane	1.430	1.432		0.14	30
1,1-Dichloroethene	0.523	0.547		4.59	30
Acetone	1.432	1.334		-6.84	30
Carbon Disulfide	1.196	1.431		19.65	30
Methyl tert-Butyl Ether	1.821	1.867		2.53	30
Methylene Chloride	0.508	0.470		-7.48	30
trans-1,2-Dichloroethene	0.527	0.561		6.45	30
1,1-Dichloroethane	1.437	1.451		0.97	30
Cyclohexane	0.830	0.876		5.54	30
2-Butanone	0.823	0.832		1.09	30
Carbon Tetrachloride	0.860	0.942		9.53	30
cis-1,2-Dichloroethene	1.135	1.172		3.26	30
Chloroform	1.778	1.768		-0.56	30
1,1,1-Trichloroethane	1.667	1.804		8.22	30
2,2,4-Trimethylpentane	1.827	1.829		0.11	30
Benzene	1.000	1.021		2.1	30
1,2-Dichloroethane	0.743	0.759		2.15	30
Trichloroethene	0.410	0.412		0.49	30
1,2-Dichloropropane	0.424	0.428		0.94	30
Bromodichloromethane	0.929	0.986		6.14	30
4-Methyl-2-Pentanone	1.191	1.225		2.86	30
Toluene	1.135	1.193		5.11	30
t-1,3-Dichloropropene	0.532	0.621		16.73	30
cis-1,3-Dichloropropene	0.597	0.694		16.25	30
1,1,2-Trichloroethane	0.428	0.440		2.8	30
Dibromochloromethane	0.736	0.829		12.64	30
1,2-Dibromoethane	0.657	0.670		1.98	30
Tetrachloroethene	0.433	0.394		-9.01	30
Chlorobenzene	0.904	0.864		-4.43	30

All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ATCE02
 Lab Code: CHEM Case No.: K6068 SAS No.: K6068 SDG No.: K6068
 Instrument ID: MSVOA_L Calibration Date/Time: 12/02/2019 09:25
 Lab File ID: VL034421.D Init. Calib. Date(s): 11/19/2019 11/19/2019
 Heated Purge: (Y/N) N Init. Calib. Time(s): 09:49 13:42
 GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Ethyl Benzene	1.552	1.551		-0.06	30
m/p-Xylene	1.341	1.293		-3.58	30
o-Xylene	1.326	1.292		-2.56	30
Styrene	0.956	0.969		1.36	30
Bromoform	0.657	0.747		13.7	30
1,1,2,2-Tetrachloroethane	0.997	0.910		-8.73	30
2-Chlorotoluene	1.399	1.346		-3.79	30
1,3,5-Trimethylbenzene	1.500	1.437		-4.2	30
1,2,4-Trimethylbenzene	1.593	1.486		-6.72	30
1,3-Dichlorobenzene	0.916	0.851		-7.1	30
1,4-Dichlorobenzene	0.889	0.854		-3.94	30
1,2-Dichlorobenzene	0.885	0.819		-7.46	30
1,2,4-Trichlorobenzene	0.849	0.786		-7.42	30
Hexachloro-1,3-Butadiene	0.760	0.744		-2.11	30
1,3-Butadiene	0.624	0.648		3.85	30
Naphthalene	1.381	1.297		-6.08	30
4-Ethyltoluene	1.533	1.498		-2.28	30
1-Bromo-4-Fluorobenzene	0.841	0.837		-0.48	30
Hexane	1.098	1.068		-2.73	30
Allyl Chloride	0.858	0.936		9.09	30
1,4-Dioxane	168.231	147.796		-12.15	30
Methyl Methacrylate	0.415	0.441		6.26	30

All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ATCE02
 Lab Code: CHEM Case No.: K6068 SAS No.: K6068 SDG No.: K6068
 Instrument ID: MSVOA_L Calibration Date/Time: 12/03/2019 10:15
 Lab File ID: VL034453.D Init. Calib. Date(s): 11/19/2019 11/19/2019
 Heated Purge: (Y/N) N Init. Calib. Time(s): 09:49 13:42
 GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.809	1.946		7.57	30
Chloromethane	0.736	0.692		-5.98	30
Vinyl Chloride	0.690	0.642		-6.96	30
Bromomethane	0.347	0.336		-3.17	30
Chloroethane	0.250	0.235		-6	30
Tetrahydrofuran	0.462	0.432		-6.49	30
Trichlorofluoromethane	1.800	1.712		-4.89	30
1,1,2-Trichlorotrifluoroethane	1.196	1.159		-3.09	30
Dichlorotetrafluoroethane	1.625	1.505		-7.39	30
tert-Butyl alcohol	1.204	1.055		-12.38	30
Heptane	1.430	1.313		-8.18	30
1,1-Dichloroethene	0.523	0.508		-2.87	30
Acetone	1.432	1.231		-14.04	30
Carbon Disulfide	1.196	1.328		11.04	30
Methyl tert-Butyl Ether	1.821	1.747		-4.06	30
Methylene Chloride	0.508	0.450		-11.42	30
trans-1,2-Dichloroethene	0.527	0.526		-0.19	30
1,1-Dichloroethane	1.437	1.358		-5.5	30
Cyclohexane	0.830	0.778		-6.26	30
2-Butanone	0.823	0.768		-6.68	30
Carbon Tetrachloride	0.860	0.883		2.67	30
cis-1,2-Dichloroethene	1.135	1.076		-5.2	30
Chloroform	1.778	1.650		-7.2	30
1,1,1-Trichloroethane	1.667	1.677		0.6	30
2,2,4-Trimethylpentane	1.827	1.683		-7.88	30
Benzene	1.000	0.938		-6.2	30
1,2-Dichloroethane	0.743	0.725		-2.42	30
Trichloroethene	0.410	0.379		-7.56	30
1,2-Dichloropropane	0.424	0.389		-8.26	30
Bromodichloromethane	0.929	0.915		-1.51	30
4-Methyl-2-Pentanone	1.191	1.140		-4.28	30
Toluene	1.135	1.091		-3.88	30
t-1,3-Dichloropropene	0.532	0.574		7.89	30
cis-1,3-Dichloropropene	0.597	0.624		4.52	30
1,1,2-Trichloroethane	0.428	0.406		-5.14	30
Dibromochloromethane	0.736	0.756		2.72	30
1,2-Dibromoethane	0.657	0.615		-6.39	30
Tetrachloroethene	0.433	0.357		-17.55	30
Chlorobenzene	0.904	0.788		-12.83	30

All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

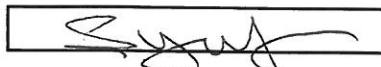
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ATCE02
 Lab Code: CHEM Case No.: K6068 SAS No.: K6068 SDG No.: K6068
 Instrument ID: MSVOA_L Calibration Date/Time: 12/03/2019 10:15
 Lab File ID: VL034453.D Init. Calib. Date(s): 11/19/2019 11/19/2019
 Heated Purge: (Y/N) N Init. Calib. Time(s): 09:49 13:42
 GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Ethyl Benzene	1.552	1.411		-9.09	30
m/p-Xylene	1.341	1.194		-10.96	30
o-Xylene	1.326	1.187		-10.48	30
Styrene	0.956	0.876		-8.37	30
Bromoform	0.657	0.689		4.87	30
1,1,2,2-Tetrachloroethane	0.997	0.829		-16.85	30
2-Chlorotoluene	1.399	1.213		-13.3	30
1,3,5-Trimethylbenzene	1.500	1.305		-13	30
1,2,4-Trimethylbenzene	1.593	1.353		-15.07	30
1,3-Dichlorobenzene	0.916	0.769		-16.05	30
1,4-Dichlorobenzene	0.889	0.769		-13.5	30
1,2-Dichlorobenzene	0.885	0.748		-15.48	30
1,2,4-Trichlorobenzene	0.849	0.693		-18.38	30
Hexachloro-1,3-Butadiene	0.760	0.680		-10.53	30
1,3-Butadiene	0.624	0.586		-6.09	30
Naphthalene	1.381	1.150		-16.73	30
4-Ethyltoluene	1.533	1.363		-11.09	30
1-Bromo-4-Fluorobenzene	0.841	0.815		-3.09	30
Hexane	1.098	0.996		-9.29	30
Allyl Chloride	0.858	0.882		2.8	30
1,4-Dioxane	168.231	144.118		-14.33	30
Methyl Methacrylate	0.415	0.409		-1.45	30

All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

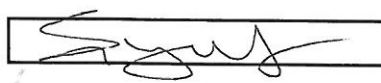
SHIPPING DOCUMENTS

Client Contact Information				Bottle Order ID : B1911060				Courier :				1 of 4 COCs									
Client ID : ATCE02				Project ID : All Projects SS-OZONE PARK				Sampler Name(s) : Denise Cosenza				Analysis		Matrix							
Customer Name : ATC Group Services LLC Address : 104 East 25th Street, 10th Floor Project - NPS 5519008 City : New York State : NY Zip Code : 10010 Country :				Project Manager Denise cosenza		AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified		Flow Reg. ID		Can ID		Flow Controlle r Readout		Can Cert ID		TO-15		Indoor/Ambinet Air		Soil Gas	
				Phone Number : 212-353-8280																	
				Fax Number : 2129798447																	
				Site Details:																	
				Analysis Turnaround Time																	
Standard : 10 business days OR				Data Package Type :																	
Rush (Specify): Days				EDD Type :																	
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID		Flow Controlle r Readout	Can Cert ID	TO-15						
SV-1	11-25-19/443	1513	-30	-4	54	54	-30	-4.7	10704	10315	6 L	200	VL034369.D	X							
Temperature (Fahrenheit)										GC/MS Analyst Signature (TO-15) 											
		Ambient	Maximum	Minimum																	
Start																					
Stop																					
Pressure (Inches of Hg)										** Submittal of this COC indicates approval of the analysis based on existing conditio Please follow the instructions on the back of this CO											
		Ambient	Maximum	Minimum																	
Start																					
Stop																					
Special Instructions/QC Requirements & Comments :																					
Suspected Contamination: High Medium Low PID Readings:																					
Sampling site (State):																					
Quick Connector required : No																					
Canisters Shipped by: Sam				Date/Time: 11/21/19				Canisters Received by: Paul Gulex				Date/Time: 11-26-19 2:59				B1911060 - 3					
Samples Relinquished by:				Date/Time:				Received by: SC				Date/Time: 11-26-19 16:30									
Relinquished by:				Date/Time:				Received by:				Date/Time:									

Client Contact Information				Bottle Order ID : B1911060				Courier :				2 of 4 COCs							
Client ID : ATCE02 Project ID : All Projects <i>SS-Ozone Park</i>				Sampler Name(s) : <i>Denise Cosenza</i>				Analysis				Matrix							
Customer Name : ATC Group Services LLC Address : 104 East 25th Street, 10th Floor <i>PN-TPSSS 19008</i> City : New York State : NY Zip Code : 10010 Country :				Project Manager Denise cosenza				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified											
				Phone Number : 212-353-8280															
				Fax Number : 2129798447															
				Site Details:															
				Analysis Turnaround Time															
				Standard : 10 business days OR				Data Package Type :											
				Rush (Specify): Days				EDD Type :											
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID		Flow Controller Readout	Can Cert ID	TO-15			Indoor/Ambient Air	Soil Gas
<i>SV-2</i>	<i>11-26-19</i>	<i>9:27</i>	<i>9:57</i>	<i>-30</i>	<i>-3.5</i>	<i>500</i>	<i>500</i>	<i>-30</i>	<i>-3.5</i>	<i>10208</i>	<i>10269</i>	<i>6 L</i>	<i>200</i>	<i>VL034294.D</i>	<i>X</i>				
Temperature (Fahrenheit)										GC/MS Analyst Signature (TO-15) <i>[Signature]</i>									
		Ambient	Maximum	Minimum															
Start																			
Stop																			
Pressure (Inches of Hg)										** Submittal of this COC indicates approval of the analysis based on existing condition Please follow the instructions on the back of this CO									
		Ambient	Maximum	Minimum															
Start																			
Stop																			
Special Instructions/QC Requirements & Comments :																			
Suspected Contamination: High Medium Low PID Readings:																			
Sampling site (State):																			
Quick Connector required : <i>No</i>																			
Canisters Shipped by: <i>[Signature]</i>					Date/Time: <i>11/21/19</i>					Canisters Received by: <i>[Signature]</i>					Date/Time: <i>11-26-19 2:50</i>				
Samples Relinquished by: <i>[Signature]</i>					Date/Time: <i>11/26/19</i>					Received by: <i>SC</i>					Date/Time: <i>11-26-19 16:30</i>				
Relinquished by:					Date/Time:					Received by:					Date/Time:				

B1911060 - 1

Client Contact Information				Bottle Order ID : B1911060				Courier : ,				3 of 4 COCs																	
Client ID : ATCE02				Project ID : All Projects <i>SS-Ozone Park</i>				Sampler Name(s) : <i>Denise Cosenza</i>				Analysis		Matrix															
Customer Name : ATC Group Services LLC Address : 104 East 25th Street, 10th Floor <i>P# NPSSS19008</i> City : New York State : NY Zip Code : 10010 Country :				Project Manager Denise cosenza				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified																					
				Phone Number : 212-353-8280																									
				Fax Number : 2129798447																									
				Site Details:																									
				Analysis Turnaround Time																									
				Standard : 10 business days OR				Data Package Type :																					
				Rush (Specify): Days				EDD Type :																					
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID		Flow Controller Readout	Can Cert ID	TO-15	Indoor/Ambient Air	Soil Gas												
<i>SV-3</i>	<i>11/26/19</i>	<i>8:46</i>	<i>9:16</i>	<i>-20.7</i>	<i>-2</i>	<i>50°</i>	<i>50°</i>	<i>-30</i>	<i>-3.1</i>	<i>10215</i>	<i>10279</i>	<i>6 L</i>	<i>200</i>	<i>VL034294.D</i>	<i>X</i>														
Temperature (Fahrenheit) <table border="1"> <tr> <td></td> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td></td> <td></td> <td></td> </tr> </table>											Ambient	Maximum	Minimum	Start				Stop				GC/MS Analyst Signature (TO-15) <i>[Signature]</i>							
	Ambient	Maximum	Minimum																										
Start																													
Stop																													
Pressure (Inches of Hg) <table border="1"> <tr> <td></td> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td></td> <td></td> <td></td> </tr> </table>											Ambient	Maximum	Minimum	Start				Stop				** Submittal of this COC indicates approval of the analysis based on existing conditio Please follow the instructions on the back of this CO							
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Special Instructions/QC Requirements & Comments :																													
Suspected Contamination: High Medium Low PID Readings:																													
Sampling site (State):																													
Quick Connector required : <i>No</i>																													
Canisters Shipped by: <i>SC</i>				Date/Time: <i>11/26/19</i>				Canisters Received by: <i>Paul G. [Signature]</i>				Date/Time: <i>11-26-19 2:50</i>				B1911060 - 2													
Samples Relinquished by: <i>Denise Cosenza</i>				Date/Time: <i>11/26/19</i>				Received by: <i>SC</i>				Date/Time: <i>11-26-19 16:50</i>																	
Relinquished by:				Date/Time:				Received by:				Date/Time:																	

Client Contact Information				Bottle Order ID : B1911060				Courier :				4 of 4 COCs																	
Client ID : ATCE02				Project ID : All Projects SS-Ozone Park				Sampler Name(s) : denise cosenza				Analysis		Matrix															
Customer Name : ATC Group Services LLC Address : 104 East 25th Street, 10th Floor City : New York State : NY Zip Code : 10010 Country :				Project Manager : Denise cosenza				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified																					
				Phone Number : 212-353-8280																									
				Fax Number : 2129798447																									
				Site Details:																									
				Analysis Turnaround Time																									
				Standard : 10 business days OR				Data Package Type :																					
				Rush (Specify): Days				EDD Type :																					
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID		Flow Controller Readout	Can Cert ID	TO-15	Indoor/Ambient Air	Soil Gas												
SV-4	11-26-19/1049	11:19	-30	0	50	50	-30	-1.8	10780	10599	6 L	200	VL034294.D	X															
Temperature (Fahrenheit) <table border="1"> <tr> <td></td> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td></td> <td></td> <td></td> </tr> </table>											Ambient	Maximum	Minimum	Start				Stop				GC/MS Analyst Signature (TO-15) 							
	Ambient	Maximum	Minimum																										
Start																													
Stop																													
Pressure (Inches of Hg) <table border="1"> <tr> <td></td> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td></td> <td></td> <td></td> </tr> </table>											Ambient	Maximum	Minimum	Start				Stop				** Submittal of this COC indicates approval of the analysis based on existing conditio Please follow the instructions on the back of this CO							
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Start																													
Stop																													
Special Instructions/QC Requirements & Comments :																													
Suspected Contamination: High Medium Low PID Readings:																													
Sampling site (State):																													
Quick Connector required : NO																													
Canisters Shipped by: Sam				Date/Time: 11/26/19				Canisters Received by: Paul G. J. K.				Date/Time: 11-26-19 2:50				B1911060 - 4													
Samples Relinquished by: Denise				Date/Time: 11/26/19				Received by: SC				Date/Time: 11-26-19 16:30																	
Relinquished by:				Date/Time:				Received by:				Date/Time:																	

Laboratory Certification

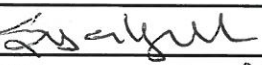
Certified By	License No.
CAS EPA CLP Contract	EP-W-14-030
Connecticut	PH-0649
DOD ELAP (L-A-B)	L2219
Florida	E87935
Maine	2012025
Maryland	296
New Hampshire	255413
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	P330-13-00380
Texas	T104704488-13-5

Internal Chain of Custody

Instructions: Use 1 form for each 20 samples of aliquot

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample			
Laboratory: Chemtech		Location: 284 Sheffield Street, Mountainside, NJ 7092	
NAS:		Title: Sample Custodian	
Field Sample Seal No. K6068		Date Broken: 11/26/2019	Military Time Seal Broken: 14:50:00
Case No.: 101-21 101st Street, Ozon		Analytical Parameter/Fraction: TO-15	

Sample No.	Aliquot/Extract No.	Sample No.	Aliquot/Extract No.
K6068-01	SV-1		
K6068-02	SV-2		
K6068-03	SV-3		
K6068-04	SV-4		

Date	Time	Relinquished By	Received By	Purpose of Change of Custody
11/27/19	8:36	Signature 	Signature 	
		Printed Name Cassandra Peric	Printed Name Sample Custodian	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	

Distribution: White - Original (Sent With Report) Yellow - Contractor Archive Pink - Sample Custodian - Interim Copy