

445 EAST 163rd STREET

BRONX, NEW YORK

SUBSURFACE INVESTIGATION REPORT

AKRF Project Number: 210407

Prepared for:

Bogopa 163 LLC
% Shorewood Real Estate Group LLC
292 Madison Ave, 24th Floor
New York, NY 10017

Prepared by:



AKRF, Inc.

440 Park Avenue South
New York, NY 10016
212-696-0670

MAY 2022

TABLE OF CONTENTS

1.0	Introduction.....	1
2.0	Site History	2
3.0	Field Activities.....	3
3.1	Geophysical Survey and Utility Mark-Outs	3
3.2	Soil Sampling and Analysis.....	3
3.3	Groundwater Sampling and Analysis	3
3.4	Soil Vapor Sampling	4
3.5	Investigation-Derived Waste	4
4.0	Findings	5
4.1	Field Observations, Geology and Hydrogeology	5
4.2	Soil Analysis Results	5
4.3	Groundwater Analysis Results	6
4.4	Soil Vapor Analysis Results	6
4.5	Quality Assurance/Quality Control Sampling	6
5.0	Conclusions and Recommendations	7
6.0	Limitations	8
7.0	Soil Disposal Issues	9
8.0	References.....	10

TABLES

Table 1 – Soil Analytical Results of Volatile Organic Compounds (VOCs)	
Table 2 – Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)	
Table 3 – Soil Analytical Results of Metals	
Table 4 – Soil Analytical Results of Polychlorinated Biphenyls (PCBs)	
Table 5 – Soil Analytical Results of Pesticides	
Table 6 – Groundwater Analytical Results of VOCs	
Table 7 – Groundwater Analytical Results of SVOCs	
Table 8 – Groundwater Analytical Results of Total Metals	
Table 9 – Groundwater Analytical Results of Dissolved Metals	
Table 10 – Groundwater Analytical Results of PCBs	
Table 11 – Groundwater Analytical Results of Pesticides	
Table 12 – Soil Vapor Analytical Results of VOCs	

FIGURES

Figure 1 – Site Location	
Figure 2 – Site Plan and Sample Locations	

APPENDICES

Appendix A – Photographic Log	
Appendix B – Geophysical Survey Report	
Appendix C – Soil Boring Logs	
Appendix D – Groundwater Sampling Logs	
Appendix E – Soil Vapor Sampling Logs	
Appendix F – Laboratory Analytical Data Reports	

1.0 INTRODUCTION

AKRF, Inc. (AKRF) conducted a Phase II Subsurface Investigation (SI) on March 7 and 8, 2022, on behalf of Bogopa 163 LLC (the Client) at the property located at 445 East 163rd Street in the Bronx, New York (the “Site”). The approximately 99,613-square foot Site is also identified on the New York City (NYC) Tax Map as Bronx Borough Tax Block 2385, Lot 1. The Site is bounded by East 164th Street to the north, followed by commercial properties, including auto repair shops; Washington Avenue to the east, followed by commercial and residential properties, including a gasoline filling station; East 163rd Street to the south, followed by residential properties; and Brook Avenue to the west, followed by a medical center and commercial properties, including storage/warehouse space. The larger surrounding area is occupied predominantly by residential and commercial uses. The Site location is shown on Figure 1.

The SI was conducted to determine the presence and extent of on-site contamination. The SI included the following scope of work:

1. A geophysical survey to identify the presence of any underground storage tanks (USTs) or any buried aboveground storage tanks (ASTs) across the accessible portions of the Site;
2. Advancement of 10 soil borings across the Site and the collection of 20 soil samples for laboratory analysis to evaluate soil quality;
3. Installation of six temporary groundwater monitoring wells across the Site and the collection of six groundwater samples for laboratory analysis to evaluate groundwater quality; and
4. Installation of six temporary soil vapor points across the Site and the collection of six soil vapor samples for laboratory analysis to evaluate soil vapor quality.

The locations of the soil borings, temporary groundwater monitoring wells, and temporary soil vapor points are shown on Figure 2. A photographic log of the SI field activities is provided as Appendix A.

2.0 SITE HISTORY

The Site is comprised of a one-story commercial building with a mezzanine, cellar, and loading dock area operated by Food Bazaar as a grocery store; a large asphalt-paved parking lot for grocery store customers; and a small undeveloped/partially vegetated parcel. The Site has a long history of automotive and industrial use, primarily as an auto repair shop, wholesale grocery warehouse with associated printing operations, and an auto junk yard.

In 2005, the Site was previously enrolled in the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) as a Volunteer under a BCP Site Name of Plaza 163 and an address of 163rd - 164th Streets and Washington Avenue (BCP Site No. C203023). A Remedial Investigation (RI) was conducted in 2006, which identified chlorinated volatile organic compounds (CVOCs) in groundwater, volatile organic compounds (VOCs) in soil vapor, and semi-volatile organic compounds (SVOCs) and metals in soil, above the applicable New York State criteria. Based on the results of the RI, the NYSDEC approved a Remedial Action Work Plan (RAWP) in 2007 to remediate the Site during redevelopment; however, in 2011, the Site was removed from the BCP. A portion of the Site was redeveloped with the existing grocery store building in 2014, and during the redevelopment, remediation was performed under oversight by the OER within the (E) Designation Program. The remediation included excavation of the top 6 inches of material at the Site along with isolated deeper hotspots, removal of 11 USTs, and installation of a composite cover system, vapor barrier, and active sub-slab depressurization system (SSDS). A SMP was also prepared as part of the remedy for long-term management of residual soil, including plans for operation, maintenance, inspection, and certification of the performance of Engineering Controls and Institutional Controls. The Site will continue to be registered with an (E) Designation by the NYC Department of Buildings (NYCDOB).

AKRF performed a Phase I Environmental Site Assessment (ESA) dated March 2022. The assessment revealed the following Recognized Environmental Conditions (RECs) and Controlled RECs:

RECs

- The 2006 RI identified historic fill material to depths of 4 to 6 feet below ground surface (bgs) throughout the Site; however, the 2016 RAR documented that the top 6 inches of material at the Site was removed along with isolated deeper hotspots. The presence of historic fill material, that may have elevated levels of SVOCs and metals, remains in the subsurface throughout the Site.
- Historical Sanborn maps, city directories, and the regulatory database information identified industrial and automotive uses in the surrounding area between circa 1898 and 2007, including a gasoline filling stations and auto repair shops, chemical and x-ray equipment manufacturing, metal and porcelain fabrication, rug cleaning, paper box manufacturing, and foundry operations. Petroleum and/or chemical and solvent uses at these facilities may have affected area subsurface conditions.

CRECs

- The Site was listed in the NYSDEC Petroleum Bulk Storage database (PBS Nos. 2-612308 and 2-610929) with multiple gasoline and fuel oil USTs, listed with a status of “closed-removed”.
- The SMP instituted at the conclusion of the remediation activities with OER and the continuation of the Site to be registered with an (E) Designation by the NYCDOB.
- A closed spill (Spill No. 0805979) was listed for the Site. The listing identified the Site as “Plaza 163” with the address of 163rd Street/Washington Avenue. It was noted that the Site was part of a NYSDEC BCP, and six USTs were discovered and removed during remediation activities. A spill closure report was received by NYSDEC, and the spill was closed.

3.0 FIELD ACTIVITIES

3.1 Geophysical Survey and Utility Mark-Outs

On March 7, 2022, a geophysical survey was conducted across the accessible portions of the Site prior to commencing the SI drilling activities. AKRF did not have access to the grocery store building at the time of the survey; therefore, the survey was limited to exterior portions of the Site. Based on the findings of the survey, no signs of an anomaly consistent with the presence of a UST or a buried AST were identified. The Geophysical Survey Report is included as Appendix B.

3.2 Soil Sampling and Analysis

On March 7 and 8, 2022, 10 soil borings (SB-01 through SB-10) were advanced at the Site by Coastal Environmental Solutions, Inc. of Bohemia, New York (Coastal) using a track-mounted direct push probe (DPP) drill rig to depths ranging between approximately 15 and 25 feet bgs at the locations shown on Figure 2. Soil samples were collected continuously from the drilling grade to boring terminal depths. Soil cores were collected using 5-foot long, 4-inch diameter, stainless steel macrocore piston rod samplers fitted with an internal acetate liner. Soil cores were field screened for VOCs using a photoionization detector (PID) and logged using the modified Burmister soil classification system. The PID was calibrated at the beginning of each field day with isobutylene gas in accordance with the manufacturer's specifications. At each boring location, AKRF field personnel recorded and documented subsurface conditions. All sampling equipment was either dedicated or decontaminated between sampling locations.

Two soil samples were submitted for laboratory analysis from each soil boring. One sample from the 2-foot interval directly below the soil layer previously remediated during prior remedial activities in 2014 (1 to 3 feet bgs); and the second sample from the 2-foot interval directly below the assumed depth of future redevelopment excavation (12 to 14 feet bgs). Evidence of contamination (i.e., PID readings, staining, or odors) was not observed in any of the soil borings.

Soil samples slated for laboratory analysis were labeled, placed in ice-filled coolers, and shipped to the laboratory via courier with appropriate chain-of-custody documentation. Soil samples were submitted to Eurofins-TestAmerica Laboratories (Eurofins-TestAmerica) of Edison, New Jersey, a New York State Department of Health (NYSDOH)-certified laboratory, to be analyzed for VOCs by United States Environmental Protection Agency (EPA) Method 8260, SVOCs by EPA Method 8270, polychlorinated biphenyls (PCBs) by EPA Method 8082, and Target Analyte List (TAL) metals by EPA Method 6000/7000 series. One aqueous trip blank was included with the sample shipments for both days and submitted for VOC analysis for quality assurance/quality control purposes. Soil boring logs are provided in Appendix C.

3.3 Groundwater Sampling and Analysis

Six of the soil borings (SB-01 through SB-06) were retrofitted advanced to 25 feet bgs and with temporary 1-inch diameter polyvinyl chloride (PVC) groundwater monitoring wells (TW-01 through TW-06) by Coastal at the locations shown on Figure 2. The monitoring wells were constructed with 10 feet of 0.020-inch slotted PVC well screen straddling the observed water table. The annular space was backfilled with No. 2 sand to two feet above the well screen.

Prior to collecting the groundwater samples, the depth to groundwater and the total well depth was measured at each of the temporary groundwater monitoring wells using an oil/water interface probe attached to a measuring tape accurate to 0.01 foot. Each well was purged of a minimum of three well volumes and samples were collected with a dedicated bailer for chemical analysis. No free phase product was detected in any of the groundwater monitoring wells during installation, purging,

or sampling. Purge water was monitored with a Horiba® U-52 water quality monitor prior to sample collection.

Groundwater samples slated for laboratory analysis were placed in laboratory-supplied containers in ice-filled coolers and submitted to the laboratory via courier with appropriate chain-of-custody documentation. Groundwater samples were submitted to Eurofins-TestAmerica of Edison, New Jersey for analysis of VOCs by EPA Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, and both filtered (dissolved) and unfiltered (total) TAL metals (6000/7000 series). Groundwater sampling logs are included in Appendix D.

3.4 Soil Vapor Sampling

Six temporary vapor points (SV-01 through SV-06) were installed by Coastal at the locations shown on Figure 2. The soil vapor points were installed at approximately 5 feet bgs. The soil vapor points were installed using a DPP to advance a 2-inch diameter hollow probe rod fitted with an expendable 6-inch-long stainless steel screened drive point. Dedicated Teflon®-lined polyethylene tubing with threaded fittings was connected to each soil vapor point. The probe rod was then removed, and the void space was backfilled with clean silica sand to approximately two feet bgs. Hydrated bentonite was used to fill the remaining void to the surface.

Prior to sample collection, each sampling point was purged of at least three sampler volumes using a Gillian® GilAir Plus air sampling pump set at a flow rate of approximately 0.2 liters/minute. During purging, an inverted bucket was placed over each sampling point, and helium gas was introduced through a small hole in the bucket to saturate the atmosphere around the sample port. Purged vapors were collected in a Tedlar® bag and field-screened for organic vapors using a PID. The purged air was also monitored using a portable helium detector to check for short-circuiting of ambient air into the vapor sampling point. All soil vapor points were found to pass the required seal integrity tests. PID readings were recorded at each soil vapor sampling location and ranged from non-detect to 1.7 parts per million.

After purging, each probe was connected via Teflon®-lined polyethylene tubing to a laboratory-supplied, batch-certified 6-liter SUMMA® canister equipped with a flow regulator set to collect a sample over 2 hours. Immediately after opening the flow control valve, the initial canister vacuum (in inches of mercury) was noted. When the canisters reached the approximate minimum vacuum necessary for laboratory analyses (between 3 and 8 inches of mercury), the flow controller valve was closed, the final vacuum noted, and the canister placed in a shipping carton for delivery to the laboratory for analysis. The total sample collection times for the soil vapor samples ranged between approximately 1.3 and 2 hours. Each canister was labeled to identify the sample ID, date, time, and vacuum readings. The identification numbers for both the canister and flow controller were noted on the chain-of-custody documentation and the samples were transported by courier directly to Eurofins-TestAmerica of Burlington, Vermont, a NYSDOH-certified laboratory.

All samples were analyzed for VOCs by EPA Method TO-15 by Eurofins-TestAmerica. Sample containers were labeled and shipped to the laboratory via courier with appropriate chain of custody documentation. Soil vapor sampling logs are provided in Appendix E.

3.5 Investigation-Derived Waste

Soil cuttings were used to backfill the borehole from which they originated and subsequently patched at-grade to match pre-drilling conditions. Bentonite chips were used to backfill any remaining space within the boreholes. Disposable sampling equipment, including spoons, gloves, bags, paper towels, etc. that came in contact with environmental media were double bagged and disposed of as municipal trash in a facility trash dumpster as non-hazardous refuse.

4.0 FINDINGS

4.1 Field Observations, Geology and Hydrogeology

Soil beneath the Site consisted of fill material (including sand, silt, gravel, asphalt, brick, wood, ash, and roots) to approximately 2 to 10 feet bgs, underlain by presumed native sand, silt, clay, and gravel, to at least the termination of each boring (up to 25 feet bgs). Bedrock was not encountered during this SI. No evidence of contamination (i.e., PID readings, staining, or odors) was observed in any of the borings.

Groundwater was measured in the temporary monitoring wells at depths between approximately 17 and 19 feet bgs. Based on local topography of the area and previous investigation/remediation performed, groundwater beneath the Site is expected to flow in a northerly direction. Groundwater flow direction beneath the Site can be affected by many factors including subsurface openings or obstructions such as basements, underground utilities, bedrock geology, and other factors.

4.2 Soil Analysis Results

Soil sample analytical results were compared to the 6 New York Code of Rules and Regulations Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs). Soil sample results are presented in Tables 1 through 5.

- No VOCs were detected above their reporting limits, except for the CVOC, tetrachloroethylene (PCE), which was detected at low concentrations ranging between an 0.00051 (estimated) and 0.0013 milligrams per kilogram (mg/kg) in three samples (SB-01_1-3_20220308, SB-05_1-3_20220307, and SB-10_1-3_20220307). No VOCs exceeded their UUSCOs or RRSCOs.
- Five polyaromatic hydrocarbons (PAHs), a subset of SVOCs, including benzo(a)anthracene (max. 1.8 mg/kg), benzo(a)pyrene (max. 2.0 mg./kg), benzo(b)fluoranthene (max. 2.4 mg/kg), dibenz(a,h)anthracene (0.38 mg.kg), and indeno(1,2,3-c,d)pyrene (max. 1.5 mg/kg), were detected at concentrations exceeding both their UUSCOs and RRSCOs in up to four samples (SB-04_1-3_20220307, SB-05_1-3_20220307, SB-06_1-3_20220307, and SB-09_1-3_20220307). Additionally, the PAHs benzo(k)fluoranthene (max. 1.0 mg/kg) and chrysene (max. 1.6 mg/kg) were detected above their UUSCOs but below their RRSCOs in up to three samples (SB-04_1-3_20220307, SB-06_1-3_20220307, and SB-09_1-3_20220307).
- Two metals, barium (max. 998 mg/kg) and lead (max. 1,100 mg/kg), were detected at concentrations exceeding both their UUSCOs and RRSCOs in up to two samples (SB-06_1-3_20220307 and SB-09_1-3_20220307). Four metals, including copper (max. 79.6 mg/kg), mercury (max. 0.69 mg/kg), nickel (max. 32.2 mg/kg), and zinc (max. 592 mg/kg) were detected at concentrations exceeding their UUSCOs but below their RRSCOs in up to nine samples (SB-02_1-3_20220308, SB-03_1-3_20220308, SB-04_1-3_20220307, SB-05_1-3_20220307, SB-06_1-3_20220307, SB-07_1-3_20220308, SB-08_1-3_20220308, SB-09_1-3_20220307, and SB-10_1-3_20220307).
- No PCBs were detected above their reporting limits in any of the samples.
- Three pesticides, including P,P'-DDD (max. estimated 0.0057 mg/kg), P,P'-DDE (max. 0.016 mg/kg), and P,P'-DDT (max. 0.19 mg/kg) were detected in up to six samples at concentrations exceeding their UUSCOs, but below their RRSCOs (SB-03_1-3_20220308, SB-04_1-3_20220307, SB-06_1-3_20220307, SB-07_1-3_20220308, SB-09_1-3_20220307, and SB-10_1-3_20220307).

4.3 Groundwater Analysis Results

Groundwater sample analytical results were compared to the NYSDEC Technical and Operational Guidance Series (TOGs) 1.1.1 Ambient Water Quality Standards and Guidance Values (AWQSGVs). Groundwater sample analytical results are presented in Tables 6 through 11.

- The CVOCs PCE and trichloroethylene (TCE) were detected at concentrations exceeding their respective AWQSGV in five of the six samples (TW-02_20220308, TW-03_20220308, TW-04_20220308, TW-05_20220307, and TW-06_20220307). The maximum concentrations for PCE and TCE were 93 and 20 micrograms per liter ($\mu\text{g/L}$), respectively, both from sample TW-06_20220307. No other VOCs were detected above their AWQSGV.
- Four total (unfiltered) metals, including iron (max. 6,050 $\mu\text{g/L}$), magnesium (max. 76,500 $\mu\text{g/L}$), manganese (max. 21,900 $\mu\text{g/L}$ from a diluted sample), and sodium (max. 461,000 $\mu\text{g/L}$) were detected at concentrations exceeding their AWQSGVs across all six samples. The same four metals were detected in the dissolved (unfiltered) samples [iron (max. 5,720 $\mu\text{g/L}$), magnesium (max. 75,900 $\mu\text{g/L}$), manganese (max. 21,800 $\mu\text{g/L}$ from a diluted sample), and sodium (max. 431,000 $\mu\text{g/L}$)] at concentrations exceeding their AWQSGVs across all six samples. These metals are typically known to be naturally occurring and not often associated with on-site sources of contamination.
- No SVOCs, PCBs, or pesticides were detected above their reporting limits in any of the samples.

4.4 Soil Vapor Analysis Results

Concentrations of VOCs detected in the soil vapor samples were compared to the NYSDOH 2006 Guidance for Evaluating Soil Vapor Intrusion Indoor Air Guidance Values (AGVs) and matrices, incorporating subsequent updates. These values provide a conservative means of comparison. The AGVs are intended to be protective of indoor air, and the comparison assumes that any soil vapor detected would completely penetrate into the future building, a condition that would not be expected to actually occur. EPA suggests an attenuation factor of 0.03 between soil vapor and indoor air in Table 6-1 of their June 2015 Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air. AGVs and/or decision matrices, have only been established for eight VOCs [1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichloroethene, carbon tetrachloride, cis-1,2-dichloroethene, methylene chloride, PCE, TCE, and vinyl chloride]. Soil vapor sample results are presented in Table 12.

- PCE was detected in two of the six soil vapor samples, SV-05_20220308 and SV-06_20220308, at concentrations of 81 and 56 micrograms per cubic meter ($\mu\text{g/m}^3$), respectively, above its AGV of 30 $\mu\text{g/m}^3$ but below its matrix value of 1,000 $\mu\text{g/m}^3$. TCE was detected in the same two samples at concentrations of 5.5 and 9.6 $\mu\text{g/m}^3$, respectively, above its AGV of 2 $\mu\text{g/m}^3$ but below its matrix value of 60 $\mu\text{g/m}^3$. Other VOC compounds, including petroleum compounds, were detected at low concentrations in each of the six soil vapor samples.

4.5 Quality Assurance/Quality Control Sampling

No VOCs were detected within the trip blanks above their reporting limits; however, the trip blank associated with March 7, 2022 (TB_20220307) indicated that methyl ethyl ketone (2-butanone), methyl isobutyl ketone (4-methyl-2-pentanone), and vinyl chloride exceeded their associated laboratory limit quality control parameter. The results of the trip blanks are presented in Table 6. Laboratory analytical data reports are provided in Appendix F.

5.0 CONCLUSIONS AND RECOMMENDATIONS

AKRF concludes that these soil, groundwater, and soil vapor contaminants appear to be associated with historic fill and historical onsite and/or offsite commercial use(s), as detailed below. Limitations to this report are provided in Section 6.0. Common issues related to soil management are outlined in Section 7.0.

- PCE and TCE were detected in five of the six groundwater samples at concentrations ranging from 5.7 to 93 µg/L, above their AWQSGVs of 5 µg/L. PCE and TCE were also detected above their AGVs in two of the six soil vapor samples collected beneath the Site [SV-05_20220308 and SV-06_20220308] with concentrations up to 81 µg/m³. The concentration distribution of these CVOCs in groundwater and soil vapor suggests that the source of contamination may be related to historical on-site and/or off-site commercial use(s).
- PAHs, metals, and pesticides were detected in shallow soil, which appear to be attributable to historic fill.

Based upon the findings and conclusions described above, AKRF recommends the following:

- This SI will satisfy a portion of the sampling typically required under OER's E-designation program; however, supplemental sampling may be required to fulfill their requirements. A pre-application meeting should be scheduled with OER to scope any supplemental sampling required.
- Since the Site has an E-Designation, to address disturbing and managing the known historical fill and the potential for encountering unexpected contamination that may be discovered during Site redevelopment, a Remedial Action Work Plan (RAWP) and Construction Health and Safety Plan (CHASP) will be required to be submitted to OER for review and approval. The RAWP should include measures for excavation and off-site disposal of soil during construction, including contingency measures to address potential unforeseen contamination, USTs, reporting of petroleum spills, etc. The CHASP should include measures for worker and community protection, including personal protective equipment, dust control, air monitoring, and emergency response procedures.
- Soil and fill materials excavated as part of Site development should be properly handled and managed in accordance with applicable regulations, including (if applicable) hazardous waste disposal regulations. Transportation of material leaving the Site for disposal must be in accordance with federal, state, and local regulatory requirements covering licensing of haulers and trucks, placarding, truck routes, manifesting, etc.
- Based on the presence of CVOCs in groundwater and soil vapor, consideration should be given to designing future building foundations with appropriate vapor intrusion mitigation measures (e.g., vapor barrier and/or passive sub-slab depressurization system).
- If dewatering is necessary, it should be conducted in accordance with a NYC Department of Environmental Protection sewer discharge permit.

6.0 LIMITATIONS

The findings set forth in this report are strictly limited in scope and time to the date of the evaluation described herein. The conclusions and recommendations presented in the report are based solely on the services and any limitations described in this report.

This report may contain conclusions that are based on the analysis of data collected at the time and locations noted in the report through intrusive or non-intrusive sampling. However, further investigation might reveal additional data or variations of the current data, which may differ from our understanding of the conditions presented in this report and require the enclosed recommendations to be reevaluated or modified.

Chemical analyses may have been performed for specific parameters during the course of this investigation, as summarized in the text and tables. It should be noted that additional chemical constituents, not searched for during this investigation, may be present at the site. Due to the nature of the investigation and the limited data available, no warranty, expressed or implied, shall be construed with respect to undiscovered liabilities. The presence of biological hazards, radioactive materials, lead-based paint, and asbestos-containing materials was not investigated, unless specified in the report.

Interpretations of the data, including comparison to regulatory standards, guidelines, or background values, are not opinions that these comparisons are legally applicable. Furthermore, any conclusions or recommendations should not be construed as legal advice. For such advice, the client is recommended to seek appropriate legal counsel. Disturbance, handling, transportation, storage, and disposal of known or potentially contaminated materials is subject to all applicable laws, which may or may not be fully described as part of this report.

The analytical data, conclusions, and/or recommendations provided in this report should not be construed in any way as a classification of waste that may be generated during future disturbance of the project site. Waste(s) generated at the site including excess fill may be considered regulated solid waste and potentially hazardous waste. Requirements for intended disposal facilities should be determined beforehand as the data provided in this report may be insufficient and could vary following additional sampling.

This report may be based solely or partially on data collected, conducted, and provided by, AKRF and/or others. No warranty is expressed or implied by usage of such data. Such data may be included in other investigation reports or documentation. In addition, these reports may have been based upon available previous reports, historical records, documentation from federal, state, and local government agencies, personal interviews, and geological mapping. This report is subject, at a minimum, to the limitations of the previous reports, historical documents, availability, and accuracy of collected documentation, and personal recollection of those persons interviewed. In certain instances, AKRF has been required to assume that the information provided is accurate with limited or no corroboratory evidence.

This report is intended for the use solely by Bogopa 163 LLC. Reliance by third parties on the information and opinions contained herein is strictly prohibited and requires the written consent of AKRF. AKRF accepts no responsibility for damages incurred by third parties for any decisions or actions taken based on this report. This report must be used, interpreted, and presented in its entirety.

7.0 SOIL DISPOSAL ISSUES

In addition to the discussions in the Conclusions and Recommendations, and Limitations Sections (Sections 5.0 and 6.0), the issue of appropriate management of off-site disposal of soil warrants careful consideration. Any material being disposed of off-site is a regulated waste, and disposal must be in accordance with:

- Requirements of the specific receiving facility;
- Requirements of any agencies overseeing the cleanup/excavation; and
- Federal and state requirements (sometimes in both the state where the soil is generated and where disposal will occur).

For hazardous wastes and petroleum-contaminated soil (and other ‘clearly contaminated’ materials), the requirements are usually fairly well defined. It is in the situation where contamination is not readily apparent (e.g., so called “historic or urban fill” or “construction and demolition debris” or material that may have been formerly identified as “clean fill”) that present the greatest potential for problems and cost overruns. Even on sites where no contamination requiring remediation is identified, it is common that most of the excavated material is considered “contaminated” for purposes of waste disposal. Concentrations of the various contaminants in historic fill can be highly variable, and upon further testing, the material could contain higher contaminant concentrations than outlined in this investigation. Portions of this material could be classified as hazardous waste.

It is important that the intended disposal facility (or facilities) be identified in advance of off-site disposal. Agency approval is sometimes required for disposal, and the facility will frequently require additional testing prior to (and sometimes at the time of) accepting material. Material must conform to a lengthy list of requirements based on both chemical composition and sometimes numerous other parameters (related to size, percentage of liquids, presence of odors, etc.) for acceptance at the facility. Assuming (or allowing a contractor to assume) that all, or even most, of the soil from a site can be disposed of at minimal cost may result in unanticipated and expensive change orders.

For these reasons, we recommend that professional advice be sought prior to preparing bid documents and contracts incorporating soil disposal.

8.0 REFERENCES

1. Phase I Environmental Site Assessment, 445 East 163rd Street, Bronx, New York, AKRF, Inc., March 2022.
2. 6 New York Code of Rules and Regulations Section 375-6: Remedial Program Soil Cleanup Objectives, December 14, 2006.
3. NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York Air Guideline Values and Table 3.3 Matrix A, Matrix B, and Matrix C Tables of the Final Guidance in the State of New York, dated October 2006 (NYSDOH Vapor Intrusion Guidance Document), updated May 2017.

TABLES

Table 1
445 East 163rd Street
Bronx, NY

Subsurface (Phase II) Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

Compound	AKRF Sample ID		SB-01_1-3_20220308	SB-01_12-14_20220308	SB-02_1-3_20220308	SB-02_12-14_20220308
	NYSDEC UUSCO	NYSDEC RRSCO	460-253911-1	460-253911-2	460-253911-3	460-253911-4
			3/08/2022	3/08/2022	3/08/2022	3/08/2022
			mg/kg	mg/kg	mg/kg	mg/kg
			1	1	1	1
			CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0012 U	0.0011 U	0.0011 U	0.0013 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
1,1,2-Trichloroethane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
1,1-Dichloroethane	0.27	26	0.0012 U	0.0011 U	0.0011 U	0.0013 U
1,1-Dichloroethene	0.33	100	0.0012 U	0.0011 U	0.0011 U	0.0013 U
1,2,3-Trichlorobenzene	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
1,2,4-Trichlorobenzene	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
1,2-Dichlorobenzene	1.1	100	0.0012 U	0.0011 U	0.0011 U	0.0013 U
1,2-Dichloroethane	0.02	3.1	0.0012 U	0.0011 U	0.0011 U	0.0013 U
1,2-Dichloropropane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
1,3-Dichlorobenzene	2.4	49	0.0012 U	0.0011 U	0.0011 U	0.0013 U
1,4-Dichlorobenzene	1.8	13	0.0012 U	0.0011 U	0.0011 U	0.0013 U
2-Hexanone	NS	NS	0.0061 U	0.0053 U	0.0056 U	0.0067 U
Acetone	0.05	100	0.0073 U	0.0064 U	0.0068 U	0.008 U
Benzene	0.06	4.8	0.0012 UT	0.0011 UT	0.0011 U	0.0013 U
Bromochloromethane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Bromodichloromethane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Bromoform	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Bromomethane	NS	NS	0.0024 U	0.0021 U	0.0023 U	0.0027 U
Carbon Disulfide	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Carbon Tetrachloride	0.76	2.4	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Chlorobenzene	1.1	100	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Chloroethane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Chloroform	0.37	49	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Chloromethane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Cis-1,2-Dichloroethylene	0.25	100	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Cis-1,3-Dichloropropene	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Cyclohexane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Dibromochloromethane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Dichlorodifluoromethane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Ethylbenzene	1	41	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Isopropylbenzene (Cumene)	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
M,P-Xylenes	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Methyl Acetate	NS	NS	0.0061 U	0.0053 U	0.0056 U	0.0067 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0061 U	0.0053 U	0.0056 U	0.0067 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0061 U	0.0053 U	0.0056 U	0.0067 U
Methylcyclohexane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Methylene Chloride	0.05	100	0.0024 U	0.0021 U	0.0023 U	0.0027 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Styrene	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Tert-Butyl Methyl Ether	0.93	100	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Tetrachloroethylene (PCE)	1.3	19	0.0013	0.0011 U	0.0011 U	0.0013 U
Toluene	0.7	100	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Trans-1,2-Dichloroethene	0.19	100	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Trans-1,3-Dichloropropene	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Trichloroethylene (TCE)	0.47	21	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Trichlorofluoromethane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Vinyl Chloride	0.02	0.9	0.0012 U	0.0011 U	0.0011 U	0.0013 U
Xylenes, Total	0.26	100	0.0024 U	0.0021 U	0.0023 U	0.0027 U

Table 1
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

Compound	AKRF Sample ID		SB-03_1-3_20220308	SB-03_12-14_20220308	SB-04_1-3_20220307	SB-04_12-14_20220307
	NYSDEC UUSCO	NYSDEC RRSCO	460-253911-5	460-253911-6	460-253843-1	460-253843-2
	Date Sampled		3/08/2022	3/08/2022	3/07/2022	3/07/2022
	Unit		mg/kg	mg/kg	mg/kg	mg/kg
	Dilution Factor		1	1	1	1
	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0012 U	0.0014 U	0.0012 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.0012 U	0.0014 U	0.0012 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.0012 U	0.0014 U	0.0012 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	0.0012 U	0.0014 U	0.0012 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.0012 U	0.0014 U	0.0012 U	0.0012 U
1,2-Dichloropropane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	0.0012 U	0.0014 U	0.0012 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	0.0012 U	0.0014 U	0.0012 U	0.0012 U
2-Hexanone	NS	NS	0.0061 U	0.007 U	0.006 U	0.0061 U
Acetone	0.05	100	0.0073 U	0.0084 U	0.0072 U	0.0074 U
Benzene	0.06	4.8	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Bromochloromethane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Bromodichloromethane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Bromoform	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Bromomethane	NS	NS	0.0024 U	0.0028 U	0.0024 U	0.0025 U
Carbon Disulfide	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Chlorobenzene	1.1	100	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Chloroethane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Chloroform	0.37	49	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Chloromethane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Cyclohexane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Dibromochloromethane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Dichlorodifluoromethane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Ethylbenzene	1	41	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
M,P-Xylenes	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Methyl Acetate	NS	NS	0.0061 U	0.007 U	0.006 U	0.0061 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0061 U	0.007 U	0.006 U	0.0061 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0061 U	0.007 U	0.006 U	0.0061 U
Methylcyclohexane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Methylene Chloride	0.05	100	0.0024 U	0.0028 U	0.0024 U	0.0025 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Styrene	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Tert-Butyl Methyl Ether	0.93	100	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	19	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Toluene	0.7	100	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Trichlorofluoromethane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.0012 U	0.0014 U	0.0012 U	0.0012 U
Xylenes, Total	0.26	100	0.0024 U	0.0028 U	0.0024 U	0.0025 U

Table 1
445 East 163rd Street
Bronx, NY

Subsurface (Phase II) Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

Compound	AKRF Sample ID		SB-05_1-3_20220307	SB-05_12-14_20220307	SB-06_1-3_20220307	SB-06_12-14_20220307
	NYSDEC UUSCO	NYSDEC RRSCO	460-253843-3	460-253843-4	460-253843-5	460-253843-6
	Laboratory Sample ID		3/07/2022	3/07/2022	3/07/2022	3/07/2022
	Date Sampled		mg/kg	mg/kg	mg/kg	mg/kg
	Unit		1	1	1	1
	Dilution Factor		CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0012 U	0.0011 U	0.0012 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.0012 U	0.0011 U	0.0012 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.0012 U	0.0011 U	0.0012 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	0.0012 U	0.0011 U	0.0012 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.0012 U	0.0011 U	0.0012 U	0.0012 U
1,2-Dichloropropane	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	0.0012 U	0.0011 U	0.0012 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	0.0012 U	0.0011 U	0.0012 U	0.0012 U
2-Hexanone	NS	NS	0.0062 U	0.0057 U	0.0058 U	0.0059 U
Acetone	0.05	100	0.0075 U	0.0068 U	0.007 U	0.0071 U
Benzene	0.06	4.8	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Bromochloromethane	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Bromodichloromethane	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Bromoform	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Bromomethane	NS	NS	0.0025 U	0.0023 U	0.0023 U	0.0024 U
Carbon Disulfide	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Chlorobenzene	1.1	100	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Chloroethane	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Chloroform	0.37	49	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Chloromethane	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Cyclohexane	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Dibromochloromethane	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Dichlorodifluoromethane	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Ethylbenzene	1	41	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
M,P-Xylenes	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Methyl Acetate	NS	NS	0.0062 U	0.0057 U	0.0058 U	0.0059 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0062 U	0.0057 U	0.0058 U	0.0059 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0062 U	0.0057 U	0.0058 U	0.0059 U
Methylcyclohexane	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Methylene Chloride	0.05	100	0.0025 U	0.0023 U	0.0023 U	0.0024 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Styrene	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Tert-Butyl Methyl Ether	0.93	100	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	19	0.00097 J	0.0011 U	0.0012 U	0.0012 U
Toluene	0.7	100	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Trichlorofluoromethane	NS	NS	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.0012 U	0.0011 U	0.0012 U	0.0012 U
Xylenes, Total	0.26	100	0.0025 U	0.0023 U	0.0023 U	0.0024 U

Table 1
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

Compound	AKRF Sample ID		SB-07_1-3_20220308	SB-07_12-14_20220308	SB-08_1-3_20220308	SB-08_12-14_20220308
	NYSDEC UUSCO	NYSDEC RRSCO	460-253911-7	460-253911-8	460-253911-9	460-253911-10
	Laboratory Sample ID		3/08/2022	3/08/2022	3/08/2022	3/08/2022
	Date Sampled		mg/kg	mg/kg	mg/kg	mg/kg
	Unit		1	1	1	1
	Dilution Factor		CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0011 U	0.0012 U	0.001 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.0011 U	0.0012 U	0.001 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.0011 U	0.0012 U	0.001 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	0.0011 U	0.0012 U	0.001 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.0011 U	0.0012 U	0.001 U	0.0011 U
1,2-Dichloropropane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
1,3-Dichlorobenzene	2.4	49	0.0011 U	0.0012 U	0.001 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	0.0011 U	0.0012 U	0.001 U	0.0011 U
2-Hexanone	NS	NS	0.0055 U	0.0058 U	0.0052 U	0.0056 U
Acetone	0.05	100	0.0066 U	0.007 U	0.0063 U	0.0067 U
Benzene	0.06	4.8	0.0011 U	0.0012 U	0.001 U	0.0011 U
Bromochloromethane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
Bromodichloromethane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
Bromoform	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
Bromomethane	NS	NS	0.0022 U	0.0023 U	0.0021 U	0.0022 U
Carbon Disulfide	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.0011 U	0.0012 U	0.001 U	0.0011 U
Chlorobenzene	1.1	100	0.0011 U	0.0012 U	0.001 U	0.0011 U
Chloroethane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
Chloroform	0.37	49	0.0011 U	0.0012 U	0.001 U	0.0011 U
Chloromethane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.0011 U	0.0012 U	0.001 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
Cyclohexane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
Dibromochloromethane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
Dichlorodifluoromethane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
Ethylbenzene	1	41	0.0011 U	0.0012 U	0.001 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
M,P-Xylenes	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
Methyl Acetate	NS	NS	0.0055 U	0.0058 U	0.0052 U	0.0056 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0055 U	0.0058 U	0.0052 U	0.0056 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0055 U	0.0058 U	0.0052 U	0.0056 U
Methylcyclohexane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
Methylene Chloride	0.05	100	0.0022 U	0.0023 U	0.0021 U	0.0022 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
Styrene	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
Tert-Butyl Methyl Ether	0.93	100	0.0011 U	0.0012 U	0.001 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	19	0.0011 U	0.0012 U	0.001 U	0.0011 U
Toluene	0.7	100	0.0011 U	0.0012 U	0.001 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.0011 U	0.0012 U	0.001 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.0011 U	0.0012 U	0.001 U	0.0011 U
Trichlorofluoromethane	NS	NS	0.0011 U	0.0012 U	0.001 U	0.0011 U
Vinyl Chloride	0.02	0.9	0.0011 U	0.0012 U	0.001 U	0.0011 U
Xylenes, Total	0.26	100	0.0022 U	0.0023 U	0.0021 U	0.0022 U

Table 1
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

Compound	AKRF Sample ID		SB-09_1-3_20220307	SB-09_12-14_20220307	SB-10_1-3_20220307	SB-10_12-14_20220307
	NYSDEC UUSCO	NYSDEC RRSCO	460-253843-7	460-253843-8	460-253843-9	460-253843-10
	Laboratory Sample ID		3/07/2022	3/07/2022	3/07/2022	3/07/2022
	Date Sampled		mg/kg	mg/kg	mg/kg	mg/kg
	Unit		1	1	1	1
	Dilution Factor		CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0013 U	0.0014 U	0.0012 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.0013 U	0.0014 U	0.0012 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.0013 U	0.0014 U	0.0012 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	0.0013 U	0.0014 U	0.0012 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.0013 U	0.0014 U	0.0012 U	0.0012 U
1,2-Dichloropropane	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	0.0013 U	0.0014 U	0.0012 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	0.0013 U	0.0014 U	0.0012 U	0.0012 U
2-Hexanone	NS	NS	0.0064 U	0.0072 U	0.0061 U	0.006 U
Acetone	0.05	100	0.0076 U	0.0087 U	0.0073 U	0.0072 U
Benzene	0.06	4.8	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Bromochloromethane	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Bromodichloromethane	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Bromoform	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Bromomethane	NS	NS	0.0025 U	0.0029 U	0.0024 U	0.0024 U
Carbon Disulfide	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Chlorobenzene	1.1	100	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Chloroethane	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Chloroform	0.37	49	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Chloromethane	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Cyclohexane	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Dibromochloromethane	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Dichlorodifluoromethane	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Ethylbenzene	1	41	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
M,P-Xylenes	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Methyl Acetate	NS	NS	0.0064 U	0.0072 U	0.0061 U	0.006 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0064 U	0.0072 U	0.0061 U	0.006 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0064 U	0.0072 U	0.0061 U	0.006 U
Methylcyclohexane	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Methylene Chloride	0.05	100	0.0025 U	0.0029 U	0.0024 U	0.0024 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Styrene	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Tert-Butyl Methyl Ether	0.93	100	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	19	0.0013 U	0.0014 U	0.00051 J	0.0012 U
Toluene	0.7	100	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Trichlorofluoromethane	NS	NS	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.0013 U	0.0014 U	0.0012 U	0.0012 U
Xylenes, Total	0.26	100	0.0025 U	0.0029 U	0.0024 U	0.0024 U

Table 2
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	SB-01_1-3_20220308 460-253911-1 3/08/2022 mg/kg 1		SB-01_12-14_20220308 460-253911-2 3/08/2022 mg/kg 1		SB-02_1-3_20220308 460-253911-3 3/08/2022 mg/kg 1		SB-02_12-14_20220308 460-253911-4 3/08/2022 mg/kg 1		SB-03_1-3_20220308 460-253911-5 3/08/2022 mg/kg 1		SB-03_12-14_20220308 460-253911-6 3/08/2022 mg/kg 1	
	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q		
1,2,4,5-Tetrachlorobenzene	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
1,4-Dioxane (P-Dioxane)	0.1	13	0.038 U	0.035 U	0.0039 U	0.041 U	0.036 U	0.041 U				
2,3,4,6-Tetrachlorophenol	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
2,4,5-Trichlorophenol	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.14 U	0.0016 U	0.16 U	0.15 U	0.17 U				
2,4-Dichlorophenol	NS	NS	0.15 U	0.14 U	0.0016 U	0.16 U	0.15 U	0.17 U				
2,4-Dimethylphenol	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
2,4-Dinitrophenol	NS	NS	0.31 U	0.28 U	0.0031 U	0.33 U	0.29 U	0.33 U				
2,4-Dinitrotoluene	NS	NS	0.078 U	0.07 U	0.00078 U	0.082 U	0.073 U	0.084 U				
2,6-Dinitrotoluene	NS	NS	0.078 U	0.07 U	0.00078 U	0.082 U	0.073 U	0.084 U				
2-Chloronaphthalene	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
2-Chlorophenol	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
2-Methylnaphthalene	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
2-Methylphenol (O-Cresol)	0.33	100	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
2-Nitroaniline	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
2-Nitrophenol	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.14 U	0.0016 U	0.16 U	0.15 U	0.17 U				
3-Nitroaniline	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
4,6-Dinitro-2-Methylphenol	NS	NS	0.31 U	0.28 U	0.0031 U	0.33 U	0.29 U	0.33 U				
4-Bromophenyl Phenyl Ether	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
4-Chloro-3-Methylphenol	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
4-Chloroaniline	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
4-Chlorophenyl Phenyl Ether	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
4-Methylphenol (P-Cresol)	0.33	100	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
4-Nitroaniline	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
4-Nitrophenol	NS	NS	0.78 U	0.7 U	0.0078 U	0.82 U	0.73 U	0.84 U				
Acenaphthene	20	100	0.012 J	0.35 U	0.00019 J	0.41 U	0.011 J	0.41 U				
Acenaphthylene	100	100	0.079 J	0.35 U	0.00044 J	0.41 U	0.057 J	0.41 U				
Acetophenone	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
Anthracene	100	100	0.043 J	0.35 U	0.00067 J	0.41 U	0.052 J	0.41 U				
Atrazine	NS	NS	0.15 U	0.14 U	0.0016 U	0.16 U	0.15 U	0.17 U				
Benzaldehyde	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
Benzo(a)Anthracene	1	1	0.3	0.035 U	0.0042	0.041 U	0.6	0.041 U				
Benzo(a)Pyrene	1	1	0.3	0.035 U	0.0039	0.041 U	0.28	0.041 U				
Benzo(b)Fluoranthene	1	1	0.42	0.035 U	0.0055	0.041 U	0.37	0.041 U				
Benzo(g,h,i)Perylene	100	100	0.22 J	0.35 U	0.0028 J	0.41 U	0.21 J	0.41 U				
Benzo(k)Fluoranthene	0.8	3.9	0.14	0.035 U	0.0027	0.041 U	0.14	0.041 U				
Benzyl Butyl Phthalate	NS	NS	0.38 U	0.35 U	0.00033 J	0.41 U	0.23 J	0.41 U				
Biphenyl (Diphenyl)	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
Bis(2-Chloroethoxy) Methane	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.038 U	0.035 U	0.00039 U	0.041 U	0.036 U	0.041 U				
Bis(2-Chloroisopropyl) Ether	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.036 J	0.35 U	0.00029 J	0.41 U	0.79	0.41 U				
Caprolactam	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
Carbazole	NS	NS	0.016 J	0.35 U	0.00026 J	0.41 U	0.022 J	0.41 U				
Chrysene	1	3.9	0.3 J	0.35 U	0.0042	0.41 U	0.26 J	0.41 U				
Dibenz(a,h)Anthracene	0.33	0.33	0.065	0.035 U	0.00046	0.041 U	0.057	0.041 U				
Dibenzofuran	7	59	0.008 J	0.35 U	0.00011 J	0.41 U	0.0077 J	0.41 U				
Diethyl Phthalate	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
Dimethyl Phthalate	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
Di-N-Butyl Phthalate	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.25 J	0.41 U				
Di-N-Octylphthalate	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
Fluoranthene	100	100	0.47	0.35 U	0.007	0.41 U	0.4	0.41 U				
Fluorene	30	100	0.38 U	0.35 U	0.00019 J	0.41 U	0.015 J	0.41 U				
Hexachlorobenzene	0.33	1.2	0.038 U	0.035 U	0.00039 U	0.041 U	0.036 U	0.041 U				
Hexachlorobutadiene	NS	NS	0.078 U	0.07 U	0.00078 U	0.082 U	0.073 U	0.084 U				
Hexachlorocyclopentadiene	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
Hexachloroethane	NS	NS	0.038 U	0.035 U	0.00039 U	0.041 U	0.036 U	0.041 U				
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.26	0.035 U	0.004	0.041 U	0.24	0.041 U				
Isophorone	NS	NS	0.15 U	0.14 U	0.0016 U	0.16 U	0.15 U	0.17 U				
Naphthalene	12	100	0.015 J	0.35 U	0.00016 J	0.41 U	0.013 J	0.41 U				
Nitrobenzene	NS	NS	0.038 U	0.035 U	0.00039 U	0.041 U	0.036 U	0.041 U				
N-Nitrosodi-N-Propylamine	NS	NS	0.038 U	0.035 U	0.00039 U	0.041 U	0.036 U	0.041 U				
N-Nitrosodiphenylamine	NS	NS	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
Pentachlorophenol	0.8	6.7	0.31 U	0.28 U	0.0031 U	0.33 U	0.29 U	0.33 U				
Phenanthrene	100	100	0.15 J	0.35 U	0.0031 J	0.41 U	0.19 J	0.41 U				
Phenol	0.33	100	0.38 U	0.35 U	0.0039 U	0.41 U	0.36 U	0.41 U				
Pyrene	100	100	0.57	0.35 U	0.0064	0.41 U	0.43	0.41 U				

Table 2
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	SB-04_1-3_20220307 460-253843-1 3/07/2022 mg/kg 1		SB-04_12-14_20220307 460-253843-2 3/07/2022 mg/kg 1		SB-05_1-3_20220307 460-253843-3 3/07/2022 mg/kg 1		SB-05_12-14_20220307 460-253843-4 3/07/2022 mg/kg 1		SB-06_1-3_20220307 460-253843-5 3/07/2022 mg/kg 1		SB-06_12-14_20220307 460-253843-6 3/07/2022 mg/kg 1	
	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q		
1,2,4,5-Tetrachlorobenzene	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
1,4-Dioxane (P-Dioxane)	0.1	13	0.037 U	0.034 U	0.034 U	0.034 U	0.034 U	0.037 U	0.034 U			
2,3,4,6-Tetrachlorophenol	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
2,4,5-Trichlorophenol	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.14 U			
2,4-Dichlorophenol	NS	NS	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.14 U			
2,4-Dimethylphenol	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
2,4-Dinitrophenol	NS	NS	0.3 U	0.27 U	0.28 U	0.27 U	0.27 U	0.3 U	0.27 U			
2,4-Dinitrotoluene	NS	NS	0.076 U	0.069 U	0.07 U	0.069 U	0.069 U	0.075 U	0.068 U			
2,6-Dinitrotoluene	NS	NS	0.076 U	0.069 U	0.069 U	0.069 U	0.07 U	0.075 U	0.068 U			
2-Chloronaphthalene	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
2-Chlorophenol	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
2-Methylnaphthalene	NS	NS	0.017 J	0.34 U	0.34 U	0.34 U	0.34 U	0.022 J	0.34 U			
2-Methylphenol (O-Cresol)	0.33	100	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
2-Nitroaniline	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
2-Nitrophenol	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.14 U			
3-Nitroaniline	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
4,6-Dinitro-2-Methylphenol	NS	NS	0.3 U	0.27 U	0.28 U	0.27 U	0.27 U	0.3 U	0.27 U			
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
4-Chloro-3-Methylphenol	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
4-Chloroaniline	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
4-Methylphenol (P-Cresol)	0.33	100	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
4-Nitroaniline	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
4-Nitrophenol	NS	NS	0.76 U	0.69 U	0.7 U	0.69 U	0.69 U	0.75 U	0.68 U			
Acenaphthene	20	100	0.11 J	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
Acenaphthylene	100	100	0.14 J	0.34 U	0.18 J	0.34 U	0.34 U	0.26 J	0.34 U			
Acetophenone	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
Anthracene	100	100	0.43	0.34 U	0.34 U	0.093 J	0.34 U	0.099 J	0.34 U			
Atrazine	NS	NS	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.14 U			
Benzaldehyde	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
Benzo(a)Anthracene	1	1	1.8	0.034 U	0.81	0.034 U	0.034 U	1.5	0.034 U			
Benzo(a)Pyrene	1	1	1.6	0.034 U	0.72	0.034 U	0.034 U	2	0.034 U			
Benzo(b)Fluoranthene	1	1	2.1	0.034 U	1	0.034 U	0.034 U	2.4	0.034 U			
Benzo(g,h,i)Perylene	100	100	0.91	0.34 U	0.51	0.34 U	0.34 U	1.3	0.34 U			
Benzo(k)Fluoranthene	0.8	3.9	0.75	0.034 U	0.42	0.034 U	0.034 U	1	0.034 U			
Benzyl Butyl Phthalate	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
Biphenyl (Diphenyl)	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.034 U	0.034 U	0.034 U	0.034 U	0.037 U	0.034 U			
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.077 J	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
Caprolactam	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
Carbazole	NS	NS	0.15 J	0.34 U	0.02 J	0.34 U	0.34 U	0.07 J	0.34 U			
Chrysene	1	3.9	1.6	0.34 U	0.84	0.34 U	0.34 U	1.5	0.34 U			
Dibenz(a,h)Anthracene	0.33	0.33	0.29	0.034 U	0.16	0.034 U	0.034 U	0.32	0.034 U			
Dibenzofuran	7	59	0.065 J	0.34 U	0.34 U	0.34 U	0.34 U	0.015 J	0.34 U			
Diethyl Phthalate	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
Dimethyl Phthalate	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
Di-N-Butyl Phthalate	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
Di-N-Octylphthalate	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
Fluoranthene	100	100	3.4	0.34 U	100	1.4	0.34 U	1.6	0.34 U			
Fluorene	30	100	0.14 J	0.34 U	0.34 U	0.34 U	0.34 U	0.016 J	0.34 U			
Hexachlorobenzene	0.33	1.2	0.037 U	0.034 U	0.034 U	0.034 U	0.034 U	0.037 U	0.034 U			
Hexachlorobutadiene	NS	NS	0.076 U	0.069 U	0.069 U	0.069 U	0.069 U	0.075 U	0.068 U			
Hexachlorocyclopentadiene	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
Hexachloroethane	NS	NS	0.037 U	0.034 U	0.034 U	0.034 U	0.034 U	0.037 U	0.034 U			
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	1.1	0.034 U	0.6	0.034 U	0.034 U	1.5	0.034 U			
Isophorone	NS	NS	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.14 U			
Naphthalene	12	100	0.047 J	0.34 U	0.34 U	0.34 U	0.34 U	0.15 J	0.34 U			
Nitrobenzene	NS	NS	0.037 U	0.034 U	0.034 U	0.034 U	0.034 U	0.037 U	0.034 U			
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.034 U	0.034 U	0.034 U	0.034 U	0.037 U	0.034 U			
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
Pentachlorophenol	0.8	6.7	0.3 U	0.27 U	0.28 U	0.27 U	0.27 U	0.3 U	0.27 U			
Phenanthrene	100	100	1.7	0.34 U	0.35	0.34 U	0.34 U	0.42	0.34 U			
Phenol	0.33	100	0.37 U	0.34 U	0.34 U	0.34 U	0.34 U	0.37 U	0.34 U			
Pyrene	100	100	2.7	0.34 U	1.2	0.34 U	0.34 U	2.1	0.34 U			

Table 2
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	SB-07_1-3_20220308 460-253911-7 3/08/2022 mg/kg 1		SB-07_12-14_20220308 460-253911-8 3/08/2022 mg/kg 1		SB-08_1-3_20220308 460-253911-9 3/08/2022 mg/kg 1		SB-08_12-14_20220308 460-253911-10 3/08/2022 mg/kg 1		SB-09_1-3_20220307 460-253843-7 3/07/2022 mg/kg 1		SB-09_12-14_20220307 460-253843-8 3/07/2022 mg/kg 1	
	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
	Compound											
1,2,4,5-Tetrachlorobenzene	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
1,4-Dioxane (P-Dioxane)	0.1	13	0.035 U	0.034 U	0.037 U	0.035 U	0.037 U	0.035 U	0.037 U	0.035 U	0.035 U	
2,3,4,6-Tetrachlorophenol	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
2,4,5-Trichlorophenol	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
2,4,6-Trichlorophenol	NS	NS	0.14 U	0.14 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.14 U	
2,4-Dichlorophenol	NS	NS	0.14 U	0.14 U	0.15 U	0.14 U	0.15 U	0.14 U	0.15 U	0.14 U	0.14 U	
2,4-Dimethylphenol	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
2,4-Dinitrophenol	NS	NS	0.28 U	0.27 U	0.3 U	0.28 U	0.28 U	0.3 U	0.3 U	0.28 U	0.28 U	
2,4-Dinitrotoluene	NS	NS	0.072 U	0.069 U	0.076 U	0.071 U	0.071 U	0.075 U	0.075 U	0.071 U	0.071 U	
2,6-Dinitrotoluene	NS	NS	0.072 U	0.069 U	0.076 U	0.071 U	0.071 U	0.075 U	0.075 U	0.071 U	0.071 U	
2-Chloronaphthalene	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
2-Chlorophenol	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
2-Methylnaphthalene	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.022 J	0.35 U	0.35 U	
2-Methylphenol (O-Cresol)	0.33	100	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
2-Nitroaniline	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
2-Nitrophenol	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.14 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.14 U	
3-Nitroaniline	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
4,6-Dinitro-2-Methylphenol	NS	NS	0.28 U	0.27 U	0.3 U	0.28 U	0.28 U	0.3 U	0.3 U	0.28 U	0.28 U	
4-Bromophenyl Phenyl Ether	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
4-Chloro-3-Methylphenol	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
4-Chloroaniline	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
4-Chlorophenyl Phenyl Ether	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
4-Methylphenol (P-Cresol)	0.33	100	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
4-Nitroaniline	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
4-Nitrophenol	NS	NS	0.72 U	0.69 U	0.76 U	0.71 U	0.71 U	0.75 U	0.75 U	0.71 U	0.71 U	
Acenaphthene	20	100	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
Acenaphthylene	100	100	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.16 J	0.35 U	0.35 U	
Acetophenone	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
Anthracene	100	100	0.011 J	0.34 U	0.019 J	0.35 U	0.35 U	0.077 J	0.077 J	0.35 U	0.35 U	
Atrazine	NS	NS	0.14 U	0.14 U	0.15 U	0.14 U	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	
Benzaldehyde	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
Benzo(a)Anthracene	1	1	0.054	0.034 U	0.12	0.035 U	0.13	1.3	1.3	0.035 U	0.035 U	
Benzo(a)Pyrene	1	1	0.042	0.034 U	0.13	0.035 U	0.16	1.6	1.6	0.035 U	0.035 U	
Benzo(b)Fluoranthene	1	1	0.059	0.034 U	0.17	0.035 U	0.21	2.1	2.1	0.035 U	0.035 U	
Benzo(g,h,i)Perylene	100	100	0.35 U	0.34 U	0.12 J	0.35 U	1.5	1.5	1.5	0.35 U	0.35 U	
Benzo(k)Fluoranthene	0.8	3.9	0.034 J	0.034 U	0.084	0.035 U	0.97	0.97	0.97	0.035 U	0.035 U	
Benzyl Butyl Phthalate	NS	NS	0.35 U	0.34 U	0.034 J	0.35 U	0.37 U	0.37 U	0.37 U	0.35 U	0.35 U	
Biphenyl (Diphenyl)	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.016 J	0.35 U	0.35 U	
Bis(2-Chloroethoxy) Methane	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.035 U	0.034 U	0.037 U	0.035 U	0.037 U	0.037 U	0.037 U	0.035 U	0.035 U	
Bis(2-Chloroisopropyl) Ether	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.35 U	0.34 U	0.021 J	0.35 U	0.033 J	0.033 J	0.033 J	0.027 J	0.027 J	
Caprolactam	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
Carbazole	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.058 J	0.35 U	0.35 U	
Chrysene	1	3.9	0.053 J	0.34 U	0.12 J	0.35 U	1.3	1.3	1.3	0.35 U	0.35 U	
Dibenz(a,h)Anthracene	0.33	0.33	0.035 U	0.034 U	0.037 U	0.035 U	0.38	0.38	0.38	0.035 U	0.035 U	
Dibenzofuran	7	59	0.35 U	0.34 U	0.37 U	0.35 U	0.014 J	0.014 J	0.014 J	0.35 U	0.35 U	
Diethyl Phthalate	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
Dimethyl Phthalate	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
Di-N-Butyl Phthalate	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
Di-N-Octylphthalate	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
Fluoranthene	100	100	0.098 J	0.34 U	0.2 J	0.35 U	1.5	1.5	1.5	0.35 U	0.35 U	
Fluorene	30	100	0.35 U	0.34 U	0.37 U	0.35 U	0.0075 J	0.0075 J	0.0075 J	0.35 U	0.35 U	
Hexachlorobenzene	0.33	1.2	0.035 U	0.034 U	0.037 U	0.035 U	0.037 U	0.037 U	0.037 U	0.035 U	0.035 U	
Hexachlorobutadiene	NS	NS	0.072 U	0.069 U	0.076 U	0.071 U	0.071 U	0.075 U	0.075 U	0.071 U	0.071 U	
Hexachlorocyclopentadiene	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.35 U	0.37 U	0.35 U	0.35 U	
Hexachloroethane	NS	NS	0.035 U	0.034 U	0.037 U	0.035 U	0.037 U	0.037 U	0.037 U	0.035 U	0.035 U	
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.056	0.034 U	0.16	0.035 U	1.5	1.5	1.5	0.035 U	0.035 U	
Isophorone	NS	NS	0.14 U	0.14 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.14 U	
Naphthalene	12	100	0.35 U	0.34 U	0.37 U	0.35 U	0.14 J	0.14 J	0.14 J	0.35 U	0.35 U	
Nitrobenzene	NS	NS	0.035 U	0.034 U	0.037 U	0.035 U	0.037 U	0.037 U	0.037 U	0.035 U	0.035 U	
N-Nitrosodi-N-Propylamine	NS	NS	0.035 U	0.034 U	0.037 U	0.035 U	0.037 U	0.037 U	0.037 U	0.035 U	0.035 U	
N-Nitrosodiphenylamine	NS	NS	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.37 U	0.37 U	0.35 U	0.35 U	
Pentachlorophenol	0.8	6.7	0.28 U	0.27 U	0.3 U	0.28 U	0.3 U	0.3 U	0.3 U	0.28 U	0.28 U	
Phenanthrene	100	100	0.036 J	0.34 U	0.077 J	0.0095 J	0.51	0.51	0.51	0.35 U	0.35 U	
Phenol	0.33	100	0.35 U	0.34 U	0.37 U	0.35 U	0.37 U	0.37 U	0.37 U	0.35 U	0.35 U	
Pyrene	100	100	0.094 J	0.34 U	0.18 J	0.0099 J	1.9	1.9	1.9	0.35 U	0.35 U	

Table 2
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

AKRF Sample ID			SB-10_1-3_20220307	SB-10_12-14_20220307
Laboratory Sample ID			460-253843-9	460-253843-10
Date Sampled			3/07/2022	3/07/2022
Unit			mg/kg	mg/kg
Dilution Factor			1	1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	0.34 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.036 U	0.034 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.36 U	0.34 U
2,4,5-Trichlorophenol	NS	NS	0.36 U	0.34 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.14 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.14 U
2,4-Dimethylphenol	NS	NS	0.36 U	0.34 U
2,4-Dinitrophenol	NS	NS	0.29 U	0.27 U
2,4-Dinitrotoluene	NS	NS	0.073 U	0.069 U
2,6-Dinitrotoluene	NS	NS	0.073 U	0.069 U
2-Chloronaphthalene	NS	NS	0.36 U	0.34 U
2-Chlorophenol	NS	NS	0.36 U	0.34 U
2-Methylnaphthalene	NS	NS	0.36 U	0.34 U
2-Methylphenol (O-Cresol)	0.33	100	0.36 U	0.34 U
2-Nitroaniline	NS	NS	0.36 U	0.34 U
2-Nitrophenol	NS	NS	0.36 U	0.34 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.14 U
3-Nitroaniline	NS	NS	0.36 U	0.34 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.27 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	0.34 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	0.34 U
4-Chloroaniline	NS	NS	0.36 U	0.34 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	0.34 U
4-Methylphenol (P-Cresol)	0.33	100	0.36 U	0.34 U
4-Nitroaniline	NS	NS	0.36 U	0.34 U
4-Nitrophenol	NS	NS	0.73 U	0.69 U
Acenaphthene	20	100	0.36 U	0.34 U
Acenaphthylene	100	100	0.034 J	0.34 U
Acetophenone	NS	NS	0.36 U	0.34 U
Anthracene	100	100	0.022 J	0.34 U
Atrazine	NS	NS	0.15 U	0.14 U
Benzaldehyde	NS	NS	0.36 U	0.34 U
Benzo(a)Anthracene	1	1	0.28	0.034 U
Benzo(a)Pyrene	1	1	0.36	0.034 U
Benzo(b)Fluoranthene	1	1	0.49	0.034 U
Benzo(g,h,i)Perylene	100	100	0.28 J	0.34 U
Benzo(k)Fluoranthene	0.8	3.9	0.16	0.034 U
Benzyl Butyl Phthalate	NS	NS	0.36 U	0.34 U
Biphenyl (Diphenyl)	NS	NS	0.36 U	0.34 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	0.34 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	0.034 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	0.34 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.032 J	0.34 U
Caprolactam	NS	NS	0.36 U	0.34 U
Carbazole	NS	NS	0.034 J	0.34 U
Chrysene	1	3.9	0.34 J	0.34 U
Dibenz(a,h)Anthracene	0.33	0.33	0.072	0.034 U
Dibenzofuran	7	59	0.0052 J	0.34 U
Diethyl Phthalate	NS	NS	0.36 U	0.34 U
Dimethyl Phthalate	NS	NS	0.36 U	0.34 U
Di-N-Butyl Phthalate	NS	NS	0.36 U	0.34 U
Di-N-Octylphthalate	NS	NS	0.36 U	0.34 U
Fluoranthene	100	100	0.46	0.34 U
Fluorene	30	100	0.0064 J	0.34 U
Hexachlorobenzene	0.33	1.2	0.036 U	0.034 U
Hexachlorobutadiene	NS	NS	0.073 U	0.069 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.34 U
Hexachloroethane	NS	NS	0.036 U	0.034 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.3	0.034 U
Isophorone	NS	NS	0.15 U	0.14 U
Naphthalene	12	100	0.018 J	0.34 U
Nitrobenzene	NS	NS	0.036 U	0.034 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	0.034 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.34 U
Pentachlorophenol	0.8	6.7	0.29 U	0.27 U
Phenanthrene	100	100	0.2 J	0.34 U
Phenol	0.33	100	0.36 U	0.34 U
Pyrene	100	100	0.46	0.34 U

Table 3
 445 East 163rd Street
 Bronx, NY
 Subsurface (Phase II) Investigation
 Soil Analytical Results of Metals

AKRF Sample ID		SB-01_1-3_20220308	SB-01_12-14_20220308	SB-02_1-3_20220308	SB-02_1-3_20220308	SB-02_12-14_20220308
Laboratory Sample ID		460-253911-1	460-253911-2	460-253911-3	460-253911-3	460-253911-4
Date Sampled		3/08/2022	3/08/2022	3/08/2022	3/08/2022	3/08/2022
Unit		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Dilution Factor		1	1	1	5	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	8,170	6,150	7,590	11,800
Antimony	NS	NS	0.19 J	0.8 U	0.9 U	0.99 U
Arsenic	13	16	2.8	1.1	2.1	1.1
Barium	350	400	66.4	41.8	40.1	82
Beryllium	7.2	72	0.4	0.18 J	0.26 J	0.41
Cadmium	2.5	4.3	0.87 U	0.8 U	0.9 U	0.13 J
Calcium	NS	NS	14,100	1,510	NR	1,680
Chromium, Total	NS	NS	18.7	13.8	15.8	32.2
Cobalt	NS	NS	7.3	4.8	4.2	8.6
Copper	50	270	20.2	16.5	16.3	20
Iron	NS	NS	14,200	12,000	10,600	18,600
Lead	63	400	49.4	3.4	15.3	6
Magnesium	NS	NS	5,300	2,900	10,200	6,340
Manganese	1,600	2,000	223	164	172	406
Mercury	0.18	0.81	0.12	0.017 U	0.48	0.012 J
Nickel	30	310	14	11.9	11.1	23.2
Potassium	NS	NS	2,780	1,100	978	2,640
Selenium	3.9	180	0.18 J	1 U	1.1 U	1.2 U
Silver	2	180	0.87 U	0.8 U	0.9 U	0.99 U
Sodium	NS	NS	500	185	244	124
Thallium	NS	NS	0.17 J	0.12 J	0.059 J	0.23 J
Vanadium	NS	NS	24.4	18.7	17.6	31.9
Zinc	109	10,000	61.8	27.4	29.4	53.8

Table 3
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Metals

AKRF Sample ID		SB-03_1-3_20220308	SB-03_12-14_20220308	SB-04_1-3_20220307	SB-04_1-3_20220307	SB-04_12-14_20220307
Laboratory Sample ID		460-253911-5	460-253911-6	460-253843-1	460-253843-1	460-253843-2
Date Sampled		3/08/2022	3/08/2022	3/07/2022	3/07/2022	3/07/2022
Unit		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Dilution Factor		1	1	1	5	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	7,210	8,320	5,830	3,500
Antimony	NS	NS	0.17 J	0.98 U	0.7 J	0.77 U
Arsenic	13	16	3.3	1.1	3.4	0.98
Barium	350	400	123	41.1	375	19.6
Beryllium	7.2	72	0.31 J	0.34 J	0.63	0.28 J
Cadmium	2.5	4.3	0.29 J	0.98 U	0.42 J	0.77 U
Calcium	NS	NS	24,900	2,370	NR	1,370
Chromium, Total	NS	NS	17.4	20.4	11.3	11.2
Cobalt	NS	NS	5.4	7.1	4.3	4.1
Copper	50	270	24.7	18.3	34.2	12
Iron	NS	NS	14,400	15,400	11,800	7,820
Lead	63	400	145	5	134	2.2
Magnesium	NS	NS	7,750	4,710	31,300	2,330
Manganese	1,600	2,000	289	337	330	125
Mercury	0.18	0.81	0.69	0.019 U	0.18	0.0079 J
Nickel	30	310	16.5	16.4	9.1	8.8
Potassium	NS	NS	1,770	1,430	732	962
Selenium	3.9	180	0.17 J	1.2 U	0.13 J	0.97 U
Silver	2	180	0.88 U	0.98 U	0.93 U	0.77 U
Sodium	NS	NS	228	108	581	129
Thallium	NS	NS	0.11 J	0.13 J	0.11 J	0.07 J
Vanadium	NS	NS	23.3	24.5	16.1	13.3
Zinc	109	10,000	154	40.2	246	15.6

Table 3
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Metals

AKRF Sample ID		SB-05_1-3_20220307	SB-05_1-3_20220307	SB-05_12-14_20220307	SB-05_12-14_20220307	SB-06_1-3_20220307
Laboratory Sample ID		460-253843-3	460-253843-3	460-253843-4	460-253843-4	460-253843-5
Date Sampled		3/07/2022	3/07/2022	3/07/2022	3/07/2022	3/07/2022
Unit		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Dilution Factor		1	5	1	3	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	4,990	NR	NR	4,980
Antimony	NS	NS	0.13 J	NR	NR	2.3 U
Arsenic	13	16	1.5	NR	NR	0.78 J
Barium	350	400	71.9	NR	NR	30.7
Beryllium	7.2	72	0.19 J	NR	NR	0.24 J
Cadmium	2.5	4.3	0.13 J	NR	NR	2.3 U
Calcium	NS	NS	NR	165,000	NR	2,660
Chromium, Total	NS	NS	13.6	NR	NR	10.3
Cobalt	NS	NS	3.9	NR	NR	4.4 J
Copper	50	270	18.7	NR	NR	15.6
Iron	NS	NS	9,700	NR	NR	9,610
Lead	63	400	95.8	NR	NR	17.2
Magnesium	NS	NS	20,500	NR	NR	4,480
Manganese	1,600	2,000	143	NR	NR	190
Mercury	0.18	0.81	0.15	NR	0.016 U	NR
Nickel	30	310	10	NR	NR	9.8
Potassium	NS	NS	1,850	NR	NR	1,230
Selenium	3.9	180	0.12 J	NR	NR	2.9 U
Silver	2	180	0.78 U	NR	NR	2.3 U
Sodium	NS	NS	156	NR	NR	197 J
Thallium	NS	NS	0.1 J	NR	NR	0.93 U
Vanadium	NS	NS	16.6	NR	NR	15.6
Zinc	109	10,000	80.7	NR	NR	28.7

Table 3
 445 East 163rd Street
 Bronx, NY
 Subsurface (Phase II) Investigation
 Soil Analytical Results of Metals

AKRF Sample ID		SB-06_1-3_20220307	SB-06_12-14_20220307	SB-06_12-14_20220307	SB-07_1-3_20220308	SB-07_12-14_20220308
Laboratory Sample ID		460-253843-5	460-253843-6	460-253843-6	460-253911-7	460-253911-8
Date Sampled		3/07/2022	3/07/2022	3/07/2022	3/08/2022	3/08/2022
Unit		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Dilution Factor		3	1	3	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	8,200	NR	4,420	7,300
Antimony	NS	NS	11.9	NR	2.4 U	0.83 U
Arsenic	13	16	4.5	NR	0.72 J	2.5
Barium	350	400	555	NR	42.5	52
Beryllium	7.2	72	0.44 J	NR	0.18 J	0.34
Cadmium	2.5	4.3	0.59 J	NR	2.4 U	0.099 J
Calcium	NS	NS	80,600	NR	9,100	7,140
Chromium, Total	NS	NS	16.9	NR	13.1	19.3
Cobalt	NS	NS	6.1	NR	4.4 J	6.6
Copper	50	270	79.6	NR	10.7	24
Iron	NS	NS	14,000	NR	9,070	13,700
Lead	63	400	1,100	NR	14.4	42.4
Magnesium	NS	NS	30,700	NR	7,660	4,530
Manganese	1,600	2,000	345	NR	217	286
Mercury	0.18	0.81	NR	0.017 U	NR	0.24
Nickel	30	310	15.6	NR	11.3	24.1
Potassium	NS	NS	1,930	NR	1,220	1,780
Selenium	3.9	180	3.3 U	NR	3 U	0.14 J
Silver	2	180	0.44 J	NR	2.4 U	0.17 J
Sodium	NS	NS	1,280	NR	150 J	431
Thallium	NS	NS	1.1 U	NR	0.96 U	0.13 J
Vanadium	NS	NS	26.4	NR	13.6	24.7
Zinc	109	10,000	338	NR	25.9	54.8

Table 3
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Metals

AKRF Sample ID		SB-08_1-3_20220308	SB-08_12-14_20220308	SB-09_1-3_20220307	SB-09_1-3_20220307	SB-09_12-14_20220307
Laboratory Sample ID		460-253911-9	460-253911-10	460-253843-7	460-253843-7	460-253843-8
Date Sampled		3/08/2022	3/08/2022	3/07/2022	3/07/2022	3/07/2022
Unit		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Dilution Factor		1	1	1	3	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	6,990	8,850	NR	5,900
Antimony	NS	NS	0.88 U	0.83 U	NR	2.5 U
Arsenic	13	16	2.8	0.78 J	NR	5.6
Barium	350	400	53.6	74.8	NR	998
Beryllium	7.2	72	0.39	0.29 J	NR	0.38 J
Cadmium	2.5	4.3	0.13 J	0.83 U	NR	0.63 J
Calcium	NS	NS	6,560	3,650	NR	115,000
Chromium, Total	NS	NS	17.3	25.7	NR	16.8
Cobalt	NS	NS	8	8.9	NR	4.8 J
Copper	50	270	30.8	32.4	NR	22.7
Iron	NS	NS	13,600	15,900	NR	17,000
Lead	63	400	41.1	4.5	NR	209
Magnesium	NS	NS	3,810	6,450	NR	37,500
Manganese	1,600	2,000	298	243	NR	618
Mercury	0.18	0.81	0.12	0.016 U	0.091	NR
Nickel	30	310	32.2	26.1	NR	8.4
Potassium	NS	NS	1,210	1,490	NR	1,150
Selenium	3.9	180	0.12 J	1 U	NR	3.1 U
Silver	2	180	0.88 U	0.83 U	NR	2.5 U
Sodium	NS	NS	448	327	NR	410
Thallium	NS	NS	0.093 J	0.12 J	NR	0.1 J
Vanadium	NS	NS	24.2	30.2	NR	17.6
Zinc	109	10,000	57.7	36.5	NR	592

Table 3
 445 East 163rd Street
 Bronx, NY
 Subsurface (Phase II) Investigation
 Soil Analytical Results of Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-10_1-3_20220307 460-253843-9 3/07/2022 mg/kg 1	SB-10_12-14_20220307 460-253843-10 3/07/2022 mg/kg 1	SB-10_12-14_20220307 460-253843-10 3/07/2022 mg/kg 2
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	3,600	4,290	NR
Antimony	NS	NS	0.19 J	0.78 U	NR
Arsenic	13	16	2.1	1	NR
Barium	350	400	180	41.9	NR
Beryllium	7.2	72	0.19 J	1.2	NR
Cadmium	2.5	4.3	0.4 J	0.14 J	NR
Calcium	NS	NS	17,400	1,340	NR
Chromium, Total	NS	NS	7.3	8.8	NR
Cobalt	NS	NS	2.7	12.7	NR
Copper	50	270	17.1	17.7	NR
Iron	NS	NS	4,480	23,300	NR
Lead	63	400	129	2.7	NR
Magnesium	NS	NS	5,470	2,260	NR
Manganese	1,600	2,000	89.9	NR	1,100
Mercury	0.18	0.81	0.23	0.017 U	NR
Nickel	30	310	9.3	11.4	NR
Potassium	NS	NS	961	1,540 B	NR
Selenium	3.9	180	0.35 J	0.1 J	NR
Silver	2	180	0.45 J	0.78 U	NR
Sodium	NS	NS	243	81.1	NR
Thallium	NS	NS	0.059 J	0.16 J	NR
Vanadium	NS	NS	25.2	15.6	NR
Zinc	109	10,000	177	66.8	NR

Table 4
 445 East 163rd Street
 Bronx, NY
 Subsurface (Phase II) Investigation
 Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

	AKRF Sample ID	Laboratory Sample ID	Date Sampled	Unit	Dilution Factor	SB-01_1-3_20220308	SB-01_12-14_20220308	SB-02_1-3_20220308	SB-02_12-14_20220308
						460-253911-1	460-253911-2	460-253911-3	460-253911-4
						3/08/2022	3/08/2022	3/08/2022	3/08/2022
						mg/kg	mg/kg	mg/kg	mg/kg
						1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.077 U	0.07 U	0.078 U	0.082 U			
PCB-1221 (Aroclor 1221)	NS	NS	0.077 U	0.07 U	0.078 U	0.082 U			
PCB-1232 (Aroclor 1232)	NS	NS	0.077 U	0.07 U	0.078 U	0.082 U			
PCB-1242 (Aroclor 1242)	NS	NS	0.077 U	0.07 U	0.078 U	0.082 U			
PCB-1248 (Aroclor 1248)	NS	NS	0.077 U	0.07 U	0.078 U	0.082 U			
PCB-1254 (Aroclor 1254)	NS	NS	0.077 U	0.07 U	0.078 U	0.082 U			
PCB-1260 (Aroclor 1260)	NS	NS	0.077 U	0.07 U	0.078 U	0.082 U			
PCB-1262 (Aroclor 1262)	NS	NS	0.077 U	0.07 U	0.078 U	0.082 U			
PCB-1268 (Aroclor 1268)	NS	NS	0.077 U	0.07 U	0.078 U	0.082 U			
Total PCBs	0.1	1	0.077 U	0.07 U	0.078 U	0.082 U			

Table 4
 445 East 163rd Street
 Bronx, NY
 Subsurface (Phase II) Investigation
 Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	SB-03_1-3_20220308	SB-03_12-14_20220308	SB-04_1-3_20220307	SB-04_12-14_20220307
		Laboratory Sample ID	460-253911-5	460-253911-6	460-253843-1	460-253843-2
		Date Sampled	3/08/2022	3/08/2022	3/07/2022	3/07/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.073 U	0.084 U	0.076 U	0.069 U
PCB-1221 (Aroclor 1221)	NS	NS	0.073 U	0.084 U	0.076 U	0.069 U
PCB-1232 (Aroclor 1232)	NS	NS	0.073 U	0.084 U	0.076 U	0.069 U
PCB-1242 (Aroclor 1242)	NS	NS	0.073 U	0.084 U	0.076 U	0.069 U
PCB-1248 (Aroclor 1248)	NS	NS	0.073 U	0.084 U	0.076 U	0.069 U
PCB-1254 (Aroclor 1254)	NS	NS	0.073 U	0.084 U	0.076 U	0.069 U
PCB-1260 (Aroclor 1260)	NS	NS	0.073 U	0.084 U	0.076 U	0.069 U
PCB-1262 (Aroclor 1262)	NS	NS	0.073 U	0.084 U	0.076 U	0.069 U
PCB-1268 (Aroclor 1268)	NS	NS	0.073 U	0.084 U	0.076 U	0.069 U
Total PCBs	0.1	1	0.073 U	0.084 U	0.076 U	0.069 U

Table 4
 445 East 163rd Street
 Bronx, NY
 Subsurface (Phase II) Investigation
 Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

			AKRF Sample ID	SB-05_1-3_20220307	SB-05_12-14_20220307	SB-06_1-3_20220307	SB-06_12-14_20220307
			Laboratory Sample ID	460-253843-3	460-253843-4	460-253843-5	460-253843-6
			Date Sampled	3/07/2022	3/07/2022	3/07/2022	3/07/2022
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
			Dilution Factor	1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.07 U	0.068 U	0.074 U	0.069 U	0.069 U
PCB-1221 (Aroclor 1221)	NS	NS	0.07 U	0.068 U	0.074 U	0.069 U	0.069 U
PCB-1232 (Aroclor 1232)	NS	NS	0.07 U	0.068 U	0.074 U	0.069 U	0.069 U
PCB-1242 (Aroclor 1242)	NS	NS	0.07 U	0.068 U	0.074 U	0.069 U	0.069 U
PCB-1248 (Aroclor 1248)	NS	NS	0.07 U	0.068 U	0.074 U	0.069 U	0.069 U
PCB-1254 (Aroclor 1254)	NS	NS	0.07 U	0.068 U	0.074 U	0.069 U	0.069 U
PCB-1260 (Aroclor 1260)	NS	NS	0.07 U	0.068 U	0.074 U	0.069 U	0.069 U
PCB-1262 (Aroclor 1262)	NS	NS	0.07 U	0.068 U	0.074 U	0.069 U	0.069 U
PCB-1268 (Aroclor 1268)	NS	NS	0.07 U	0.068 U	0.074 U	0.069 U	0.069 U
Total PCBs	0.1	1	0.07 U	0.068 U	0.074 U	0.069 U	0.069 U

Table 4
 445 East 163rd Street
 Bronx, NY
 Subsurface (Phase II) Investigation
 Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	SB-07_1-3_20220308	SB-07_12-14_20220308	SB-08_1-3_20220308	SB-08_12-14_20220308
		Laboratory Sample ID	460-253911-7	460-253911-8	460-253911-9	460-253911-10
		Date Sampled	3/08/2022	3/08/2022	3/08/2022	3/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.071 U	0.069 U	0.076 U	0.071 U
PCB-1221 (Aroclor 1221)	NS	NS	0.071 U	0.069 U	0.076 U	0.071 U
PCB-1232 (Aroclor 1232)	NS	NS	0.071 U	0.069 U	0.076 U	0.071 U
PCB-1242 (Aroclor 1242)	NS	NS	0.071 U	0.069 U	0.076 U	0.071 U
PCB-1248 (Aroclor 1248)	NS	NS	0.071 U	0.069 U	0.076 U	0.071 U
PCB-1254 (Aroclor 1254)	NS	NS	0.071 U	0.069 U	0.076 U	0.071 U
PCB-1260 (Aroclor 1260)	NS	NS	0.071 U	0.069 U	0.076 U	0.071 U
PCB-1262 (Aroclor 1262)	NS	NS	0.071 U	0.069 U	0.076 U	0.071 U
PCB-1268 (Aroclor 1268)	NS	NS	0.071 U	0.069 U	0.076 U	0.071 U
Total PCBs	0.1	1	0.071 U	0.069 U	0.076 U	0.071 U

Table 4
 445 East 163rd Street
 Bronx, NY
 Subsurface (Phase II) Investigation
 Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

			AKRF Sample ID	SB-09_1-3_20220307	SB-09_12-14_20220307	SB-10_1-3_20220307	SB-10_12-14_20220307
			Laboratory Sample ID	460-253843-7	460-253843-8	460-253843-9	460-253843-10
			Date Sampled	3/07/2022	3/07/2022	3/07/2022	3/07/2022
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
			Dilution Factor	1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.075 U	0.071 U	0.074 U	0.069 U	0.069 U
PCB-1221 (Aroclor 1221)	NS	NS	0.075 U	0.071 U	0.074 U	0.069 U	0.069 U
PCB-1232 (Aroclor 1232)	NS	NS	0.075 U	0.071 U	0.074 U	0.069 U	0.069 U
PCB-1242 (Aroclor 1242)	NS	NS	0.075 U	0.071 U	0.074 U	0.069 U	0.069 U
PCB-1248 (Aroclor 1248)	NS	NS	0.075 U	0.071 U	0.074 U	0.069 U	0.069 U
PCB-1254 (Aroclor 1254)	NS	NS	0.075 U	0.071 U	0.074 U	0.069 U	0.069 U
PCB-1260 (Aroclor 1260)	NS	NS	0.075 U	0.071 U	0.074 U	0.069 U	0.069 U
PCB-1262 (Aroclor 1262)	NS	NS	0.075 U	0.071 U	0.074 U	0.069 U	0.069 U
PCB-1268 (Aroclor 1268)	NS	NS	0.075 U	0.071 U	0.074 U	0.069 U	0.069 U
Total PCBs	0.1	1	0.075 U	0.071 U	0.074 U	0.069 U	0.069 U

Table 5
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Pesticides

		AKRF Sample ID	SB-01_1-3_20220308	SB-01_12-14_20220308	SB-02_1-3_20220308	SB-02_12-14_20220308
		Laboratory Sample ID	460-253911-1	460-253911-2	460-253911-3	460-253911-4
		Date Sampled	3/08/2022	3/08/2022	3/08/2022	3/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0077 U	0.007 U	0.0078 U	0.0082 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0023 U	0.0021 U	0.0023 U	0.0025 U
Alpha Endosulfan	NS	NS	0.0077 U	0.007 U	0.0078 U	0.0082 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0023 U	0.0021 U	0.0023 U	0.0025 U
Beta Endosulfan	NS	NS	0.0077 U	0.007 U	0.0078 U	0.0082 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0023 U	0.0021 U	0.0023 U	0.0025 U
Dieldrin	0.005	0.2	0.0023 U	0.0021 U	0.0023 U	0.0025 U
Endosulfan Sulfate	NS	NS	0.0077 U	0.007 U	0.0078 U	0.0082 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0077 U	0.007 U	0.0078 U	0.0082 U
Endrin Aldehyde	NS	NS	0.0077 U	0.007 U	0.0078 U	0.0082 U
Endrin Ketone	NS	NS	0.0077 U	0.007 U	0.0078 U	0.0082 U
Gamma Bhc (Lindane)	0.1	1.3	0.0023 U	0.0021 U	0.0023 U	0.0025 U
Heptachlor	0.042	2.1	0.0077 U	0.007 U	0.0078 U	0.0082 U
Heptachlor Epoxide	NS	NS	0.0077 U	0.007 U	0.0078 U	0.0082 U
Methoxychlor	NS	NS	0.0077 U	0.007 U	0.0078 U	0.0082 U
P,P'-DDD	0.0033	13	0.0077 U	0.007 U	0.0078 U	0.0082 U
P,P'-DDE	0.0033	8.9	0.0077 U	0.007 U	0.0078 U	0.0082 U
P,P'-DDT	0.0033	7.9	0.0077 U	0.007 U	0.0078 U	0.0082 U
Toxaphene	NS	NS	0.077 U	0.07 U	0.078 U	0.082 U

Table 5
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Pesticides

		AKRF Sample ID	SB-03_1-3_20220308	SB-03_12-14_20220308	SB-04_1-3_20220307	SB-04_12-14_20220307
		Laboratory Sample ID	460-253911-5	460-253911-6	460-253843-1	460-253843-2
		Date Sampled	3/08/2022	3/08/2022	3/07/2022	3/07/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0073 U	0.0084 U	0.0076 U	0.0069 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0025 U	0.0023 U	0.0021 U
Alpha Endosulfan	NS	NS	0.0073 U	0.0084 U	0.0076 U	0.0069 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0025 U	0.0023 U	0.0021 U
Beta Endosulfan	NS	NS	0.0073 U	0.0084 U	0.0076 U	0.0069 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0025 U	0.0023 U	0.0021 U
Dieldrin	0.005	0.2	0.0022 U	0.0025 U	0.0023 U	0.0021 U
Endosulfan Sulfate	NS	NS	0.0073 U	0.0084 U	0.0076 U	0.0069 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0073 U	0.0084 U	0.0076 U	0.0069 U
Endrin Aldehyde	NS	NS	0.0073 U	0.0084 U	0.0076 U	0.0069 U
Endrin Ketone	NS	NS	0.0073 U	0.0084 U	0.0076 U	0.0069 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0025 U	0.0023 U	0.0021 U
Heptachlor	0.042	2.1	0.0073 U	0.0084 U	0.0076 U	0.0069 U
Heptachlor Epoxide	NS	NS	0.0073 U	0.0084 U	0.0076 U	0.0069 U
Methoxychlor	NS	NS	0.0073 U	0.0084 U	0.0076 U	0.0069 U
P,P'-DDD	0.0033	13	0.0073 U	0.0084 U	0.0076 U	0.0069 U
P,P'-DDE	0.0033	8.9	0.0052 J	0.0084 U	0.006 J	0.0069 U
P,P'-DDT	0.0033	7.9	0.021	0.0084 U	0.032	0.0069 U
Toxaphene	NS	NS	0.073 U	0.084 U	0.076 U	0.069 U

Table 5
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Pesticides

		AKRF Sample ID	SB-05_1-3_20220307	SB-05_12-14_20220307	SB-06_1-3_20220307	SB-06_12-14_20220307
		Laboratory Sample ID	460-253843-3	460-253843-4	460-253843-5	460-253843-6
		Date Sampled	3/07/2022	3/07/2022	3/07/2022	3/07/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.007 U	0.0068 U	0.0074 U	0.0069 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0021 U	0.002 U	0.0022 U	0.002 U
Alpha Endosulfan	NS	NS	0.007 U	0.0068 U	0.0074 U	0.0069 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0021 U	0.002 U	0.0022 U	0.002 U
Beta Endosulfan	NS	NS	0.007 U	0.0068 U	0.0074 U	0.0069 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0021 U	0.002 U	0.0022 U	0.002 U
Dieldrin	0.005	0.2	0.0021 U	0.002 U	0.0022 U	0.002 U
Endosulfan Sulfate	NS	NS	0.007 U	0.0068 U	0.0074 U	0.0069 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.007 U	0.0068 U	0.0074 U	0.0069 U
Endrin Aldehyde	NS	NS	0.007 U	0.0068 U	0.0074 U	0.0069 U
Endrin Ketone	NS	NS	0.007 U	0.0068 U	0.0074 U	0.0069 U
Gamma Bhc (Lindane)	0.1	1.3	0.0021 U	0.002 U	0.0022 U	0.002 U
Heptachlor	0.042	2.1	0.007 U	0.0068 U	0.0074 U	0.0069 U
Heptachlor Epoxide	NS	NS	0.007 U	0.0068 U	0.0074 U	0.0069 U
Methoxychlor	NS	NS	0.007 U	0.0068 U	0.0074 U	0.0069 U
P,P'-DDD	0.0033	13	0.007 U	0.0068 U	0.0074 U	0.0069 U
P,P'-DDE	0.0033	8.9	0.007 U	0.0068 U	0.0027 J	0.0069 U
P,P'-DDT	0.0033	7.9	0.007 U	0.0068 U	0.0074	0.0069 U
Toxaphene	NS	NS	0.07 U	0.068 U	0.074 U	0.069 U

Table 5
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Pesticides

		AKRF Sample ID	SB-07_1-3_20220308	SB-07_12-14_20220308	SB-08_1-3_20220308	SB-08_12-14_20220308
		Laboratory Sample ID	460-253911-7	460-253911-8	460-253911-9	460-253911-10
		Date Sampled	3/08/2022	3/08/2022	3/08/2022	3/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0071 U	0.0069 U	0.0076 U	0.0071 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0021 U	0.0021 U	0.0023 U	0.0021 U
Alpha Endosulfan	NS	NS	0.0071 U	0.0069 U	0.0076 U	0.0071 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0021 U	0.0021 U	0.0023 U	0.0021 U
Beta Endosulfan	NS	NS	0.0071 U	0.0069 U	0.0076 U	0.0071 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0021 U	0.0021 U	0.0023 U	0.0021 U
Dieldrin	0.005	0.2	0.0021 U	0.0021 U	0.0023 U	0.0021 U
Endosulfan Sulfate	NS	NS	0.0071 U	0.0069 U	0.0076 U	0.0071 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0071 U	0.0069 U	0.0076 U	0.0071 U
Endrin Aldehyde	NS	NS	0.0071 U	0.0069 U	0.0076 U	0.0071 U
Endrin Ketone	NS	NS	0.0071 U	0.0069 U	0.0076 U	0.0071 U
Gamma Bhc (Lindane)	0.1	1.3	0.0021 U	0.0021 U	0.0023 U	0.0021 U
Heptachlor	0.042	2.1	0.0071 U	0.0069 U	0.0076 U	0.0071 U
Heptachlor Epoxide	NS	NS	0.0071 U	0.0069 U	0.0076 U	0.0071 U
Methoxychlor	NS	NS	0.0071 U	0.0069 U	0.0076 U	0.0071 U
P,P'-DDD	0.0033	13	0.0071 U	0.0069 U	0.0076 U	0.0071 U
P,P'-DDE	0.0033	8.9	0.0041 J	0.0069 U	0.0076 U	0.0071 U
P,P'-DDT	0.0033	7.9	0.0023 J	0.0069 U	0.0076 U	0.0071 U
Toxaphene	NS	NS	0.071 U	0.069 U	0.076 U	0.071 U

Table 5
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Soil Analytical Results of Pesticides

AKRF Sample ID		SB-09_1-3_20220307	SB-09_12-14_20220307	SB-10_1-3_20220307	SB-10_12-14_20220307
Laboratory Sample ID		460-253843-7	460-253843-8	460-253843-9	460-253843-10
Date Sampled		3/07/2022	3/07/2022	3/07/2022	3/07/2022
Unit		mg/kg	mg/kg	mg/kg	mg/kg
Dilution Factor		1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0075 U	0.0071 U	0.0074 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0021 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0075 U	0.0071 U	0.0074 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0021 U	0.0022 U
Beta Endosulfan	NS	NS	0.0075 U	0.0071 U	0.0074 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0021 U	0.0022 U
Dieldrin	0.005	0.2	0.0022 U	0.0021 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0075 U	0.0071 U	0.0074 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U
Endrin	0.014	11	0.0075 U	0.0071 U	0.0074 U
Endrin Aldehyde	NS	NS	0.0075 U	0.0071 U	0.0074 U
Endrin Ketone	NS	NS	0.0075 U	0.0071 U	0.0074 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0021 U	0.0022 U
Heptachlor	0.042	2.1	0.0075 U	0.0071 U	0.0074 U
Heptachlor Epoxide	NS	NS	0.0075 U	0.0071 U	0.0074 U
Methoxychlor	NS	NS	0.0075 U	0.0071 U	0.0074 U
P,P'-DDD	0.0033	13	0.0043 JP	0.0071 U	0.0057 J
P,P'-DDE	0.0033	8.9	0.0095 P	0.0071 U	0.016
P,P'-DDT	0.0033	7.9	0.19	0.0071 U	0.032
Toxaphene	NS	NS	0.075 U	0.071 U	0.074 U

Table 6
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Groundwater Analytical Results of VOCs

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	TW-01_20220308 460-253911-11 3/08/2022 µg/L 1	TW-02_20220308 460-253911-12 3/08/2022 µg/L 1	TW-03_20220308 460-253911-13 3/08/2022 µg/L 1	TW-04_20220308 460-253911-14 3/08/2022 µg/L 1	TW-05_20220307 460-253843-11 3/07/2022 µg/L 1	
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q	
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	1 U	1 U	1 U	1 U	
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U	
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U	
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U	1 U	
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	1 U	
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	1 U	1 U	
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U	1 U	1 U	
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U	
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U	
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U	
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U	
2-Hexanone	50	5 U	5 U	5 U	5 U	
Acetone	50	5 U	5 U	5 U	5 U	
Benzene	1	1 U	1 U	1 U	1 U	
Bromochloromethane	5	1 U	1 U	1 U	1 U	
Bromodichloromethane	50	1 U	1 U	1 U	1 U	
Bromoform	50	1 U	1 U	1 U	1 U	
Bromomethane	5	1 U	1 U	1 U	1 U	
Carbon Disulfide	60	1 U	1 U	1 U	1 U	
Carbon Tetrachloride	5	1 U	1 U	1 U	1 U	
Chlorobenzene	5	1 U	1 U	1 U	1 U	
Chloroethane	5	1 U	1 U	1 U	1 U	
Chloroform	7	1 U	2.6	0.88 J	1.1	1.6
Chloromethane	5	1 U	1 U	1 U	1 U	
Cis-1,2-Dichloroethylene	5	2.1	3.9	4.3	1.2	2
Cis-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U
Cyclohexane	NS	1 U	1.1	1 U	1 U	1 U
Dibromochloromethane	50	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	5	1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	5	1 U	1 U	1 U	1 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	5 U	5 U	5 UT
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U	5 U	5 UT
Methylcyclohexane	NS	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	5	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U	1 U	1 U	1 U
Styrene	5	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	10	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	5	0.44 J	48	66	16	25
Toluene	5	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	1 U	0.26 J	0.39 J	1 U	1 U
Trans-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	5	0.51 J	14	19	5.7	8.1
Trichlorofluoromethane	5	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	2	1 U	1 U	1 U	1 U	1 UT
Xylenes, Total	NS	2 U	2 U	2 U	2 U	2 U

Table 6
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Groundwater Analytical Results of VOCs

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	TW-06_20220307 460-253843-12 3/07/2022 µg/L 1	TB_20220307 460-253843-13 3/07/2022 µg/L 1	TB_20220308 460-253911-15 3/08/2022 µg/L 1
Compound	AWQSGV	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U
2-Hexanone	50	5 U	5 U
Acetone	50	5 U	5 U
Benzene	1	1 U	1 U
Bromochloromethane	5	1 U	1 U
Bromodichloromethane	50	1 U	1 U
Bromoform	50	1 U	1 U
Bromomethane	5	1 U	1 U
Carbon Disulfide	60	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U
Chlorobenzene	5	1 U	1 U
Chloroethane	5	1 U	1 U
Chloroform	7	3	1 U
Chloromethane	5	1 U	1 U
Cis-1,2-Dichloroethylene	5	3.9	1 U
Cis-1,3-Dichloropropene	NS	1 U	1 U
Cyclohexane	NS	1 U	1 U
Dibromochloromethane	50	1 U	1 U
Dichlorodifluoromethane	5	1 U	1 U
Ethylbenzene	5	1 U	1 U
Isopropylbenzene (Cumene)	5	1 U	1 U
M,P-Xylenes	5	1 U	1 U
Methyl Acetate	NS	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 UT	5 UT
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 UT	5 UT
Methylcyclohexane	NS	1 U	1 U
Methylene Chloride	5	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U
Styrene	5	1 U	1 U
Tert-Butyl Methyl Ether	10	1 U	1 U
Tetrachloroethylene (PCE)	5	93	1 U
Toluene	5	1 U	1 U
Trans-1,2-Dichloroethene	5	0.28 J	1 U
Trans-1,3-Dichloropropene	NS	1 U	1 U
Trichloroethylene (TCE)	5	20	1 U
Trichlorofluoromethane	5	1 U	1 U
Vinyl Chloride	2	1 UT	1 UT
Xylenes, Total	NS	2 U	2 U

Table 7
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Groundwater Analytical Results of SVOCs

AKRF Sample ID	TW-01_20220308	TW-02_20220308	TW-03_20220308	TW-04_20220308	TW-05_20220307	TW-06_20220307
Laboratory Sample ID	460-253911-11	460-253911-12	460-253911-13	460-253911-14	460-253843-11	460-253843-12
Date Sampled	3/08/2022	3/08/2022	3/08/2022	3/08/2022	3/07/2022	3/07/2022
Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor	1	1	1	1	1	1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	5	10 U	10 U	10 U	10 U	10 U
1,4-Dioxane (P-Dioxane)	NS	10 U	10 U	10 U	10 U	10 U
2,3,4,6-Tetrachlorophenol	NS	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	NS	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	NS	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	5	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	50	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	20 U	20 U	20 U	20 U	20 U
2,4-Dinitrotoluene	5	2 U	2 U	2 U	2 U	2 U
2,6-Dinitrotoluene	5	2 U	2 U	2 U	2 U	2 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	NS	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	NS	10 U	10 U	10 U	10 U	10 U
2-Methylphenol (O-Cresol)	NS	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	5	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	NS	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	5	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-Methylphenol	NS	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	NS	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	5	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U	10 U
4-Methylphenol (P-Cresol)	NS	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	5	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	NS	20 U	20 U	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NS	10 U	10 U	10 U	10 U	10 U
Acetophenone	NS	10 U	10 U	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U	10 U	10 U
Atrazine	7.5	2 U	2 U	2 U	2 U	2 UT
Benzaldehyde	NS	10 U	10 U	10 U	10 U	10 U
Benzo(a)Anthracene	0.002	1 U	1 U	1 U	1 U	1 U
Benzo(a)Pyrene	ND	1 U	1 U	1 U	1 U	1 U
Benzo(b)Fluoranthene	0.002	2 U	2 U	2 U	2 U	2 U
Benzo(g,h,i)Perylene	NS	10 U	10 U	10 U	10 U	10 U
Benzo(k)Fluoranthene	0.002	1 U	1 U	1 U	1 U	1 U
Benzyl Butyl Phthalate	50	10 U	10 U	10 U	10 U	10 U
Biphenyl (Diphenyl)	5	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	5	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	1 U	1 U	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	5	10 U	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	5	2 U	2 U	2 U	2 U	2 U
Caprolactam	NS	10 U	10 U	10 U	10 U	10 U
Carbazole	NS	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002	2 U	2 U	2 U	2 U	2 U
Dibenz(a,h)Anthracene	NS	1 U	1 U	1 U	1 U	1 U
Dibenzofuran	NS	10 U	10 U	10 U	10 U	10 U
Diethyl Phthalate	50	10 U	10 U	10 U	10 U	10 U
Dimethyl Phthalate	50	10 U	10 U	10 U	10 U	10 U
Di-N-Butyl Phthalate	50	10 U	10 U	10 U	10 U	10 U
Di-N-Octylphthalate	50	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50	10 U	10 U	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.5	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	5	2 U	2 U	2 U	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	0.002	2 U	2 U	2 U	2 U	2 U
Isophorone	50	10 U	10 U	10 U	10 U	10 U
Naphthalene	10	2 U	2 U	2 U	2 U	2 U
Nitrobenzene	0.4	1 U	1 U	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	50	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	NS	20 U	20 U	20 U	20 U	20 U
Phenanthrene	50	10 U	10 U	10 U	10 U	10 U
Phenol	1	10 U	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U	10 U

Table 8
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Groundwater Analytical Results of Total Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	TW-01_20220308 460-253911-11 3/08/2022 µg/L 1	TW-01_20220308 460-253911-11 3/08/2022 µg/L 3	TW-02_20220308 460-253911-12 3/08/2022 µg/L 1	TW-03_20220308 460-253911-13 3/08/2022 µg/L 1	TW-04_20220308 460-253911-14 3/08/2022 µg/L 1	TW-05_20220307 460-253843-11 3/07/2022 µg/L 1	TW-06_20220307 460-253843-12 3/07/2022 µg/L 1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	196	NR	337	170	1,230	188
Antimony	3	2 U	NR	2 U	2 U	1.3 J	2 U
Arsenic	25	1.1 J	NR	2 U	2 U	1.1 J	2 U
Barium	1,000	647	NR	145	123	140	111
Beryllium	3	0.8 U	NR	0.8 U	0.8 U	0.8 U	0.8 U
Cadmium	5	0.77 J	NR	2 U	2 U	2 U	2 U
Calcium	NS	343,000	NR	167,000	181,000	159,000	147,000
Chromium, Total	50	4 U	NR	27.8	4.3	7.9	41.4
Cobalt	NS	15.3	NR	2.6 J	2.1 J	3.4 J	2.7 J
Copper	200	7.3	NR	3.3 J	4 U	14.4	3.3 J
Iron	300	6,050	NR	872	416	3,310	441
Lead	25	1.2 U	NR	1.2 U	1.2 U	7	1.2 U
Magnesium	35,000	76,500	NR	52,600	58,900	44,500	55,300
Manganese	300	NR	21,900	273	197	294	139
Mercury	0.7	0.2 U	NR	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	10.6	NR	3.8 J	4.7	12.6	5.1
Potassium	NS	20,100	NR	5,450	7,550	6,850	5,400
Selenium	10	2.5 U	NR	3.8	2.1 J	3.4	4.4
Silver	50	2 U	NR	2 U	2 U	2 U	2 U
Sodium	20,000	461,000	NR	155,000	167,000	147,000	149,000
Thallium	0.5	0.8 U	NR	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	NS	0.68 J	NR	1.2 J	4 U	4.3	4 U
Zinc	2,000	16 U	NR	16 U	16 U	24.6	16 U

Table 9
 445 East 163rd Street
 Bronx, NY
 Subsurface (Phase II) Investigation
 Groundwater Analytical Results of Dissolved Metals

AKRF Sample ID	TW-01_20220308	TW-01_20220308	TW-02_20220308	TW-03_20220308	TW-04_20220308	TW-05_20220307	TW-06_20220307	
Laboratory Sample ID	460-253911-11	460-253911-11	460-253911-12	460-253911-13	460-253911-14	460-253843-11	460-253843-12	
Date Sampled	3/08/2022	3/08/2022	3/08/2022	3/08/2022	3/08/2022	3/07/2022	3/07/2022	
Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
Dilution Factor	1	5	1	1	1	1	1	
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	
Aluminum	NS	29.9 J	NR	40 U	40 U	40 U	67.4	40 U
Antimony	3	2 U	NR	2 U	2 U	2 U	2 U	2 U
Arsenic	25	2 U	NR	2 U	2 U	2 U	2 U	2 U
Barium	1,000	631	NR	143	120	109	137	100
Beryllium	3	0.8 U	NR	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Cadmium	5	0.56 J	NR	2 U	2 U	2 U	2 U	2 U
Calcium	NS	335,000	NR	178,000	180,000	155,000	155,000	143,000
Chromium, Total	50	4 U	NR	27.2	3.9 J	4 U	4 U	38.1
Cobalt	NS	14.8	NR	1.7 J	1.8 J	1.7 J	1.6 J	1.9 J
Copper	200	4 U	NR	4 U	4 U	2.8 J	4.1	4 U
Iron	300	5,720	NR	120 U	120 U	120 U	102 J	120 U
Lead	25	1.2 U	NR	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Magnesium	35,000	75,900	NR	54,300	60,400	44,900	53,200	53,000
Manganese	300	NR	21,800	220	169	248	33.4	64.7
Mercury	0.7	0.2 U	NR	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	9.5	NR	4 U	1.1 J	5.3	8.3	2.8 J
Potassium	NS	19,700	NR	5,730	7,700	6,590	6,050	5,230
Selenium	10	2.5 U	NR	3.6	1.8 J	3.4	2.9	4.7
Silver	50	2 U	NR	2 U	2 U	2 U	2 UT	2 UT
Sodium	20,000	431,000	NR	161,000	169,000	146,000	165,000	139,000
Thallium	0.5	0.8 U	NR	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	NS	4 U	NR	4 U	4 U	0.68 J	4 U	4 U
Zinc	2,000	16 U	NR	16 U	16 U	10.9 J	16 U	16 U

Table 10
 445 East 163rd Street
 Bronx, NY
 Subsurface (Phase II) Investigation
 Groundwater Analytical Results of PCBs

AKRF Sample ID		TW-01_20220308	TW-02_20220308	TW-03_20220308	TW-04_20220308	TW-05_20220307	TW-06_20220307
Laboratory Sample ID		460-253911-11	460-253911-12	460-253911-13	460-253911-14	460-253843-11	460-253843-12
Date Sampled		3/08/2022	3/08/2022	3/08/2022	3/08/2022	3/07/2022	3/07/2022
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1	1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Total PCBs	0.09	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Table 11
 445 East 163rd Street
 Bronx, NY
 Subsurface (Phase II) Investigation
 Groundwater Analytical Results of Pesticides

	AKRF Sample ID	TW-01_20220308	TW-02_20220308	TW-03_20220308	TW-04_20220308	TW-05_20220307	TW-06_20220307
	Laboratory Sample ID	460-253911-11	460-253911-12	460-253911-13	460-253911-14	460-253843-11	460-253843-12
	Date Sampled	3/08/2022	3/08/2022	3/08/2022	3/08/2022	3/07/2022	3/07/2022
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1	1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	ND	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Dieldrin	0.004	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfan Sulfate	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin	ND	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Aldehyde	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Ketone	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.05	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor Epoxide	0.03	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Methoxychlor	35	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDD	0.3	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDE	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDT	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Toxaphene	0.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 12
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Soil Vapor Analytical Results of VOCs

Compound	NYS DOH AGV	Sample ID Lab Sample ID Date Sampled Unit Dilution Factor	SV-01_20220308	SV-02_20220308	SV-02_20220308	SV-03_20220308	SV-04_20220308	SV-04_20220308
			200-62493-1 3/08/2022 µg/m ³ 1	200-62493-2 3/08/2022 µg/m ³ 1	200-62493-2 3/08/2022 µg/m ³ 2.99	200-62493-3 3/08/2022 µg/m ³ 1	200-62493-4 3/08/2022 µg/m ³ 2.5	200-62493-4 3/08/2022 µg/m ³ 10
		NYS DOH Matrix Value	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	NS	1,000	0.82 J	1.1 U	NR	1.1 U	2.7 U	NR
1,1,2,2-Tetrachloroethane	NS	NS	1.4 U	1.4 U	NR	1.4 U	3.4 U	NR
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	1.5 U	1.5 U	NR	0.46 J	3.8 U	NR
1,1,2-Trichloroethane	NS	NS	1.1 U	1.1 U	NR	1.1 U	2.7 U	NR
1,1,1-Dichloroethane	NS	NS	0.81 U	0.81 U	NR	0.81 U	2 U	NR
1,1-Dichloroethene	NS	60	0.2 U	0.2 U	NR	0.2 U	0.5 U	NR
1,2,4-Trichlorobenzene	NS	NS	3.7 U	3.7 U	NR	3.7 U	9.3 U	NR
1,2,4-Trimethylbenzene	NS	NS	2.4	3.4	NR	2.5	6.3	NR
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	1.5 U	1.5 U	NR	1.5 U	3.8 U	NR
1,2-Dichlorobenzene	NS	NS	1.2 U	1.2 U	NR	1.2 U	3 U	NR
1,2-Dichloroethane	NS	NS	0.81 U	0.81 U	NR	0.81 U	2 U	NR
1,2-Dichloropropane	NS	NS	0.92 U	0.92 U	NR	0.92 U	2.3 U	NR
1,2-Dichlorotetrafluoroethane	NS	NS	1.4 U	1.4 U	NR	1.4 U	3.5 U	NR
1,3,5-Trimethylbenzene (Mesitylene)	NS	NS	0.98 U	0.98 U	NR	0.98 U	2.5 U	NR
1,3-Butadiene	NS	NS	1.7	2.3	NR	0.44 U	0.69 J	NR
1,3-Dichlorobenzene	NS	NS	1.2 U	1.2 U	NR	1.2 U	3 U	NR
1,4-Dichlorobenzene	NS	NS	1.2 U	1.2 U	NR	1.2 U	3 U	NR
2,2,4-Trimethylpentane	NS	NS	0.93 U	0.95	NR	0.77 J	2.6	NR
2-Chlorotoluene	NS	NS	1 U	1 U	NR	1 U	2.6 U	NR
2-Hexanone	NS	NS	2 U	4.5	NR	4.3	81	NR
4-Ethyltoluene	NS	NS	0.65 J	0.84 J	NR	0.61 J	2.5 U	NR
Acetone	NS	NS	64	NR	180 D	83	NR	170 D
Allyl Chloride (3-Chloropropene)	NS	NS	1.6 U	1.6 U	NR	1.6 U	3.9 U	NR
Benzene	NS	NS	4.2	1.5	NR	0.37 J	1.4 J	NR
Benzyl Chloride	NS	NS	1 U	1 U	NR	1 U	2.6 U	NR
Bromodichloromethane	NS	NS	1.3 U	1.3 U	NR	1.3 U	3.4 U	NR
Bromoform	NS	NS	2.1 U	2.1 U	NR	2.1 U	5.2 U	NR
Bromomethane	NS	NS	0.78 U	0.78 U	NR	0.78 U	1.9 U	NR
Butane	NS	NS	48	4.5	NR	1.2 U	3 U	NR
Carbon Disulfide	NS	NS	4.1	0.89 J	NR	1.6 U	3.3 J	NR
Carbon Tetrachloride	NS	60	0.22	0.22 U	NR	0.32	0.81	NR
Chlorobenzene	NS	NS	0.92 U	0.92 U	NR	0.92 U	2.3 U	NR
Chlorodifluoromethane	NS	NS	0.93 J	0.79 J	NR	0.93 J	2.3 J	NR
Chloroethane	NS	NS	1.3 U	1.3 U	NR	1.3 U	3.3 U	NR
Chloroform	NS	NS	0.98 U	8.2	NR	0.23 J	4.4	NR
Chloromethane	NS	NS	1.1	0.91 J	NR	1 U	1.6 J	NR
Cis-1,2-Dichloroethylene	NS	60	0.2 U	0.2 U	NR	0.2 U	0.5 U	NR
Cis-1,3-Dichloropropene	NS	NS	0.91 U	0.91 U	NR	0.91 U	2.3 U	NR
Cyclohexane	NS	NS	3.5	0.27 J	NR	0.12 J	2.2	NR
Cymene	NS	NS	40	59	NR	39	2.7 U	NR
Dibromochloromethane	NS	NS	1.7 U	1.7 U	NR	1.7 U	4.3 U	NR
Dichlorodifluoromethane	NS	NS	2.1 J	2.2 J	NR	2.2 J	5 J	NR
Ethylbenzene	NS	NS	1.6	1.7	NR	1	3.4	NR
Hexachlorobutadiene	NS	NS	2.1 U	2.1 U	NR	2.1 U	5.3 U	NR
Isopropanol	NS	NS	6.6 J	8.1 J	NR	3.8 J	31 U	NR
Isopropylbenzene (Cumene)	NS	NS	0.98 U	0.98 U	NR	0.98 U	2.5 U	NR
M,P-Xylenes	NS	NS	6.3	7	NR	4.3	15	NR
Methyl Ethyl Ketone (2-Butanone)	NS	NS	6.2	110	NR	89	NR	230 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	2 U	8.6	NR	2 U	5.1 U	NR
Methyl Methacrylate	NS	NS	2 U	2 U	NR	2 U	5.1 U	NR
Methylene Chloride	60	1,000	2	1.7 U	NR	1.7 U	1.6 J	NR
Naphthalene	NS	NS	2.6 U	2.6 U	NR	2.6 U	6.6 U	NR
N-Butylbenzene	NS	NS	1.1 U	1.1 U	NR	1.1 U	2.7 U	NR
N-Heptane	NS	NS	14	3.3	NR	1.8	7.3	NR
N-Hexane	NS	NS	32	13	NR	9.1	28	NR
N-Propylbenzene	NS	NS	0.98 U	0.98 U	NR	0.98 U	2.5 U	NR
O-Xylene (1,2-Dimethylbenzene)	NS	NS	1.8	2.4	NR	1.5	3.8	NR
Sec-Butylbenzene	NS	NS	1.1 U	1.1 U	NR	1.1 U	2.7 U	NR
Styrene	NS	NS	0.41 J	0.44 J	NR	0.29 J	2.1 U	NR
T-Butylbenzene	NS	NS	1.1 U	1.1 U	NR	1.1 U	2.7 U	NR
Tert-Butyl Alcohol	NS	NS	4 J	6.7 J	NR	4 J	10 J	NR
Tert-Butyl Methyl Ether	NS	NS	0.72 U	0.72 U	NR	0.72 U	1.8 U	NR
Tetrachloroethylene (PCE)	30	1,000	29	5.8	NR	0.67 J	13	NR
Tetrahydrofuran	NS	NS	6.8 J	10 J	NR	7.1 J	21 J	NR
Toluene	NS	NS	27	22	NR	12	56	NR
Trans-1,2-Dichloroethene	NS	NS	0.79 U	0.79 U	NR	0.79 U	2 U	NR
Trans-1,3-Dichloropropene	NS	NS	0.91 U	0.91 U	NR	0.91 U	2.3 U	NR
Trichloroethylene (TCE)	2	60	0.2 U	0.2 U	NR	0.2 U	0.57	NR
Trichlorofluoromethane	NS	NS	1.6	11	NR	1.1	2.8	NR
Vinyl Bromide	NS	NS	0.87 U	0.87 U	NR	0.87 U	2.2 U	NR
Vinyl Chloride	NS	60	0.2 U	0.2 U	NR	0.2 U	0.5 U	NR

Table 12
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Soil Vapor Analytical Results of VOCs

Sample ID	SV-05_20220308	SV-06_20220308	AA_20220308		
Lab Sample ID	200-62493-5	200-62493-6	200-62493-7		
Date Sampled	3/08/2022	3/08/2022	3/08/2022		
Unit	µg/m ³	µg/m ³	µg/m ³		
Dilution Factor	1	1	1		
Compound	NYSDOH AGV	NYSDOH Matrix Value	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	NS	1,000	0.44 J	1 J	1.1 U
1,1,2,2-Tetrachloroethane	NS	NS	1.4 U	1.4 U	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.44 J	0.45 J	0.5 J
1,1,2-Trichloroethane	NS	NS	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane	NS	NS	0.81 U	0.81 U	0.81 U
1,1-Dichloroethene	NS	60	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	NS	NS	3.7 U	3.7 U	3.7 U
1,2,4-Trimethylbenzene	NS	NS	2.9	3	0.23 J
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	1.5 U	1.5 U	1.5 U
1,2-Dichlorobenzene	NS	NS	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	NS	NS	0.81 U	0.81 U	0.81 U
1,2-Dichloropropane	NS	NS	0.92 U	0.92 U	0.92 U
1,2-Dichlorotetrafluoroethane	NS	NS	1.4 U	1.4 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	NS	NS	0.98 U	0.98 U	0.98 U
1,3-Butadiene	NS	NS	0.097 J	0.38 J	0.44 U
1,3-Dichlorobenzene	NS	NS	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	NS	NS	1.2 U	1.2 U	1.2 U
2,2,4-Trimethylpentane	NS	NS	1.3	0.98	0.24 J
2-Chlorotoluene	NS	NS	1 U	1 U	1 U
2-Hexanone	NS	NS	2 U	2 U	2 U
4-Ethyltoluene	NS	NS	0.77 J	0.8 J	0.98 U
Acetone	NS	NS	88	72	4.9 J
Allyl Chloride (3-Chloropropene)	NS	NS	1.6 U	1.6 U	1.6 U
Benzene	NS	NS	0.52 J	0.61 J	0.48 J
Benzyl Chloride	NS	NS	1 U	1 U	1 U
Bromodichloromethane	NS	NS	1.3 U	1.3 U	1.3 U
Bromoform	NS	NS	2.1 U	2.1 U	2.1 U
Bromomethane	NS	NS	0.78 U	0.78 U	0.78 U
Butane	NS	NS	2.4	15	1.9
Carbon Disulfide	NS	NS	1.6 U	0.68 J	1.6 U
Carbon Tetrachloride	NS	60	0.22 U	0.2 J	0.39
Chlorobenzene	NS	NS	0.92 U	0.92 U	0.92 U
Chlorodifluoromethane	NS	NS	0.92 J	0.94 J	1.4 J
Chloroethane	NS	NS	1.3 U	1.3 U	1.3 U
Chloroform	NS	NS	1.6	11	0.98 U
Chloromethane	NS	NS	0.41 J	0.31 J	1.2
Cis-1,2-Dichloroethylene	NS	60	0.2 U	0.2 U	0.2 U
Cis-1,3-Dichloropropene	NS	NS	0.91 U	0.91 U	0.91 U
Cyclohexane	NS	NS	0.83	0.25 J	0.69 U
Cymene	NS	NS	61	51	0.53 J
Dibromochloromethane	NS	NS	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane	NS	NS	1.9 J	2 J	2.6
Ethylbenzene	NS	NS	1.4	1.6	0.87 U
Hexachlorobutadiene	NS	NS	2.1 U	2.1 U	0.96 J
Isopropanol	NS	NS	8.4 J	6.7 J	12 U
Isopropylbenzene (Cumene)	NS	NS	0.98 U	0.98 U	0.98 U
M,P-Xylenes	NS	NS	6.2	6.7	2.2 U
Methyl Ethyl Ketone (2-Butanone)	NS	NS	13	6.4	1.5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	2.5	2 U	2 U
Methyl Methacrylate	NS	NS	2 U	2 U	2 U
Methylene Chloride	60	1,000	1.7 U	1.7 U	6.7
Naphthalene	NS	NS	2.6 U	2.6 U	2.6 U
N-Butylbenzene	NS	NS	1.1 U	1.1 U	1.1 U
N-Heptane	NS	NS	1.7	2.4	0.82 U
N-Hexane	NS	NS	5.9	13	1.6 J
N-Propylbenzene	NS	NS	0.98 U	0.98 U	0.98 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	1.9	2	0.87 U
Sec-Butylbenzene	NS	NS	1.1 U	1.1 U	1.1 U
Styrene	NS	NS	0.37 J	1.1	0.85 U
T-Butylbenzene	NS	NS	1.1 U	1.1 U	1.1 U
Tert-Butyl Alcohol	NS	NS	6.6 J	5.2 J	15 U
Tert-Butyl Methyl Ether	NS	NS	0.72 U	0.72 U	0.72 U
Tetrachloroethylene (PCE)	30	1,000	81	56	0.49 J
Tetrahydrofuran	NS	NS	4.4 J	9.5 J	15 U
Toluene	NS	NS	18	26	1.3
Trans-1,2-Dichloroethene	NS	NS	0.79 U	0.79 U	0.79 U
Trans-1,3-Dichloropropene	NS	NS	0.91 U	0.91 U	0.91 U
Trichloroethylene (TCE)	2	60	5.5	9.6	0.2 U
Trichlorofluoromethane	NS	NS	1.4	1.6	1.2
Vinyl Bromide	NS	NS	0.87 U	0.87 U	0.87 U
Vinyl Chloride	NS	60	0.2 U	0.2 U	0.2 U

Tables 1-12
445 East 163rd Street
Bronx, NY
Subsurface (Phase II) Investigation
Notes

DEFINITIONS

- B** : The analyte was found in an associated blank, as well as in the sample.
- D** : Indicates an identified compound in an analysis that has been diluted. This flag alerts the data user to any differences between the concentrations reported in the two analyses.
- J** : The concentration given is an estimated value.
- ND** : The standard is a non-detectable concentration by the approved analytical method.
- NR** : Not reported.
- NS** : No standard.
- P** : Indicates a pesticide/aroclor target analyte had a percent difference greater than 25% between the two gc columns. The lower of the two results is reported.
- T** : Indicates that a quality control parameter has exceeded laboratory limits.
- U** : The analyte was not detected at the indicated concentration.

mg/kg : milligrams per kilogram

µg/L : micrograms per liter

µg/m³ : micrograms per cubic meter of air

STANDARDS

Part 375 Soil Cleanup Objectives : Soil Cleanup Objectives listed in New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations [6 New York Codes, Rules and Regulations (NYCRR) Part 375].

Note: Endosulfans ABS represents the detected sum of Endosulfan I, Endosulfan II, and Endosulfan Sulfate.

Exceedances of Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) are highlighted in bold font.
Exceedances of Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs) are highlighted in gray shading.

NYSDEC Class GA AWQSGVs : New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs).

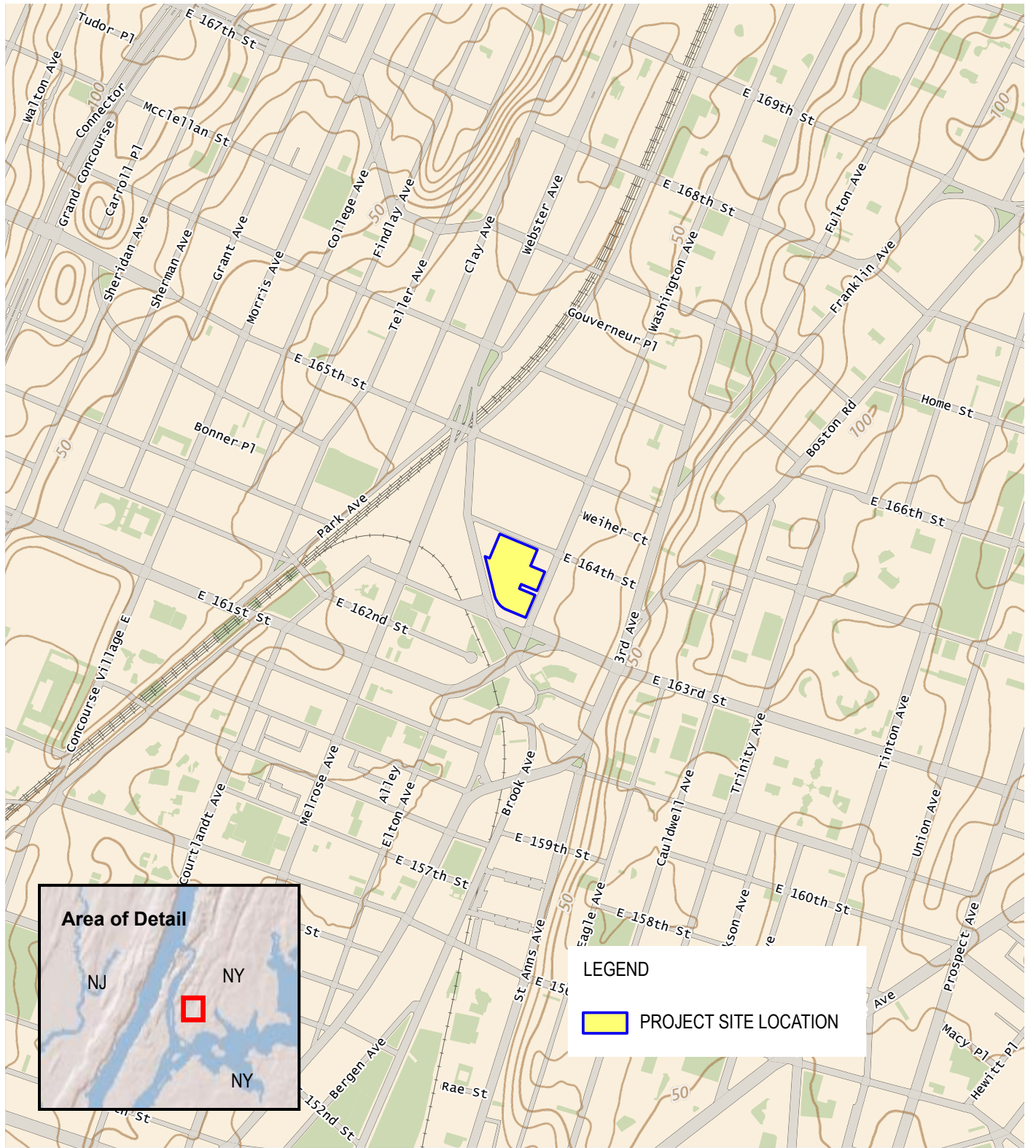
Exceedances of NYSDEC Class GA AWQSGVs are highlighted in bold font.

NYSDOH Soil Vapor Intrusion Air Guidance Value : New York State Department of Health (NYSDOH) Air Guideline Values (AGVs) presented in the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 ("NYSDOH Vapor Intrusion Guidance Document"), updated September 2013 for change of AGV for PCE, August 2015 for TCE, and May 2017 for NYSDOH Matrices A, B, and C for PCE, TCE, c1,2-DCE, 1,1-DCE, carbon tetrachloride, 1,1,1-TCA, methylene chloride, and vinyl chloride. The matrix values listed are the sub-slab soil vapor concentration where mitigation is recommended regardless of the indoor air concentration.

Exceedances of NYSDOH AGVs are highlighted in bold font.
Exceedances of NYSDOH Matrix Values are highlighted in gray shading.

FIGURES

AKRF O:\Projects\210407 - 445 EAST 163RD ST\Technical\SAR\210407 phase II figures.aprx/5/6/2022 10:18 AM\210407 Fig 1 site location\szalus



Service Layer Credits: USGS The National Map: 3d Elevation Program, Data Refreshed July, 2021

Note: Elevation values are in units of feet North American Vertical Datum of 1988 (NAVD88)

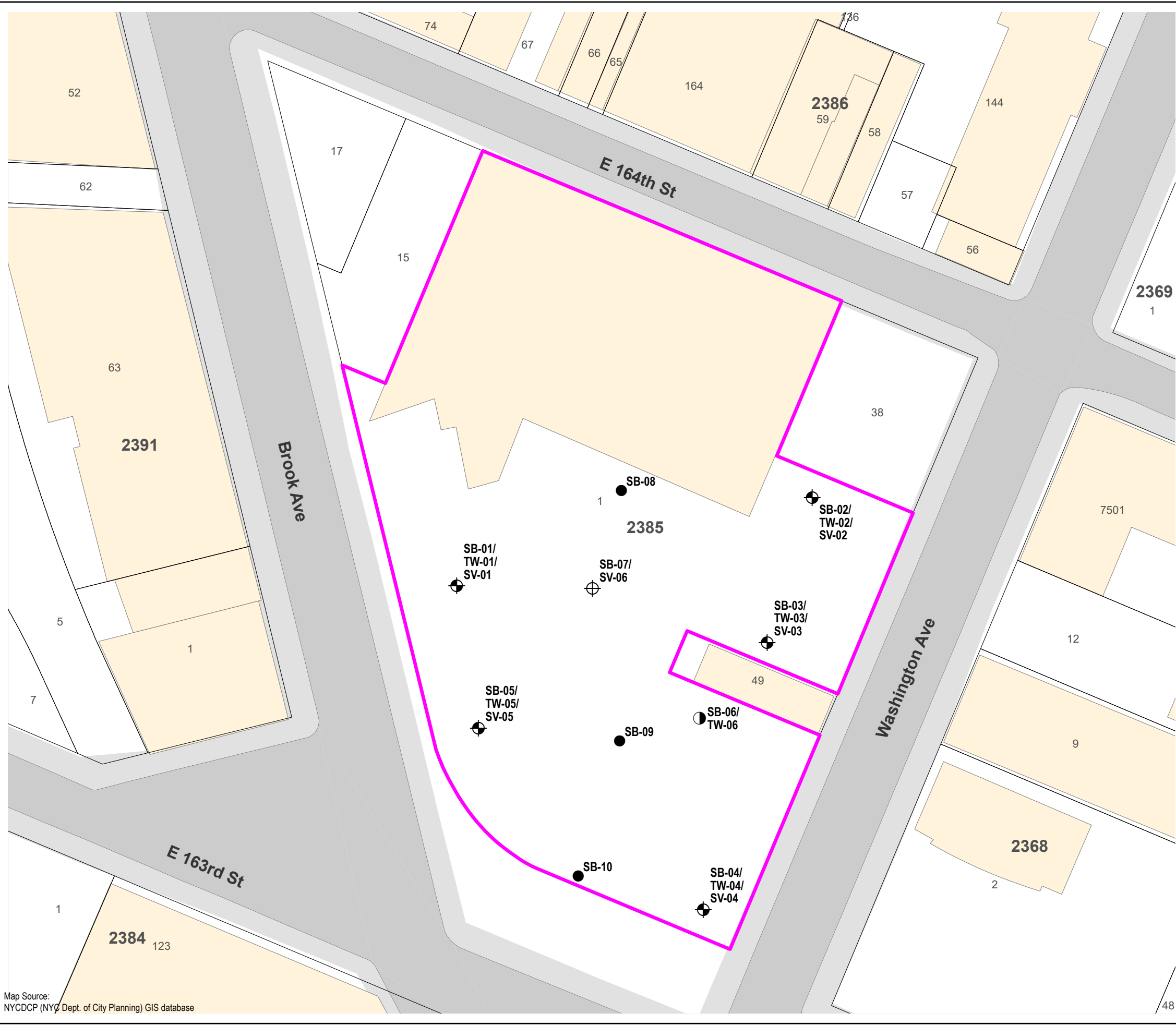
AKRF
440 Park Avenue South, New York, NY 10016

445 East 163rd Street
Bronx, New York

SITE LOCATION

DATE	5/6/2022
PROJECT NO.	210407
FIGURE	1

AKRF Co. \Projects\210407 - 445 East 163rd Street STI\Technical\SAR\210407 phase II figures.aprx.5/6/2022 2:57 PM\210407 Fig 2 Site Plan and Sample Locations (szalus)

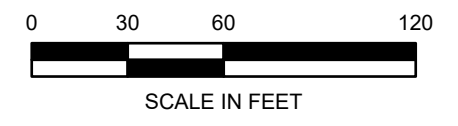


Map Source:
NYC DCP (NYC Dept. of City Planning) GIS database

48

LEGEND

- PROJECT SITE LOCATION
- BUILDING
- LOT BOUNDARY AND TAX LOT NUMBER
- 2385** BLOCK NUMBER
- SOIL BORING
- SOIL BORING/TEMPORARY WELL
- SOIL BORING/TEMPORARY WELL/
SOIL VAPOR POINT
- SOIL BORING/SOIL VAPOR POINT



445 East 163rd Street
Bronx, New York

SITE PLAN and SAMPLE LOCATIONS

DATE	5/6/2022
PROJECT NO.	210407
FIGURE	2

APPENDIX A
PHOTOGRAPHIC LOG



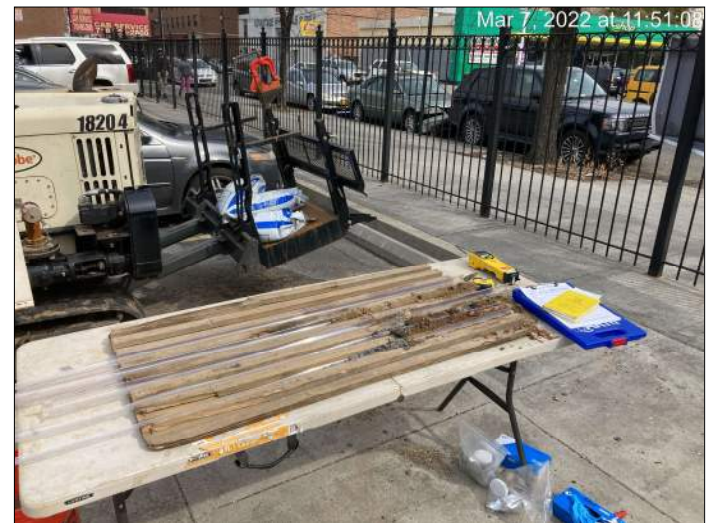
Photograph 1. Geophysical survey of the asphalt parking lot on the eastern-central portion of the Site, prior to the commencement of drilling activities.



Photograph 2. Geophysical survey of the vacant lot on the eastern portion of the Site, prior to the commencement of drilling activities.



Photograph 3. Drilling activities using Geoprobe® direct push probe at location SB-09 on the central portion of the Site.



Photograph 4. Logging and field-screening subsurface soils.



Photograph 5. Installation of temporary well and soil vapor point at location TW-04/SV-04 on the southern portion of the Site.



Photograph 6. Vapor point seal check with helium and helium meter prior to sampling at location SV-02 on the eastern portion of the Site.



Photograph 7. 6-liter vacuum canister utilized for collection of soil vapor sample SV-06 on the central portion of the Site.



Photograph 8. Groundwater purging and sampling at location TW-01 on the western portion of the Site.



Photograph 9. Groundwater purging and sampling at location TW-02 on the eastern portion of the Site.



Photograph 10. Location SB-10 on the southern portion of the Site backfilled and surface patched with asphalt following sampling activities.

APPENDIX B
GEOPHYSICAL SURVEY REPORT

Coastal Environmental Solutions, Inc.

GEOPHYSICAL INVESTIGATION REPORT

3.16.2022

**445 East 163rd St, Bronx, NY
Date of Investigation: 3.7.2022**

Prepared for:

AKRF, Inc.
440 Park Avenue South
New York, New York 10016

Prepared By:



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

1.0 INTRODUCTION

On March 7, 2022, Coastal Environmental Solutions, Inc (Coastal) personnel performed a limited geophysical investigation at the site located at 445 East 163rd Street, Bronx, New York. The area of interest included the parking lot and the adjacent undeveloped lot. Surface conditions consisted of asphalt, concrete, and soil.

2.0 SCOPE OF WORK

1. Locate and mark detectable underground utilities in close proximity to client proposed soil boring locations.
2. Locate possible UST/other subsurface anomalies in designated areas.

3.0 EQUIPMENT

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

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

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

Vivax-Metrotech vLoc3-Pro Receiver/Transmitter

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

TW-6 Pipe and Cable Locator

The TW-6 Pipe and Cable locator is a handheld magnetometer which utilizes a transmitter-receiver pair attached to opposite ends of a handle and carried approximately 1-2ft from the surface. The magnetometer induces an electromagnetic (EM) field into the ground that is generated by the

transmitter. Once the induced EM field passes through a buried metallic object, it generates a secondary EM field which is detected by the receiver, generating an audible tone. Based on the calibration of the magnetometer, the audible tone reflects the strongest response as the highest pitched sound, trailing off on all sides of the peak. This piece of technology can be used to detect subsurface features such as metallic USTs, large diameter conductive pipes, and buried manholes, especially in areas in which traditional GPR methods cannot be utilized, such as overgrown or uneven surfaces.

4.0 METHODOLOGY

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

WHITE	Proposed Excavation
PINK	Temporary Survey Markings (Approximate UST Locations, Soil Boring Locations)
RED	Electric Power Lines, Cables, Conduit and Lighting Cables
YELLOW	Gas, Oil, Steam, Petroleum or Gaseous Materials
ORANGE	Communication, Alarm or Signal Lines, Cables or Conduit
BLUE	Water (Domestic and Fire Lines)
PURPLE	Irrigation (Not commonly used)
GREEN	Sewers and Drain Lines

5.0 SUMMARY OF FINDINGS

Utility Locate

Coastal personnel conducted a utility locate on all accessible areas within the area of concern. Coastal identified multiple storm drain systems (piping and open bottom drywells) as well as electrical conduits for site lighting. The main building was provided power, water, and natural gas at other sides of the property as compared to our investigation.

UST Locate

Coastal conducted an investigation in multiple areas for a suspected UST. No evidence of an existing UST was found. No evidence of a recently removed UST was found, typically indicated by the presence of non-compacted fill atop the native soil on site. Due to the absence of evidence, it was determined that no UST was present at the property within the accessible areas.

Limitations

The effective depth of GPR penetration was limited to 5 feet. The limiting factor was due to soil conductivity attenuating the GPR signal. The GPR and TW-6 was unable to be utilized within close proximity to parked vehicles and exterior walls.

Disclaimer




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

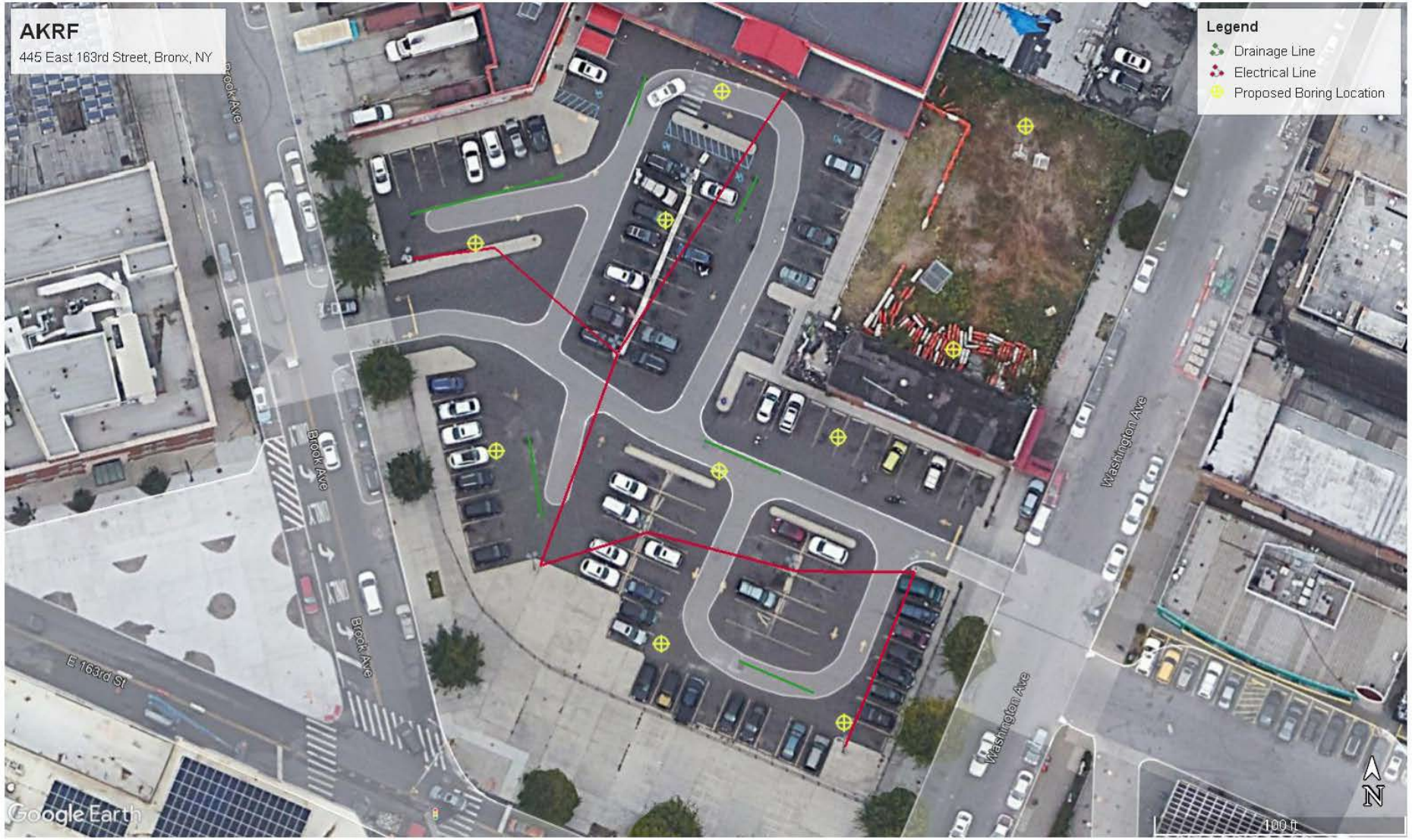
FIGURES

AKRF

445 East 163rd Street, Bronx, NY

Legend

-  Drainage Line
-  Electrical Line
-  Proposed Boring Location



Geophysical Investigation Results

445 East 163rd Street
Bronx, New York



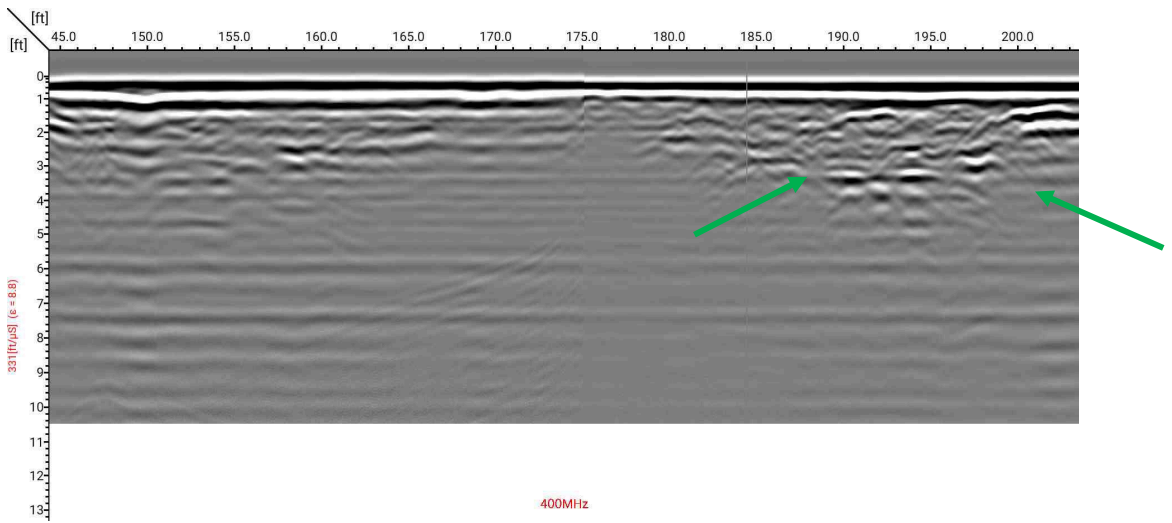
Coastal Environmental Solutions Inc.

PO Box 342, Medford New York 11763

Date of Investigation: 3.7.2022

Figure No. 1

PHOTOS & GPR SCREENSHOTS





Photos 2 and 3 – One of two abandoned manholes on the property, filled with fill material.

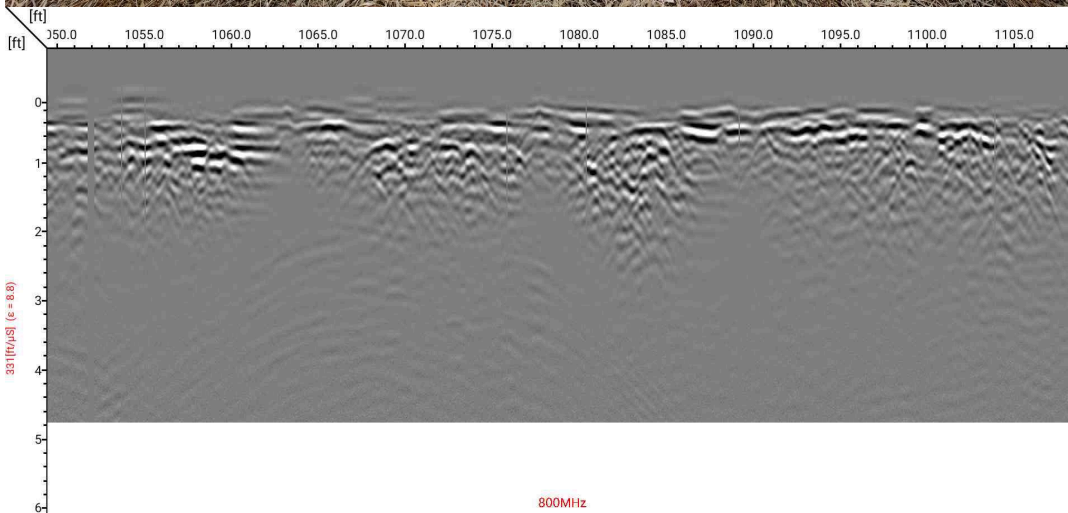





Photo 4 and GPR Screenshot 2 – View of the undeveloped lot adjacent to the parking lot area. No utilities or USTs were detected within this area. GPR screenshot shows no evidence of detections.

APPENDIX C
SOIL BORING LOGS

SOIL BORING LOG		445 East 163 rd Street Bronx, New York AKRF Project Number: 210407		Soil Boring ID: Sheet 1 of 2		SB-01 (TW-01)			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Direct Push Probe: Track-mounted	Drilling					
		Sampling Method:	5-ft Acetate Liners	Start Time: 07:30		Finish Time: 08:00			
		Driller:	Coastal Environmental	Date: 3/8/2022					
		Weather:	36-52 °F Cloudy						
Logged By:	T. Larigan, AKRF								
Depth (feet)	Recovery (inches)	Surface Condition: Asphalt		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis	
1	40	Top 3": ASPHALT.		ND	DRY	ND	ND	SB-01_1-3_20220308	
2		Bottom 37": Brown SAND, little fine-Gravel, Silt, trace Brick (FILL).		ND	DRY	ND	ND		
3									
4									
5									
6	35	Light brown SAND, some Silt.		ND	DRY	ND	ND		
7									
8									
9									
10									
11	30	Light brown SAND, trace fine-Gravel, Silt.		ND	DRY	ND	ND	SB-01_12-14_20220308	
12									
13									
14									
15									
16	22	Light brown SAND, trace fine-Gravel, Silt.		ND	Wet @ 17'	ND	ND		
17									
18									
19									
20									
Notes: Soil samples analyzed for TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals. Groundwater encountered at approximately 17 feet below grade during soil boring advancement. End of soil boring at 25 feet below grade.									
PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected									
<i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>									


SOIL BORING LOG		445 East 163 rd Street Bronx, New York AKRF Project Number: 210407		Soil Boring ID: Sheet 2 of 2		SB-01 (TW-01)			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Direct Push Probe: Track-mounted	Drilling					
		Sampling Method:	5-ft Acetate Liners	Start Time: 07:30		Finish Time: 08:00			
		Driller:	Coastal Environmental	Date: 3/8/2022					
		Weather:	36-52 °F Cloudy						
Logged By:	T. Larigan, AKRF								
Depth (feet)	Recovery (inches)	Surface Condition: Asphalt		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis	
21	46	Light brown SAND, trace fine-Gravel, Silt.		ND	WET	ND	ND		
22									
23									
24									
25									
Notes: Soil samples analyzed for TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals. Groundwater encountered at approximately 17 feet below grade during soil boring advancement. End of soil boring at 25 feet below grade. PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected <i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>									


SOIL BORING LOG		445 East 163 rd Street Bronx, New York AKRF Project Number: 210407		Soil Boring ID:		SB-02 (TW-02)			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Direct Push Probe: Track-mounted	Drilling					
		Sampling Method:	5-ft Acetate Liners	Start Time: 10:30		Finish Time: 11:00			
		Driller:	Coastal Environmental	Date: 3/8/2022					
		Weather:	36-52 °F Cloudy						
		Logged By:	T. Larigan, AKRF						
Depth (feet)	Recovery (inches)	Surface Condition: Bare Soil		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis	
1	26	Top 10": Brown SAND, little fine-Gravel, trace Silt, Roots, Wood (FILL).		ND	DRY	ND	ND	SB-02_1-3_20220308	
2		Bottom 16": Brown SAND, some Silt, little Clay.		ND	DRY	ND	ND		
3									
4									
5									
6	23	Light brown SAND, trace fine-Gravel, Silt.		ND	DRY	ND	ND		
7									
8									
9									
10									
11	40	Brown SAND, little Silt.		ND	DRY	ND	ND	SB-02_12-14_20220308	
12									
13									
14									
15									
16	45	Brown SAND, little Silt.		ND	Wet @ 17'	ND	ND		
17									
18									
19									
20									


Notes: Soil samples analyzed for TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals.
 Groundwater encountered at approximately 17 feet below grade during soil boring advancement.
 End of soil boring at 25 feet below grade.


PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected


Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.


SOIL BORING LOG		445 East 163 rd Street Bronx, New York AKRF Project Number: 210407		Soil Boring ID: Sheet 2 of 2		SB-02 (TW-02)			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Direct Push Probe: Track-mounted	Drilling					
		Sampling Method:	5-ft Acetate Liners	Start Time: 10:30		Finish Time: 11:00			
		Driller:	Coastal Environmental	Date: 3/8/2022					
		Weather:	36-52 °F Cloudy						
Logged By:	T. Larigan, AKRF								
Depth (feet)	Recovery (inches)	Surface Condition: Bare Soil		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis	
21	40	Brown SAND, little Silt.		ND	WET	ND	ND		
22									
23									
24									
25									
Notes: Soil samples analyzed for TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals. Groundwater encountered at approximately 17 feet below grade during soil boring advancement. End of soil boring at 25 feet below grade. PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected <i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>									


SOIL BORING LOG		445 East 163 rd Street Bronx, New York AKRF Project Number: 210407		Soil Boring ID:		SB-03 (TW-03)			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Direct Push Probe: Track-mounted	Drilling					
		Sampling Method:	5-ft Acetate Liners	Start Time: 10:00		Finish Time: 10:30			
		Driller:	Coastal Environmental	Date: 3/8/2022					
		Weather:	36-52 °F Cloudy						
		Logged By:	T. Larigan, AKRF						
Depth (feet)	Recovery (inches)	Surface Condition: Bare Soil		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis	
1	14	Brown SAND, some fine-Gravel, little Brick, trace Silt (FILL).		ND	DRY	ND	ND	SB-03_1-3_20220308	
2									
3									
4									
5									
6	16	Top 6": Brown SAND, some fine-Gravel, little Brick, trace Silt (FILL).		ND	DRY	ND	ND		
7		Bottom 10": Light brown SAND, some Silt, trace fine-Gravel.		ND	DRY	ND	ND		
8									
9									
10									
11	36	Top 15": Light brown SAND, some Silt, trace fine-Gravel.		ND	DRY	ND	ND	SB-03_12-14_20220308	
12		Bottom 21": Light brown SAND, trace fine-Gravel, Silt.		ND	DRY	ND	ND		
13									
14									
15									
16	28	Light brown SAND, trace fine-Gravel, Silt.		ND	Wet @ 17'	ND	ND		
17									
18									
19									
20									
Notes: Soil samples analyzed for TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals. Groundwater encountered at approximately 17 feet below grade during soil boring advancement. End of soil boring at 25 feet below grade. PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected <i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>									


SOIL BORING LOG		445 East 163 rd Street Bronx, New York AKRF Project Number: 210407		Soil Boring ID: Sheet 2 of 2		SB-03 (TW-03)			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Direct Push Probe: Track-mounted	Drilling					
		Sampling Method:	5-ft Acetate Liners	Start Time: 10:00		Finish Time: 10:30			
		Driller:	Coastal Environmental	Date: 3/8/2022					
		Weather:	36-52 °F Cloudy						
Logged By:	T. Larigan, AKRF								
Depth (feet)	Recovery (inches)	Surface Condition: Bare Soil		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis	
21	42	Light brown SAND, trace fine-Gravel, Silt.		ND	WET	ND	ND		
22									
23									
24									
25									
Notes: Soil samples analyzed for TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals. Groundwater encountered at approximately 17 feet below grade during soil boring advancement. End of soil boring at 25 feet below grade. PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected <i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>									


SOIL BORING LOG		445 East 163 rd Street Bronx, New York AKRF Project Number: 210407		Soil Boring ID:		SB-04 (TW-04)			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Direct Push Probe: Track-mounted	Drilling					
		Sampling Method:	5-ft Acetate Liners	Start Time: 11:30		Finish Time: 12:00			
		Driller:	Coastal Environmental	Date: 3/7/2022					
		Weather:	51-71 °F Cloudy						
		Logged By:	T. Larigan, AKRF						
Depth (feet)	Recovery (inches)	Surface Condition: Asphalt		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis	
1	24	Top 3": ASPHALT.		ND	DRY	ND	ND	SB-04_1-3_20220307	
2		Bottom 21": Brown SAND, some Brick, little fine-Gravel, trace Silt, Ash (FILL).		ND	DRY	ND	ND		
3									
4									
5									
6	22	Brown SAND, some fine-Gravel, little Brick, trace Silt, Ash (FILL).		ND	DRY	ND	ND		
7									
8									
9									
10									
11	18	Light brown SAND, trace fine-Gravel, Silt.		ND	DRY	ND	ND	SB-04_12-14_20220307	
12									
13									
14									
15									
16	24	Light brown SAND, trace fine-Gravel, Silt.		ND	Wet @ 19'	ND	ND		
17									
18									
19									
20									
Notes: Soil samples analyzed for TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals. Groundwater encountered at approximately 19 feet below grade during soil boring advancement. End of soil boring at 25 feet below grade.									
PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected									
<i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>									


SOIL BORING LOG		445 East 163 rd Street Bronx, New York AKRF Project Number: 210407		Soil Boring ID: Sheet 2 of 2		SB-04 (TW-04)			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Direct Push Probe: Track-mounted	Drilling					
		Sampling Method:	5-ft Acetate Liners	Start Time: 11:30		Finish Time: 12:00			
		Driller:	Coastal Environmental	Date: 3/7/2022					
		Weather:	51-71 °F Cloudy						
Logged By:	T. Larigan, AKRF								
Depth (feet)	Recovery (inches)	Surface Condition: Asphalt		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis	
21	38	Light brown SAND, trace fine-Gravel, Silt.		ND	WET	ND	ND		
22									
23									
24									
25									
Notes: Soil samples analyzed for TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals. Groundwater encountered at approximately 19 feet below grade during soil boring advancement. End of soil boring at 25 feet below grade. PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected <i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>									


SOIL BORING LOG		445 East 163 rd Street Bronx, New York AKRF Project Number: 210407		Soil Boring ID: Sheet 1 of 2		SB-05 (TW-05)			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Direct Push Probe: Track-mounted	Drilling					
		Sampling Method:	5-ft Acetate Liners	Start Time: 14:30		Finish Time: 15:00			
		Driller:	Coastal Environmental	Date: 3/7/2022					
		Weather:	51-71 °F Cloudy						
Logged By:	T. Larigan, AKRF								
Depth (feet)	Recovery (inches)	Surface Condition: Asphalt		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis	
1	32	Top 3": ASPHALT.		ND	DRY	ND	ND	SB-05_1-3_20220307	
2		Bottom 29": Brown SAND, some fine-Gravel, little Brick, trace Silt (FILL).		ND	DRY	ND	ND		
3									
4									
5									
6	30	Light brown SAND, trace fine-Gravel, Silt.		ND	DRY	ND	ND		
7									
8									
9									
10									
11	20	Light brown SAND, trace fine-Gravel, Silt.		ND	DRY	ND	ND	SB-05_12-14_20220307	
12									
13									
14									
15									
16	22	Light brown SAND, little Silt, trace fine-Gravel.		ND	Wet @ 18'	ND	ND		
17									
18									
19									
20									
Notes: Soil samples analyzed for TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals. Groundwater encountered at approximately 18 feet below grade during soil boring advancement. End of soil boring at 25 feet below grade.									
PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected									
<i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>									


SOIL BORING LOG		445 East 163 rd Street Bronx, New York AKRF Project Number: 210407		Soil Boring ID: Sheet 2 of 2		SB-05 (TW-05)			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Direct Push Probe: Track-mounted	Drilling					
		Sampling Method:	5-ft Acetate Liners	Start Time: 14:30		Finish Time: 15:00			
		Driller:	Coastal Environmental	Date: 3/7/2022					
		Weather:	51-71 °F Cloudy						
Logged By:	T. Larigan, AKRF								
Depth (feet)	Recovery (inches)	Surface Condition: Asphalt		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis	
21	40	Light brown SAND, little Silt, trace fine-Gravel.		ND	WET	ND	ND		
22									
23									
24									
25									
Notes: Soil samples analyzed for TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals. Groundwater encountered at approximately 18 feet below grade during soil boring advancement. End of soil boring at 25 feet below grade. PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected <i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>									


SOIL BORING LOG		445 East 163 rd Street Bronx, New York AKRF Project Number: 210407		Soil Boring ID: Sheet 1 of 2		SB-06 (TW-06)			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Direct Push Probe: Track-mounted	Drilling					
		Sampling Method:	5-ft Acetate Liners	Start Time: 12:55		Finish Time: 13:05			
		Driller:	Coastal Environmental	Date: 3/7/2022					
		Weather:	51-71 °F Cloudy						
Logged By:	T. Larigan, AKRF								
Depth (feet)	Recovery (inches)	Surface Condition: Asphalt		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis	
1	20	Top 3": ASPHALT.		ND	DRY	ND	ND	SB-06_1-3_20220307	
2		Bottom 17": Brown SAND, little Brick, trace fine-Gravel, Silt (FILL).		ND	DRY	ND	ND		
3									
4									
5									
6	26	Top 6": Brown SAND and BRICK, little fine-Gravel, trace Silt, Ash (FILL).		ND	DRY	ND	ND		
7		Bottom 20": Light brown SAND, trace fine-Gravel, Silt.		ND	DRY	ND	ND		
8									
9									
10									
11	24	Light brown SAND, trace fine-Gravel, Silt.		ND	DRY	ND	ND	SB-06_12-14_20220307	
12									
13									
14									
15									
16	30	Light brown SAND, trace fine-Gravel, Silt.		ND	Wet @ 18'	ND	ND		
17									
18									
19									
20									
Notes: Soil samples analyzed for TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals. Groundwater encountered at approximately 18 feet below grade during soil boring advancement. End of soil boring at 25 feet below grade.									
PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected									
<i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>									

SOIL BORING LOG		445 East 163 rd Street Bronx, New York AKRF Project Number: 210407		Soil Boring ID: Sheet 2 of 2		SB-06 (TW-06)			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Direct Push Probe: Track-mounted	Drilling					
		Sampling Method:	5-ft Acetate Liners	Start Time: 12:55		Finish Time: 13:05			
		Driller:	Coastal Environmental	Date: 3/7/2022					
		Weather:	51-71 °F Cloudy						
Logged By:	T. Larigan, AKRF								
Depth (feet)	Recovery (inches)	Surface Condition: Asphalt		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis	
21	36	Light brown SAND, trace fine-Gravel, Silt.		ND	WET	ND	ND		
22									
23									
24									
25									
Notes: Soil samples analyzed for TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals. Groundwater encountered at approximately 18 feet below grade during soil boring advancement. End of soil boring at 25 feet below grade. PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected <i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>									

SOIL BORING LOG		445 East 163 rd Street Bronx, New York AKRF Project Number: 210407		Soil Boring ID:	SB-07			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Direct Push Probe: Track-mounted	Drilling				
		Sampling Method:	5-ft Acetate Liners	Start Time: 08:30		Finish Time: 08:45		
		Driller:	Coastal Environmental	Date: 3/8/2022				
		Weather:	36-52 °F Cloudy					
		Logged By:	T. Larigan, AKRF					
Depth (feet)	Recovery (inches)	Surface Condition: Asphalt		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	35	Top 3": ASPHALT.		ND	DRY	ND	ND	SB-07_1-3_20220308
2		Bottom 32": Brown SAND, some fine-Gravel, little Brick, trace Silt (FILL).		ND	DRY	ND	ND	
3								
4								
5								
6	26	Light brown SAND, trace fine-Gravel, Silt.		ND	DRY	ND	ND	
7								
8								
9								
10								
11	21	Light brown SAND, trace fine-Gravel, Silt.		ND	DRY	ND	ND	SB-07_12-14_20220308
12								
13								
14								
15								
Notes: Soil samples analyzed for TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals. Groundwater was not encountered during soil boring advancement. End of soil boring at 15 feet below grade. PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected <i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>								

SOIL BORING LOG		445 East 163 rd Street Bronx, New York AKRF Project Number: 210407		Soil Boring ID:	SB-08			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Direct Push Probe: Track-mounted	Drilling				
		Sampling Method:	5-ft Acetate Liners	Start Time: 09:00		Finish Time: 09:15		
		Driller:	Coastal Environmental	Date: 3/8/2022				
		Weather:	36-52 °F Cloudy					
		Logged By:	T. Larigan, AKRF					
Depth (feet)	Recovery (inches)	Surface Condition: Asphalt		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	34	Top 3": ASPHALT.		ND	DRY	ND	NA	SB-08_1-3_20220308
2		Bottom 31": Brown SAND, some fine-Gravel, trace Silt, Brick (FILL).		ND	DRY	ND	NA	
3								
4								
5								
6	20	Top 6": Brown SAND, some fine-Gravel, trace Silt, Brick, Wood (FILL).		ND	DRY	ND	NA	
7		Bottom 14": Light brown SAND, trace fine-Gravel, Silt.		ND	DRY	ND	NA	
8								
9								
10								
11	15	Light brown SAND, trace fine-Gravel, Silt.		ND	DRY	ND	NA	SB-08_12-14_20220308
12								
13								
14								
15								
Notes: Soil samples analyzed for TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals. Groundwater was not encountered during soil boring advancement. End of soil boring at 15 feet below grade. PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected <i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>								

SOIL BORING LOG		445 East 163 rd Street Bronx, New York AKRF Project Number: 210407		Soil Boring ID:	SB-09			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Direct Push Probe: Track-mounted	Drilling				
		Sampling Method:	5-ft Acetate Liners	Start Time: 13:30		Finish Time: 14:00		
		Driller:	Coastal Environmental	Date: 3/7/2022				
		Weather:	51-71 °F Cloudy					
		Logged By:	T. Larigan, AKRF					
Depth (feet)	Recovery (inches)	Surface Condition: Asphalt		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	26	Top 3": ASPHALT.		ND	DRY	ND	NA	SB-09_1-3_20220307
2		Bottom 23": Brown SAND, little fine-Gravel, trace Silt, Asphalt (FILL).		ND	DRY	ND	NA	
3								
4								
5								
6	32	Top 6": Brown SAND, little fine-Gravel, trace Silt, Asphalt (FILL).		ND	DRY	ND	NA	
7		Bottom 26": Light brown SAND, little fine-Gravel, Silt.		ND	DRY	ND	NA	
8								
9								
10								
11	32	Light brown SAND, little fine-Gravel, Silt.		ND	DRY	ND	NA	SB-09_12-14_20220307
12								
13								
14								
15								
Notes: Soil samples analyzed for TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals. Groundwater was not encountered during soil boring advancement. End of soil boring at 15 feet below grade. PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected <i>Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.</i>								

SOIL BORING LOG		445 East 163 rd Street Bronx, New York AKRF Project Number: 210407		Soil Boring ID:	SB-10			
 440 Park Avenue South, 7 th Floor New York, NY 10016		Drilling Method:	Direct Push Probe: Track-mounted	Drilling				
		Sampling Method:	5-ft Acetate Liners	Start Time: 12:30		Finish Time: 12:45		
		Driller:	Coastal Environmental	Date: 3/7/2022				
		Weather:	51-71 °F Cloudy					
		Logged By:	T. Larigan, AKRF					
Depth (feet)	Recovery (inches)	Surface Condition: Asphalt		Odor	Moisture	PID	NAPL	Soil Samples Collected for Laboratory Analysis
1	25	Top 3": ASPHALT.		ND	DRY	ND	NA	SB-10_1-3_20220307
2		Bottom 22": Brown SAND, some fine-Gravel, little Brick, trace, Silt, Ash (FILL).		ND	DRY	ND	NA	
3								
4								
5								
6	14	Light brown SAND, little fine-Gravel, trace Silt.		ND	DRY	ND	NA	
7								
8								
9								
10								
11	8	Light brown SAND, little fine-Gravel, trace Silt.		ND	DRY	ND	NA	SB-10_12-14_20220307
12								
13								
14								
15								
Notes: Soil samples analyzed for TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals. Groundwater was not encountered during soil boring advancement. End of soil boring at 15 feet below grade. PID = photoionization detector NAPL = non-aqueous phase liquid ND = not detected Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.								

APPENDIX D
GROUNDWATER SAMPLING LOGS



Well Sampling Log

Project Name / Number: 445 East 163 rd Street / 210407	Client: Bogopa 163 LLC	Well No: TW-01
Project Location: 445 E. 163rd Street, Bronx, New York	Sampled By: T. Larigan	
Date: 3/8/2022	Sampling Time: 12:00	
LEL at surface: Not Applicable		
PID at surface: Non-Detect		
Total Depth: 24.79 ft. below top of casing	Water Column (WC): 7.01 feet	*= 0.041 * WC for 1" wells
Depth to Water: 17.78 ft. below top of casing	Well Volume*: 0.29 gallons	*= 0.163 * WC for 2" wells
Depth to Product: Non-Detect ft. below top of casing	Volume Purged: 2.0 gallons	*= 0.653 * WC for 4" wells
Depth to top of screen: 14.79 ft. below top of casing	Well Diam.: 1 inch	
Depth to bottom of screen: 24.79 ft. below top of casing	Purging Device (pump type): Peristaltic Pump	
Approx. Pump Intake: 21.00 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
11:20	17.78	100	13.02	9.84	9.21	7.56	-350	1000	No odors or sheen.
11:25	17.79	100	13.41	9.65	6.45	7.32	-399	622	
11:30	17.81	100	13.68	9.32	3.21	7.28	-412	305	
11:35	17.81	100	13.72	9.18	2.74	7.14	-463	145	
11:40	17.81	100	13.68	9.13	1.13	7.11	-483	76.3	
11:45	17.81	100	13.97	9.14	0.00	7.02	-487	49.6	
11:50	17.82	100	14.02	9.12	0.00	7.00	-491	32.1	
11:55	17.82	100	14.11	9.13	0.00	6.95	-496	29.4	
12:00	SAMPLE COLLECTED								
12:10	17.82	100	14.16	9.15	0.00	6.86	-500	18.2	

Groundwater samples analyzed for: TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals (total and dissolved).



Well Sampling Log

Project Name / Number: 445 East 163 rd Street / 210407	Client: Bogopa 163 LLC	Well No: TW-02
Project Location: 445 E. 163rd Street, Bronx, New York	Sampled By: T. Larigan	
Date: 3/8/2022	Sampling Time: 13:30	
LEL at surface: Not Applicable		
PID at surface: Non-Detect		
Total Depth: 24.95 ft. below top of casing	Water Column (WC): 7.38 feet	*= 0.041 * WC for 1" wells
Depth to Water: 17.57 ft. below top of casing	Well Volume*: 0.30 gallons	*= 0.163 * WC for 2" wells
Depth to Product: Non-Detect ft. below top of casing	Volume Purged: 2.0 gallons	*= 0.653 * WC for 4" wells
Depth to top of screen: 14.95 ft. below top of casing	Well Diam.: 1 inch	
Depth to bottom of screen: 24.95 ft. below top of casing	Purging Device (pump type): Peristaltic Pump	
Approx. Pump Intake: 21.00 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
12:50	17.57	100	15.84	4.02	3.71	7.93	-127	567	No odors or sheen.
12:55	17.58	100	15.97	3.84	1.95	7.65	-104	248	
13:00	17.58	100	16.24	3.67	1.08	7.25	-80	106	
13:05	17.58	100	16.38	3.53	0.80	7.28	-78	87.4	
13:10	17.59	100	16.45	3.49	0.00	7.26	-71	62.3	
13:15	17.59	100	16.82	3.46	0.00	7.25	-61	48.1	
13:20	17.59	100	16.56	3.44	0.00	7.24	-62	42.2	
13:25	17.59	100	16.73	3.44	0.00	7.24	-61	40.4	
13:30	SAMPLE COLLECTED								
13:40	17.60	100	16.95	3.43	0.00	7.24	-60	39.5	

Groundwater samples analyzed for: TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals (total and dissolved).



Well Sampling Log

Project Name / Number: 445 East 163 rd Street / 210407	Client: Bogopa 163 LLC	Well No: TW-03
Project Location: 445 E. 163rd Street, Bronx, New York	Sampled By: T. Larigan	
Date: 3/8/2022	Sampling Time: 14:00	
LEL at surface: Not Applicable		
PID at surface: Non-Detect		
Total Depth: 24.92 ft. below top of casing	Water Column (WC): 7.48 feet	*= 0.041 * WC for 1" wells
Depth to Water: 17.44 ft. below top of casing	Well Volume*: 0.31 gallons	*= 0.163 * WC for 2" wells
Depth to Product: Non-Detect ft. below top of casing	Volume Purged: 1.5 gallons	*= 0.653 * WC for 4" wells
Depth to top of screen: 14.92 ft. below top of casing	Well Diam.: 1 inch	
Depth to bottom of screen: 24.92 ft. below top of casing	Purging Device (pump type): Peristaltic Pump	
Approx. Pump Intake: 21.00 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)	
13:35	17.44	100	16.05	4.02	3.80	7.45	-52	122	No odors or sheen.	
13:40	17.45	100	16.35	4.04	0.65	7.24	-50	76.3		
13:45	17.45	100	16.38	4.03	0.00	7.22	-61	40.1		
13:50	17.45	100	16.42	4.03	0.00	7.20	-65	39.7		
13:55	17.45	100	16.40	4.01	0.00	7.19	-67	26.3		
14:00	SAMPLE COLLECTED									
14:10	17.46	100	16.45	4.02	0.00	7.18	-72	14.2		

Groundwater samples analyzed for: TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals (total and dissolved).



Well Sampling Log

Project Name / Number: 445 East 163 rd Street / 210407	Client: Bogopa 163 LLC	Well No: TW-04
Project Location: 445 E. 163rd Street, Bronx, New York	Sampled By: T. Larigan	
Date: 3/8/2022	Sampling Time: 08:55	
LEL at surface: Not Applicable		
PID at surface: Non-Detect		
Total Depth: 24.88 ft. below top of casing	Water Column (WC): 5.20 feet	*= 0.041 * WC for 1" wells
Depth to Water: 19.68 ft. below top of casing	Well Volume*: 0.21 gallons	*= 0.163 * WC for 2" wells
Depth to Product: Non-Detect ft. below top of casing	Volume Purged: 1.5 gallons	*= 0.653 * WC for 4" wells
Depth to top of screen: 14.88 ft. below top of casing	Well Diam.: 1 inch	
Depth to bottom of screen: 24.88 ft. below top of casing	Purging Device (pump type): Peristaltic Pump	
Approx. Pump Intake: 21.00 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
8:30	19.68	100	14.91	3.98	1.20	7.34	-114	210	No odors or sheen.
8:35	19.70	100	14.97	3.62	0.63	7.65	-81	105	
8:40	19.71	100	14.82	3.57	0.00	7.68	-65	42.3	
8:45	19.71	100	14.66	3.54	0.00	7.70	-66	31.1	
8:50	19.71	100	14.54	3.51	0.00	7.74	-65	27.8	
8:55	SAMPLE COLLECTED								
9:05	19.71	100	14.63	3.44	0.00	7.78	-66	20.2	

Groundwater samples analyzed for: TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals (total and dissolved).



Well Sampling Log

Project Name / Number: 445 East 163 rd Street / 210407	Client: Bogopa 163 LLC	Well No: TW-05
Project Location: 445 E. 163rd Street, Bronx, New York	Sampled By: T. Larigan	
Date: 3/7/2022	Sampling Time: 16:05	
LEL at surface: Not Applicable		
PID at surface: Non-Detect		
Total Depth: 24.49 ft. below top of casing	Water Column (WC): 6.29 feet	*= 0.041 * WC for 1" wells
Depth to Water: 18.20 ft. below top of casing	Well Volume*: 0.26 gallons	*= 0.163 * WC for 2" wells
Depth to Product: Non-Detect ft. below top of casing	Volume Purged: 1.0 gallons	*= 0.653 * WC for 4" wells
Depth to top of screen: 14.49 ft. below top of casing	Well Diam.: 1 inch	
Depth to bottom of screen: 24.49 ft. below top of casing	Purging Device (pump type): Peristaltic Pump	
Approx. Pump Intake: 21.00 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
15:45	18.2	100	16.75	4.4	3.06	7.44	-75	108	No odors or sheen.
15:50	18.21	100	16.25	4.21	0.99	7.33	-100	48.7	
15:55	18.21	100	16.23	3.82	0.91	7.30	-91	41.3	
16:00	18.21	100	16.17	3.77	0.89	7.29	-93	40.1	
16:05	SAMPLE COLLECTED								
16:15	18.21	100	16.20	3.75	0.86	7.29	-92	36.2	

Groundwater samples analyzed for: TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals (total and dissolved).



Well Sampling Log

Project Name / Number: 445 East 163 rd Street / 210407	Client: Bogopa 163 LLC	Well No: TW-06
Project Location: 445 E. 163rd Street, Bronx, New York	Sampled By: T. Larigan	
Date: 3/7/2022	Sampling Time: 15:10	
LEL at surface: Not Applicable		
PID at surface: Non-Detect		
Total Depth: 24.60 ft. below top of casing	Water Column (WC): 6.24 feet	*= 0.041 * WC for 1" wells
Depth to Water: 18.36 ft. below top of casing	Well Volume*: 0.26 gallons	*= 0.163 * WC for 2" wells
Depth to Product: Non-Detect ft. below top of casing	Volume Purged: 1.5 gallons	*= 0.653 * WC for 4" wells
Depth to top of screen: 14.60 ft. below top of casing	Well Diam.: 1 inch	
Depth to bottom of screen: 24.60 ft. below top of casing	Purging Device (pump type): Peristaltic Pump	
Approx. Pump Intake: 21.00 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
14:45	18.36	100	18.36	2.99	2.18	7.94	28	413	No odors or sheen.
14:50	18.37	100	18.30	2.95	1.90	7.47	66	153	
14:55	18.38	100	18.23	2.94	1.30	7.42	69	46.5	
15:00	18.38	100	18.25	2.93	1.22	7.41	68	32.8	
15:05	18.38	100	18.20	2.93	1.19	7.41	68	29.0	
15:10	SAMPLE COLLECTED								
15:15	18.38	100	18.34	2.93	1.08	7.40	68	22.4	

Groundwater samples analyzed for: TCL VOCs, TCL SVOCs, PCBs, TCL Pesticides, and TAL Metals (total and dissolved).

APPENDIX E
SOIL VAPOR SAMPLING LOGS



Soil Vapor Sample Log

AKRF Project No:	210407	Point Installed By:	Coastal Environmental
Project Location:	445 E. 163 rd Street, Bronx, NY	Installation Method:	Direct Push Probe
Client:	Bogopa 163 LLC	Sampled By:	T. Larigan
Date:	3/8/2022	Weather:	36-52° F, Cloudy
Sample Setup			
Vapor Point Depth:	60 Inches	Total Time of Purge:	10 minutes
Purging Pump:	Gilair Plus (or equal)	Purge Volume:	1.9 L
Pump Flow Rate*:	0.2 L/min	Purged Vapor PID:	0.4 ppm
		Helium Concentration:	ND
Sample Identification			
Soil Vapor Point ID:	SV-01	SUMMA® Canister ID:	11152
Flow Controller ID:	11899	Soil Vapor Sample ID:	SV-01_20220308
Sample Collection			
	Time	Vacuum (in/Hg)	Background PID
Time Started:	10:26	-30	ND
Time Halfway:	11:26	-14	ND
Time Stopped:	11:46	-6	ND
Notes:	*Purge flow rate not to exceed 0.2 L/min.		
	ND = non-detect ppm = parts per million L/min = Liters per minute		
	Soil vapor sample collected in a 6-L SUMMA® canister using a 2-hour flow controller.		



Soil Vapor Sample Log

AKRF Project No:	210407	Point Installed By:	Coastal Environmental
Project Location:	445 E. 163 rd Street, Bronx, NY	Installation Method:	Direct Push Probe
Client:	Bogopa 163 LLC	Sampled By:	T. Larigan
Date:	3/8/2022	Weather:	36-52° F, Cloudy
Sample Setup			
Vapor Point Depth:	60 Inches	Total Time of Purge:	10 minutes
Purging Pump:	Gilair Plus (or equal)	Purge Volume:	1.9 L
Pump Flow Rate*:	0.2 L/min	Purged Vapor PID:	0.2 ppm
		Helium Concentration:	ND
Sample Identification			
Soil Vapor Point ID:	SV-02	SUMMA® Canister ID:	10992
Flow Controller ID:	10140	Soil Vapor Sample ID:	SV-02_20220308
Sample Collection			
	Time	Vacuum (in/Hg)	Background PID
Time Started:	10:28	-30	ND
Time Halfway:	11:28	-20	ND
Time Stopped:	12:28	-4	ND
Notes:	*Purge flow rate not to exceed 0.2 L/min.		
	ND = non-detect ppm = parts per million L/min = Liters per minute		
	Soil vapor sample collected in a 6-L SUMMA® canister using a 2-hour flow controller.		



Soil Vapor Sample Log

AKRF Project No:	210407	Point Installed By:	Coastal Environmental
Project Location:	445 E. 163 rd Street, Bronx, NY	Installation Method:	Direct Push Probe
Client:	Bogopa 163 LLC	Sampled By:	T. Larigan
Date:	3/8/2022	Weather:	36-52° F, Cloudy
Sample Setup			
Vapor Point Depth:	60 Inches	Total Time of Purge:	10 minutes
Purging Pump:	Gilair Plus (or equal)	Purge Volume:	1.9 L
Pump Flow Rate*:	0.2 L/min	Purged Vapor PID:	1.7 ppm
		Helium Concentration:	ND
Sample Identification			
Soil Vapor Point ID:	SV-03	SUMMA® Canister ID:	12094
Flow Controller ID:	10652	Soil Vapor Sample ID:	SV-03_20220308
Sample Collection			
	Time	Vacuum (in/Hg)	Background PID
Time Started:	10:30	-30	ND
Time Halfway:	11:30	-18	ND
Time Stopped:	12:30	-3	ND
Notes:	*Purge flow rate not to exceed 0.2 L/min.		
	ND = non-detect ppm = parts per million L/min = Liters per minute		
	Soil vapor sample collected in a 6-L SUMMA® canister using a 2-hour flow controller.		



Soil Vapor Sample Log

AKRF Project No:	210407	Point Installed By:	Coastal Environmental
Project Location:	445 E. 163 rd Street, Bronx, NY	Installation Method:	Direct Push Probe
Client:	Bogopa 163 LLC	Sampled By:	T. Larigan
Date:	3/8/2022	Weather:	36-52° F, Cloudy
Sample Setup			
Vapor Point Depth:	60 Inches	Total Time of Purge:	10 minutes
Purging Pump:	Gilair Plus (or equal)	Purge Volume:	1.9 L
Pump Flow Rate*:	0.2 L/min	Purged Vapor PID:	ND
		Helium Concentration:	ND
Sample Identification			
Soil Vapor Point ID:	SV-04	SUMMA® Canister ID:	10106
Flow Controller ID:	10442	Soil Vapor Sample ID:	SV-04_20220308
Sample Collection			
	Time	Vacuum (in/Hg)	Background PID
Time Started:	10:20	-30	ND
Time Halfway:	11:20	-16	ND
Time Stopped:	12:02	-4	ND
Notes:	*Purge flow rate not to exceed 0.2 L/min.		
	ND = non-detect ppm = parts per million L/min = Liters per minute		
	Soil vapor sample collected in a 6-L SUMMA® canister using a 2-hour flow controller.		



Soil Vapor Sample Log

AKRF Project No:	210407	Point Installed By:	Coastal Environmental
Project Location:	445 E. 163 rd Street, Bronx, NY	Installation Method:	Direct Push Probe
Client:	Bogopa 163 LLC	Sampled By:	T. Larigan
Date:	3/8/2022	Weather:	36-52° F, Cloudy
Sample Setup			
Vapor Point Depth:	60 Inches	Total Time of Purge:	10 minutes
Purging Pump:	Gilair Plus (or equal)	Purge Volume:	1.9 L
Pump Flow Rate*:	0.2 L/min	Purged Vapor PID:	ND
		Helium Concentration:	ND
Sample Identification			
Soil Vapor Point ID:	SV-05	SUMMA® Canister ID:	34000707
Flow Controller ID:	9653	Soil Vapor Sample ID:	SV-05_20220308
Sample Collection			
	Time	Vacuum (in/Hg)	Background PID
Time Started:	10:24	-30	ND
Time Halfway:	11:24	-21	ND
Time Stopped:	12:22	-7	ND
Notes:	*Purge flow rate not to exceed 0.2 L/min.		
	ND = non-detect ppm = parts per million L/min = Liters per minute		
	Soil vapor sample collected in a 6-L SUMMA® canister using a 2-hour flow controller.		



Soil Vapor Sample Log

AKRF Project No:	210407	Point Installed By:	Coastal Environmental
Project Location:	445 E. 163 rd Street, Bronx, NY	Installation Method:	Direct Push Probe
Client:	Bogopa 163 LLC	Sampled By:	T. Larigan
Date:	3/8/2022	Weather:	36-52° F, Cloudy
Sample Setup			
Vapor Point Depth:	60 Inches	Total Time of Purge:	10 minutes
Purging Pump:	Gilair Plus (or equal)	Purge Volume:	1.9 L
Pump Flow Rate*:	0.2 L/min	Purged Vapor PID:	0.1 ppm
		Helium Concentration:	ND
Sample Identification			
Soil Vapor Point ID:	SV-06	SUMMA® Canister ID:	34000387
Flow Controller ID:	11564	Soil Vapor Sample ID:	SV-06_20220308
Sample Collection			
	Time	Vacuum (in/Hg)	Background PID
Time Started:	10:22	-30	ND
Time Halfway:	11:22	-18	ND
Time Stopped:	12:14	-5	ND
Notes:	*Purge flow rate not to exceed 0.2 L/min.		
	ND = non-detect ppm = parts per million L/min = Liters per minute		
	Soil vapor sample collected in a 6-L SUMMA® canister using a 2-hour flow controller.		



Ambient Air Sample Log

AKRF Project No:		210407	Client:	Bogopa 163 LLC
Project Location:		445 E. 163 rd Street, Bronx, NY	Sampled By:	T. Larigan
Date:		3/8/2022	Weather:	36-52 ° F, Cloudy
Sample Setup				
Sample Identification				
On-Site Location:		South-Parking Lot	SUMMA[®] Canister ID:	9981
Flow Controller ID:		11586	Ambient Air Sample ID:	AA_20220308
Sample Collection				
Time		Vacuum (in/Hg)	Background PID	Potential VOC Sources/Notes
Time Started:	10:32	-30	ND	Cars/Vehicles
Time Halfway:	11:32	-20	ND	Cars/Vehicles
Time Stopped:	12:09	-8	ND	Cars/Vehicles
Notes:		ND = non-detect ppm = parts per million L/min = Liters per minute		
		Ambient air sample collected in a 6-L SUMMA [®] canister using a 2-hour flow controller.		

APPENDIX F
LABORATORY ANALYTICAL DATA REPORTS

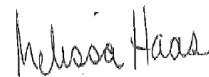
ANALYTICAL REPORT

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Tel: (732)549-3900

Laboratory Job ID: 460-253843-1
Client Project/Site: 445 E. 163rd Street, Bronx, NY

For:
AKRF Inc
440 Park Avenue South
7th Floor
New York, New York 10016

Attn: Mr. Kenneth Wiles



Authorized for release by:
3/17/2022 11:35:15 AM

Melissa Haas, Senior Project Manager
(203)308-0880
Melissa.Haas@Eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



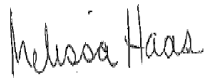
Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Melissa Haas
Senior Project Manager
3/17/2022 11:35:15 AM



Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	6
Detection Summary	13
Client Sample Results	30
Surrogate Summary	153
QC Sample Results	159
QC Association Summary	272
Lab Chronicle	289
Certification Summary	304
Method Summary	305
Sample Summary	306
Chain of Custody	307
Receipt Checklists	313

Definitions/Glossary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	Surrogate is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Surrogate is outside acceptance limits.
*	LCS or LCSD is outside acceptance limits.
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Surrogate is outside acceptance limits.
J	Indicates an estimated value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit

Definitions/Glossary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Job ID: 460-253843-1

Laboratory: Eurofins Edison

Narrative

CASE NARRATIVE

Client: AKRF Inc

Project: 445 E. 163rd Street, Bronx, NY

Report Number: 460-253843-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 3/7/2022 7:00 PM and 3/8/2022 6:30 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.8° C, 2.5° C and 2.9° C.

Receipt Exceptions

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. Received 11 containers for samples 11 + 12 not 9 as recorded on the COC.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

Benzene failed the recovery criteria low for LCSD 460-832843/4. Refer to the QC report for details.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples SB-04_1-3_20220307 (460-253843-1), SB-01_1-3_20220308 (460-253911-1), SB-04_12-14_20220307 (460-253843-2), SB-01_12-14_20220308 (460-253911-2), SB-05_1-3_20220307 (460-253843-3), SB-02_1-3_20220308 (460-253911-3), SB-05_12-14_20220307 (460-253843-4), SB-02_12-14_20220308 (460-253911-4), SB-06_1-3_20220307 (460-253843-5), SB-03_1-3_20220308 (460-253911-5), SB-06_12-14_20220307 (460-253843-6), SB-03_12-14_20220308 (460-253911-6), SB-09_1-3_20220307 (460-253843-7), SB-07_1-3_20220308 (460-253911-7), SB-09_12-14_20220307 (460-253843-8), SB-07_12-14_20220308 (460-253911-8), SB-10_1-3_20220307 (460-253843-9), SB-08_1-3_20220308 (460-253911-9), SB-10_12-14_20220307 (460-253843-10) and SB-08_12-14_20220308 (460-253911-10) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were prepared on 03/08/2022 and 03/09/2022 and analyzed on 03/09/2022 and 03/11/2022.

The continuing calibration verification (CCV) analyzed in batch 460-832767 was outside the method criteria for the following analyte: Dibromofluoromethane (Surr) (bias high), Vinyl chloride and Chloromethane (bias low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed;

Case Narrative

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Job ID: 460-253843-1 (Continued)

Laboratory: Eurofins Edison (Continued)

however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-832424 was outside the method criteria for Dichlorodifluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-832851 was outside the method criteria for Dichlorodifluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-832755 was outside the method criteria for the following analyte(s): Chloromethane and Dichlorodifluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-832960 was outside the method criteria for the following analyte(s): Chloromethane and Dichlorodifluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-832959 was outside the method criteria for the following analytes: Chloromethane, Vinyl chloride and Dichlorodifluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-832767 recovered outside control limits for the following analytes: Vinyl chloride (recovery low), 4-Methyl-2-pentanone (MIBK) and 2-Butanone (MEK) (recovery high). The associated sample data have been flagged and reported.

The laboratory control sample duplicate (LCSD) for analytical batch 460-832843 recovered outside control limits for the following analyte: Benzene. This analyte was biased low in the LCSD and was not detected in the associated samples.

Internal standard (ISTD) response for 1,4-Dioxane-d8 for the following samples was outside acceptance criteria: SB-05_1-3_20220307 (460-253843-3) and SB-06_12-14_20220307 (460-253843-6). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Internal standard (ISTD) response for 1,4-Dioxane-d8 for the following samples in analytical batch 460-832843 was outside acceptance criteria: SB-01_1-3_20220308 (460-253911-1) and SB-01_12-14_20220308 (460-253911-2). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples TW-05_20220307 (460-253843-11), TW-01_20220308 (460-253911-11), TW-06_20220307 (460-253843-12), TW-02_20220308 (460-253911-12), TB_20220307 (460-253843-13), TW-03_20220308 (460-253911-13), TW-04_20220308 (460-253911-14) and TB_20220308 (460-253911-15) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 03/10/2022 and 03/11/2022.

Dibromofluoromethane (Surr) failed the surrogate recovery criteria high for TW-05_20220307 (460-253843-11). Dibromofluoromethane (Surr) failed the surrogate recovery criteria high for TW-06_20220307 (460-253843-12). Dibromofluoromethane (Surr) failed the surrogate recovery criteria high for TB_20220307 (460-253843-13). Dibromofluoromethane (Surr) failed the surrogate recovery criteria high for MB 460-832767/8. Refer to the QC report for details.

Case Narrative

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Job ID: 460-253843-1 (Continued)

Laboratory: Eurofins Edison (Continued)

Vinyl chloride failed the recovery criteria low for LCS 460-832767/4. Vinyl chloride failed the recovery criteria low for LCSD 460-832767/5. 2-Butanone (MEK) and 4-Methyl-2-pentanone (MIBK) failed the recovery criteria high.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples SB-04_1-3_20220307 (460-253843-1), SB-01_1-3_20220308 (460-253911-1), SB-04_12-14_20220307 (460-253843-2), SB-01_12-14_20220308 (460-253911-2), SB-05_1-3_20220307 (460-253843-3), SB-02_1-3_20220308 (460-253911-3), SB-05_12-14_20220307 (460-253843-4), SB-02_12-14_20220308 (460-253911-4), SB-06_1-3_20220307 (460-253843-5), SB-03_1-3_20220308 (460-253911-5), SB-06_12-14_20220307 (460-253843-6), SB-03_12-14_20220308 (460-253911-6), SB-09_1-3_20220307 (460-253843-7), SB-07_1-3_20220308 (460-253911-7), SB-09_12-14_20220307 (460-253843-8), SB-07_12-14_20220308 (460-253911-8), SB-10_1-3_20220307 (460-253843-9), SB-08_1-3_20220308 (460-253911-9), SB-10_12-14_20220307 (460-253843-10) and SB-08_12-14_20220308 (460-253911-10) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Methods 8270E. The samples were prepared on 03/10/2022 and analyzed on 03/10/2022 and 03/11/2022.

Nitrobenzene-d5 (Surr) failed the surrogate recovery criteria high for 460-253352-A-4-C MSD.

Acetophenone, Benzaldehyde, Isophorone and N-Nitrosodi-n-propylamine failed the recovery criteria high for the MS of sample 460-253352-4 in batch 460-832658.

Several analytes failed the recovery criteria high for the MSD of sample 460-253352-4 in batch 460-832658.

Several analytes failed the recovery criteria low for the MS of sample 460-253904-7 in batch 460-832664.

Several analytes failed the recovery criteria low for the MSD of sample 460-253904-7 in batch 460-832664.

The continuing calibration verification (CCV) analyzed in batch 460-832536 was outside the method criteria for the following analyte(s): 3,3'-Dichlorobenzidine and Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-832658 was outside the method criteria for the following analyte(s): Indeno[1,2,3-cd]pyrene, 3,3'-Dichlorobenzidine, 2,2'-oxybis[1-chloropropane], 2-Nitroaniline and Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-832661 was outside the method criteria for the following analyte(s): Indeno[1,2,3-cd]pyrene, 2,4-Dinitrotoluene, Pentachlorophenol and Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-832664 was outside the method criteria for the following analyte(s): Hexachlorocyclopentadiene, Benzaldehyde and Dibenz(a,h)anthracene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-832765 was outside the method criteria for the following analyte(s): 3,3'-Dichlorobenzidine, Benzaldehyde and Indeno[1,2,3-cd]pyrene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No other difficulties were encountered during the semivolatiles analysis.

Case Narrative

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Job ID: 460-253843-1 (Continued)

Laboratory: Eurofins Edison (Continued)

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples TW-05_20220307 (460-253843-11), TW-01_20220308 (460-253911-11), TW-06_20220307 (460-253843-12), TW-02_20220308 (460-253911-12), TW-03_20220308 (460-253911-13) and TW-04_20220308 (460-253911-14) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Methods 8270E. The samples were prepared and analyzed on 03/09/2022 and 03/10/2022.

Atrazine failed the recovery criteria high for LCS 460-832410/2-A. Atrazine failed the recovery criteria high for LCSD 460-832410/3-A. Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

PESTICIDES

Samples SB-04_1-3_20220307 (460-253843-1), SB-01_1-3_20220308 (460-253911-1), SB-04_12-14_20220307 (460-253843-2), SB-01_12-14_20220308 (460-253911-2), SB-05_1-3_20220307 (460-253843-3), SB-02_1-3_20220308 (460-253911-3), SB-05_12-14_20220307 (460-253843-4), SB-02_12-14_20220308 (460-253911-4), SB-06_1-3_20220307 (460-253843-5), SB-03_1-3_20220308 (460-253911-5), SB-06_12-14_20220307 (460-253843-6), SB-03_12-14_20220308 (460-253911-6), SB-09_1-3_20220307 (460-253843-7), SB-07_1-3_20220308 (460-253911-7), SB-09_12-14_20220307 (460-253843-8), SB-07_12-14_20220308 (460-253911-8), SB-10_1-3_20220307 (460-253843-9), SB-08_1-3_20220308 (460-253911-9), SB-10_12-14_20220307 (460-253843-10) and SB-08_12-14_20220308 (460-253911-10) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared on 03/09/2022 and analyzed on 03/10/2022.

Aldrin failed the recovery criteria low for the MS of sample SB-01_1-3_20220308MS (460-253911-1) in batch 460-832606.

Several analytes failed the recovery criteria low for the MSD of sample SB-01_1-3_20220308MSD (460-253911-1) in batch 460-832606.

The %RPD between the primary and confirmation column exceeded 40% for 4,4'-DDD, 4,4'-DDE and Chlordane (technical) for the following sample: SB-09_1-3_20220307 (460-253843-7). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

No other difficulties were encountered during the Pesticides analysis.

All other quality control parameters were within the acceptance limits.

PESTICIDES

Samples TW-05_20220307 (460-253843-11), TW-01_20220308 (460-253911-11), TW-06_20220307 (460-253843-12), TW-02_20220308 (460-253911-12), TW-03_20220308 (460-253911-13) and TW-04_20220308 (460-253911-14) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared on 03/09/2022 and 03/10/2022 and analyzed on 03/09/2022 and 03/11/2022.

No difficulties were encountered during the pesticides analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Samples SB-04_1-3_20220307 (460-253843-1), SB-01_1-3_20220308 (460-253911-1), SB-04_12-14_20220307 (460-253843-2), SB-01_12-14_20220308 (460-253911-2), SB-05_1-3_20220307 (460-253843-3), SB-02_1-3_20220308 (460-253911-3), SB-05_12-14_20220307 (460-253843-4), SB-02_12-14_20220308 (460-253911-4), SB-06_1-3_20220307 (460-253843-5), SB-03_1-3_20220308 (460-253911-5), SB-06_12-14_20220307 (460-253843-6), SB-03_12-14_20220308 (460-253911-6), SB-09_1-3_20220307 (460-253843-7), SB-07_1-3_20220308 (460-253911-7), SB-09_12-14_20220307 (460-253843-8), SB-07_12-14_20220308 (460-253911-8), SB-10_1-3_20220307 (460-253843-9), SB-08_1-3_20220308 (460-253911-9),

Case Narrative

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Job ID: 460-253843-1 (Continued)

Laboratory: Eurofins Edison (Continued)

SB-10_12-14_20220307 (460-253843-10) and SB-08_12-14_20220308 (460-253911-10) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 03/09/2022 and analyzed on 03/10/2022.

DCB Decachlorobiphenyl failed the surrogate recovery criteria high for SB-08_12-14_20220308 (460-253911-10). Refer to the QC report for details.

The DCB Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (high biased) on the confirmation column: SB-08_12-14_20220308 (460-253911-10). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples TW-05_20220307 (460-253843-11), TW-01_20220308 (460-253911-11), TW-06_20220307 (460-253843-12), TW-02_20220308 (460-253911-12), TW-03_20220308 (460-253911-13) and TW-04_20220308 (460-253911-14) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 03/09/2022 and 03/10/2022 and analyzed on 03/09/2022 and 03/11/2022.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

TOTAL METALS (ICP/MS)

Samples SB-04_1-3_20220307 (460-253843-1), SB-01_1-3_20220308 (460-253911-1), SB-04_12-14_20220307 (460-253843-2), SB-01_12-14_20220308 (460-253911-2), SB-05_1-3_20220307 (460-253843-3), SB-02_1-3_20220308 (460-253911-3), SB-05_12-14_20220307 (460-253843-4), SB-02_12-14_20220308 (460-253911-4), SB-06_1-3_20220307 (460-253843-5), SB-03_1-3_20220308 (460-253911-5), SB-06_12-14_20220307 (460-253843-6), SB-03_12-14_20220308 (460-253911-6), SB-09_1-3_20220307 (460-253843-7), SB-07_1-3_20220308 (460-253911-7), SB-09_12-14_20220307 (460-253843-8), SB-07_12-14_20220308 (460-253911-8), SB-10_1-3_20220307 (460-253843-9), SB-08_1-3_20220308 (460-253911-9), SB-10_12-14_20220307 (460-253843-10) and SB-08_12-14_20220308 (460-253911-10) were analyzed for Total Metals (ICP/MS) in accordance with EPA SW-846 Method 6020B. The samples were prepared on 03/11/2022 and 03/12/2022 and analyzed on 03/13/2022, 03/14/2022 and 03/15/2022.

Potassium was detected in method blank MB 460-833025/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

Antimony failed the recovery criteria low for the MS of sample 460-253658-1 in batch 460-833332. Aluminum, Chromium, Iron and Vanadium failed the recovery criteria high.

Several analytes failed the recovery criteria low for the MS of sample 460-253840-1 in batch 460-833159. Iron, Lead and Manganese failed the recovery criteria high.

Antimony failed the recovery criteria low for the MS of sample 460-253938-1 in batch 460-833204. Several analytes failed the recovery criteria high.

Samples SB-04_1-3_20220307 (460-253843-1)[5X], SB-05_1-3_20220307 (460-253843-3)[5X], SB-02_1-3_20220308 (460-253843-3)[5X], SB-05_12-14_20220307 (460-253843-4)[3X], SB-06_1-3_20220307 (460-253843-5)[3X], SB-06_12-14_20220307 (460-253843-6)[3X], SB-09_1-3_20220307 (460-253843-7)[3X] and SB-10_12-14_20220307 (460-253843-10)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The method blank for preparation batch 460-833025 and analytical batch 460-833204 contained potassium above the method detection limit. This target analyte concentration was less than half the reporting limit (1/2RL); therefore, re-extraction and re-analysis of samples

Case Narrative

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Job ID: 460-253843-1 (Continued)

Laboratory: Eurofins Edison (Continued)

was not performed.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

METALS (DISSOLVED)(ICP/MS)

Samples TW-05_20220307 (460-253843-11), TW-01_20220308 (460-253911-11), TW-06_20220307 (460-253843-12), TW-02_20220308 (460-253911-12), TW-03_20220308 (460-253911-13) and TW-04_20220308 (460-253911-14) were analyzed for Metals (Dissolved) (ICP/MS) in accordance with EPA SW-846 Method 6020B. The samples were prepared on 03/10/2022 and analyzed on 03/10/2022 and 03/11/2022.

Calcium and Sodium failed the recovery criteria low for the MS of sample TW-05_20220307MS (460-253843-11) in batch 460-832515.

Barium, Calcium, Magnesium and Sodium failed the recovery criteria low for the MS of sample TW-01_20220308MS (460-253911-11) in batch 460-832924. Magnesium and Sodium failed the recovery criteria high.

Sample TW-01_20220308 (460-253843-11)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The laboratory control sample (LCS) for preparation batch 460-832601 and analytical batch 460-832515 recovered outside control limits for the following analytes: silver. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other difficulties were encountered during the Metals (Dissolved)(ICP/MS) analysis.

All other quality control parameters were within the acceptance limits.

TOTAL METALS (ICP/MS)

Samples TW-05_20220307 (460-253843-11), TW-01_20220308 (460-253911-11), TW-06_20220307 (460-253843-12), TW-02_20220308 (460-253911-12), TW-03_20220308 (460-253911-13) and TW-04_20220308 (460-253911-14) were analyzed for Total Metals (ICP/MS) in accordance with EPA SW-846 Method 6020B. The samples were prepared on 03/11/2022 and analyzed on 03/13/2022.

Silver failed the recovery criteria high for LCS 460-832601/11-A. Refer to the QC report for details.

Aluminum and Iron failed the recovery criteria low for the MS of sample 460-253503-1 in batch 460-833159.

Calcium and Sodium failed the recovery criteria low for the MS of sample 460-253589-4 in batch 460-833159.

Beryllium and Zinc exceeded the RPD limit for the duplicate of sample 460-253503-1. Vanadium exceeded the RPD limit for the duplicate of sample 460-253589-4. Refer to the QC report for details.

Sample TW-01_20220308 (460-253843-11)[3X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Total Metals (ICP/MS) analysis.

All other quality control parameters were within the acceptance limits.

DISSOLVED MERCURY

Samples TW-05_20220307 (460-253843-11), TW-01_20220308 (460-253911-11), TW-06_20220307 (460-253843-12), TW-02_20220308 (460-253911-12), TW-03_20220308 (460-253911-13) and TW-04_20220308 (460-253911-14) were analyzed for dissolved mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 03/10/2022 and 03/14/2022.

No difficulties were encountered during the dissolved Hg analysis.

All quality control parameters were within the acceptance limits.

Case Narrative

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Job ID: 460-253843-1 (Continued)

Laboratory: Eurofins Edison (Continued)

TOTAL MERCURY

Samples TW-05_20220307 (460-253843-11), TW-01_20220308 (460-253911-11), TW-06_20220307 (460-253843-12), TW-02_20220308 (460-253911-12), TW-03_20220308 (460-253911-13) and TW-04_20220308 (460-253911-14) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 03/10/2022 and 03/11/2022.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples SB-04_1-3_20220307 (460-253843-1), SB-01_1-3_20220308 (460-253911-1), SB-04_12-14_20220307 (460-253843-2), SB-01_12-14_20220308 (460-253911-2), SB-05_1-3_20220307 (460-253843-3), SB-02_1-3_20220308 (460-253911-3), SB-05_12-14_20220307 (460-253843-4), SB-02_12-14_20220308 (460-253911-4), SB-06_1-3_20220307 (460-253843-5), SB-03_1-3_20220308 (460-253911-5), SB-06_12-14_20220307 (460-253843-6), SB-03_12-14_20220308 (460-253911-6), SB-09_1-3_20220307 (460-253843-7), SB-07_1-3_20220308 (460-253911-7), SB-09_12-14_20220307 (460-253843-8), SB-07_12-14_20220308 (460-253911-8), SB-10_1-3_20220307 (460-253843-9), SB-08_1-3_20220308 (460-253911-9), SB-10_12-14_20220307 (460-253843-10) and SB-08_12-14_20220308 (460-253911-10) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 03/10/2022 and 03/11/2022.

Mercury failed the recovery criteria high for the MS of sample SB-09_1-3_20220307MS (460-253843-7) in batch 460-832698.

No other difficulties were encountered during the Hg analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples SB-04_1-3_20220307 (460-253843-1), SB-01_1-3_20220308 (460-253911-1), SB-04_12-14_20220307 (460-253843-2), SB-01_12-14_20220308 (460-253911-2), SB-05_1-3_20220307 (460-253843-3), SB-02_1-3_20220308 (460-253911-3), SB-05_12-14_20220307 (460-253843-4), SB-02_12-14_20220308 (460-253911-4), SB-06_1-3_20220307 (460-253843-5), SB-03_1-3_20220308 (460-253911-5), SB-06_12-14_20220307 (460-253843-6), SB-03_12-14_20220308 (460-253911-6), SB-09_1-3_20220307 (460-253843-7), SB-07_1-3_20220308 (460-253911-7), SB-09_12-14_20220307 (460-253843-8), SB-07_12-14_20220308 (460-253911-8), SB-10_1-3_20220307 (460-253843-9), SB-08_1-3_20220308 (460-253911-9), SB-10_12-14_20220307 (460-253843-10) and SB-08_12-14_20220308 (460-253911-10) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 03/11/2022 and 03/12/2022.

Percent Moisture exceeded the RPD limit for the duplicate of sample 460-253846-6. Percent Moisture exceeded the RPD limit for the duplicate of sample 460-253960-1. Refer to the QC report for details.

No other difficulties were encountered during the %solids/moisture analysis.

All other quality control parameters were within the acceptance limits.

Detection Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-04_1-3_20220307

Lab Sample ID: 460-253843-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.017	J	0.37	0.010	mg/Kg	1	✳	8270E	Total/NA
Acenaphthene	0.11	J	0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
Acenaphthylene	0.14	J	0.37	0.0037	mg/Kg	1	✳	8270E	Total/NA
Anthracene	0.43		0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]anthracene	1.8		0.037	0.013	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]pyrene	1.6		0.037	0.0099	mg/Kg	1	✳	8270E	Total/NA
Benzo[b]fluoranthene	2.1		0.037	0.0096	mg/Kg	1	✳	8270E	Total/NA
Benzo[g,h,i]perylene	0.91		0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
Benzo[k]fluoranthene	0.75		0.037	0.0073	mg/Kg	1	✳	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.077	J	0.37	0.020	mg/Kg	1	✳	8270E	Total/NA
Carbazole	0.15	J	0.37	0.014	mg/Kg	1	✳	8270E	Total/NA
Chrysene	1.6		0.37	0.0063	mg/Kg	1	✳	8270E	Total/NA
Dibenz(a,h)anthracene	0.29		0.037	0.016	mg/Kg	1	✳	8270E	Total/NA
Dibenzofuran	0.065	J	0.37	0.0052	mg/Kg	1	✳	8270E	Total/NA
Fluoranthene	3.4		0.37	0.013	mg/Kg	1	✳	8270E	Total/NA
Fluorene	0.14	J	0.37	0.0051	mg/Kg	1	✳	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1.1		0.037	0.015	mg/Kg	1	✳	8270E	Total/NA
Naphthalene	0.047	J	0.37	0.0064	mg/Kg	1	✳	8270E	Total/NA
Phenanthrene	1.7		0.37	0.0066	mg/Kg	1	✳	8270E	Total/NA
Pyrene	2.7		0.37	0.0093	mg/Kg	1	✳	8270E	Total/NA
4,4'-DDE	0.0060	J	0.0076	0.00089	mg/Kg	1	✳	8081B	Total/NA
4,4'-DDT	0.032		0.0076	0.0014	mg/Kg	1	✳	8081B	Total/NA
Aluminum	5830		18.6	5.1	mg/Kg	1	✳	6020B	Total/NA
Antimony	0.70	J	0.93	0.14	mg/Kg	1	✳	6020B	Total/NA
Arsenic	3.4		0.93	0.096	mg/Kg	1	✳	6020B	Total/NA
Barium	375		1.9	0.13	mg/Kg	1	✳	6020B	Total/NA
Beryllium	0.63		0.37	0.053	mg/Kg	1	✳	6020B	Total/NA
Cadmium	0.42	J	0.93	0.10	mg/Kg	1	✳	6020B	Total/NA
Calcium	89600		464	82.1	mg/Kg	5	✳	6020B	Total/NA
Chromium	11.3		1.9	0.25	mg/Kg	1	✳	6020B	Total/NA
Cobalt	4.3		1.9	0.14	mg/Kg	1	✳	6020B	Total/NA
Copper	34.2		1.9	0.34	mg/Kg	1	✳	6020B	Total/NA
Iron	11800		55.7	18.7	mg/Kg	1	✳	6020B	Total/NA
Lead	134		0.56	0.19	mg/Kg	1	✳	6020B	Total/NA
Magnesium	31300		92.8	9.5	mg/Kg	1	✳	6020B	Total/NA
Manganese	330		3.7	0.37	mg/Kg	1	✳	6020B	Total/NA
Nickel	9.1		1.9	0.44	mg/Kg	1	✳	6020B	Total/NA
Potassium	732		92.8	11.2	mg/Kg	1	✳	6020B	Total/NA
Selenium	0.13	J	1.2	0.12	mg/Kg	1	✳	6020B	Total/NA
Sodium	581		92.8	42.4	mg/Kg	1	✳	6020B	Total/NA
Thallium	0.11	J	0.37	0.038	mg/Kg	1	✳	6020B	Total/NA
Vanadium	16.1		1.9	0.19	mg/Kg	1	✳	6020B	Total/NA
Zinc	246		7.4	2.8	mg/Kg	1	✳	6020B	Total/NA
Mercury	0.18		0.019	0.0089	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: SB-04_12-14_20220307

Lab Sample ID: 460-253843-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	3500		15.5	4.2	mg/Kg	1	✳	6020B	Total/NA
Arsenic	0.98		0.77	0.080	mg/Kg	1	✳	6020B	Total/NA
Barium	19.6		1.5	0.11	mg/Kg	1	✳	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-04_12-14_20220307 (Continued)

Lab Sample ID: 460-253843-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.28	J	0.31	0.044	mg/Kg	1	☒	6020B	Total/NA
Calcium	1370		77.3	13.7	mg/Kg	1	☒	6020B	Total/NA
Chromium	11.2		1.5	0.21	mg/Kg	1	☒	6020B	Total/NA
Cobalt	4.1		1.5	0.11	mg/Kg	1	☒	6020B	Total/NA
Copper	12.0		1.5	0.28	mg/Kg	1	☒	6020B	Total/NA
Iron	7820		46.4	15.6	mg/Kg	1	☒	6020B	Total/NA
Lead	2.2		0.46	0.15	mg/Kg	1	☒	6020B	Total/NA
Magnesium	2330		77.3	7.9	mg/Kg	1	☒	6020B	Total/NA
Manganese	125		3.1	0.31	mg/Kg	1	☒	6020B	Total/NA
Nickel	8.8		1.5	0.36	mg/Kg	1	☒	6020B	Total/NA
Potassium	962		77.3	9.3	mg/Kg	1	☒	6020B	Total/NA
Sodium	129		77.3	35.3	mg/Kg	1	☒	6020B	Total/NA
Thallium	0.070	J	0.31	0.032	mg/Kg	1	☒	6020B	Total/NA
Vanadium	13.3		1.5	0.16	mg/Kg	1	☒	6020B	Total/NA
Zinc	15.6		6.2	2.4	mg/Kg	1	☒	6020B	Total/NA
Mercury	0.0079	J	0.016	0.0075	mg/Kg	1	☒	7471B	Total/NA

Client Sample ID: SB-05_1-3_20220307

Lab Sample ID: 460-253843-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.00097	J	0.0012	0.00038	mg/Kg	1	☒	8260D	Total/NA
Acenaphthylene	0.18	J	0.34	0.0035	mg/Kg	1	☒	8270E	Total/NA
Anthracene	0.093	J	0.34	0.010	mg/Kg	1	☒	8270E	Total/NA
Benzo[a]anthracene	0.81		0.034	0.012	mg/Kg	1	☒	8270E	Total/NA
Benzo[a]pyrene	0.72		0.034	0.0092	mg/Kg	1	☒	8270E	Total/NA
Benzo[b]fluoranthene	1.0		0.034	0.0089	mg/Kg	1	☒	8270E	Total/NA
Benzo[g,h,i]perylene	0.51		0.34	0.010	mg/Kg	1	☒	8270E	Total/NA
Benzo[k]fluoranthene	0.42		0.034	0.0068	mg/Kg	1	☒	8270E	Total/NA
Carbazole	0.020	J	0.34	0.013	mg/Kg	1	☒	8270E	Total/NA
Chrysene	0.84		0.34	0.0058	mg/Kg	1	☒	8270E	Total/NA
Dibenz(a,h)anthracene	0.16		0.034	0.015	mg/Kg	1	☒	8270E	Total/NA
Fluoranthene	1.4		0.34	0.012	mg/Kg	1	☒	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.60		0.034	0.013	mg/Kg	1	☒	8270E	Total/NA
Phenanthrene	0.35		0.34	0.0061	mg/Kg	1	☒	8270E	Total/NA
Pyrene	1.2		0.34	0.0086	mg/Kg	1	☒	8270E	Total/NA
Aluminum	4990		15.7	4.3	mg/Kg	1	☒	6020B	Total/NA
Antimony	0.13	J	0.78	0.11	mg/Kg	1	☒	6020B	Total/NA
Arsenic	1.5		0.78	0.081	mg/Kg	1	☒	6020B	Total/NA
Barium	71.9		1.6	0.11	mg/Kg	1	☒	6020B	Total/NA
Beryllium	0.19	J	0.31	0.045	mg/Kg	1	☒	6020B	Total/NA
Cadmium	0.13	J	0.78	0.088	mg/Kg	1	☒	6020B	Total/NA
Calcium	165000		391	69.3	mg/Kg	5	☒	6020B	Total/NA
Chromium	13.6		1.6	0.21	mg/Kg	1	☒	6020B	Total/NA
Cobalt	3.9		1.6	0.12	mg/Kg	1	☒	6020B	Total/NA
Copper	18.7		1.6	0.29	mg/Kg	1	☒	6020B	Total/NA
Iron	9700		47.0	15.8	mg/Kg	1	☒	6020B	Total/NA
Lead	95.8		0.47	0.16	mg/Kg	1	☒	6020B	Total/NA
Magnesium	20500		78.3	8.0	mg/Kg	1	☒	6020B	Total/NA
Manganese	143		3.1	0.32	mg/Kg	1	☒	6020B	Total/NA
Nickel	10		1.6	0.37	mg/Kg	1	☒	6020B	Total/NA
Potassium	1850		78.3	9.5	mg/Kg	1	☒	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-05_1-3_20220307 (Continued)

Lab Sample ID: 460-253843-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.12	J	0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Sodium	156		78.3	35.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.10	J	0.31	0.032	mg/Kg	1	☼	6020B	Total/NA
Vanadium	16.6		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	80.7		6.3	2.4	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.15		0.016	0.0076	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-05_12-14_20220307

Lab Sample ID: 460-253843-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	4980		46.3	12.7	mg/Kg	3	☼	6020B	Total/NA
Arsenic	0.78	J	2.3	0.24	mg/Kg	3	☼	6020B	Total/NA
Barium	30.7		4.6	0.34	mg/Kg	3	☼	6020B	Total/NA
Beryllium	0.24	J	0.93	0.13	mg/Kg	3	☼	6020B	Total/NA
Calcium	2660		232	41.0	mg/Kg	3	☼	6020B	Total/NA
Chromium	10.3		4.6	0.62	mg/Kg	3	☼	6020B	Total/NA
Cobalt	4.4	J	4.6	0.34	mg/Kg	3	☼	6020B	Total/NA
Copper	15.6		4.6	0.85	mg/Kg	3	☼	6020B	Total/NA
Iron	9610		139	46.8	mg/Kg	3	☼	6020B	Total/NA
Lead	17.2		1.4	0.46	mg/Kg	3	☼	6020B	Total/NA
Magnesium	4480		232	23.6	mg/Kg	3	☼	6020B	Total/NA
Manganese	190		9.3	0.93	mg/Kg	3	☼	6020B	Total/NA
Nickel	9.8		4.6	1.1	mg/Kg	3	☼	6020B	Total/NA
Potassium	1230		232	28.0	mg/Kg	3	☼	6020B	Total/NA
Sodium	197	J	232	106	mg/Kg	3	☼	6020B	Total/NA
Vanadium	15.6		4.6	0.48	mg/Kg	3	☼	6020B	Total/NA
Zinc	28.7		18.5	7.1	mg/Kg	3	☼	6020B	Total/NA

Client Sample ID: SB-06_1-3_20220307

Lab Sample ID: 460-253843-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.022	J	0.37	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.26	J	0.37	0.0037	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.099	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	1.5		0.037	0.013	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	2.0		0.037	0.0098	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	2.4		0.037	0.0095	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1.3		0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	1.0		0.037	0.0072	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.070	J	0.37	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	1.5		0.37	0.0062	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.32		0.037	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.015	J	0.37	0.0052	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	1.6		0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.016	J	0.37	0.0050	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1.5		0.037	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.15	J	0.37	0.0064	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.42		0.37	0.0065	mg/Kg	1	☼	8270E	Total/NA
Pyrene	2.1		0.37	0.0092	mg/Kg	1	☼	8270E	Total/NA
4,4'-DDE	0.0027	J	0.0074	0.00088	mg/Kg	1	☼	8081B	Total/NA
4,4'-DDT	0.0074		0.0074	0.0014	mg/Kg	1	☼	8081B	Total/NA
Aluminum	8200		53.5	14.7	mg/Kg	3	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-06_1-3_20220307 (Continued)

Lab Sample ID: 460-253843-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	11.9		2.7	0.39	mg/Kg	3	✖	6020B	Total/NA
Arsenic	4.5		2.7	0.28	mg/Kg	3	✖	6020B	Total/NA
Barium	555		5.3	0.39	mg/Kg	3	✖	6020B	Total/NA
Beryllium	0.44	J	1.1	0.15	mg/Kg	3	✖	6020B	Total/NA
Cadmium	0.59	J	2.7	0.30	mg/Kg	3	✖	6020B	Total/NA
Calcium	80600		267	47.3	mg/Kg	3	✖	6020B	Total/NA
Chromium	16.9		5.3	0.71	mg/Kg	3	✖	6020B	Total/NA
Cobalt	6.1		5.3	0.40	mg/Kg	3	✖	6020B	Total/NA
Copper	79.6		5.3	0.98	mg/Kg	3	✖	6020B	Total/NA
Iron	14000		160	54.0	mg/Kg	3	✖	6020B	Total/NA
Lead	1100		1.6	0.53	mg/Kg	3	✖	6020B	Total/NA
Magnesium	30700		267	27.3	mg/Kg	3	✖	6020B	Total/NA
Manganese	345		10.7	1.1	mg/Kg	3	✖	6020B	Total/NA
Nickel	15.6		5.3	1.3	mg/Kg	3	✖	6020B	Total/NA
Potassium	1930		267	32.4	mg/Kg	3	✖	6020B	Total/NA
Silver	0.44	J	2.7	0.24	mg/Kg	3	✖	6020B	Total/NA
Sodium	1280		267	122	mg/Kg	3	✖	6020B	Total/NA
Vanadium	26.4		5.3	0.55	mg/Kg	3	✖	6020B	Total/NA
Zinc	338		21.4	8.2	mg/Kg	3	✖	6020B	Total/NA
Mercury	0.11		0.018	0.0084	mg/Kg	1	✖	7471B	Total/NA

Client Sample ID: SB-06_12-14_20220307

Lab Sample ID: 460-253843-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	4420		47.8	13.1	mg/Kg	3	✖	6020B	Total/NA
Arsenic	0.72	J	2.4	0.25	mg/Kg	3	✖	6020B	Total/NA
Barium	42.5		4.8	0.35	mg/Kg	3	✖	6020B	Total/NA
Beryllium	0.18	J	0.96	0.14	mg/Kg	3	✖	6020B	Total/NA
Calcium	9100		239	42.3	mg/Kg	3	✖	6020B	Total/NA
Chromium	13.1		4.8	0.64	mg/Kg	3	✖	6020B	Total/NA
Cobalt	4.4	J	4.8	0.35	mg/Kg	3	✖	6020B	Total/NA
Copper	10.7		4.8	0.88	mg/Kg	3	✖	6020B	Total/NA
Iron	9070		143	48.2	mg/Kg	3	✖	6020B	Total/NA
Lead	14.4		1.4	0.48	mg/Kg	3	✖	6020B	Total/NA
Magnesium	7660		239	24.4	mg/Kg	3	✖	6020B	Total/NA
Manganese	217		9.6	0.96	mg/Kg	3	✖	6020B	Total/NA
Nickel	11.3		4.8	1.1	mg/Kg	3	✖	6020B	Total/NA
Potassium	1220		239	28.9	mg/Kg	3	✖	6020B	Total/NA
Sodium	150	J	239	109	mg/Kg	3	✖	6020B	Total/NA
Vanadium	13.6		4.8	0.49	mg/Kg	3	✖	6020B	Total/NA
Zinc	25.9		19.1	7.3	mg/Kg	3	✖	6020B	Total/NA

Client Sample ID: SB-09_1-3_20220307

Lab Sample ID: 460-253843-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1'-Biphenyl	0.016	J	0.37	0.0049	mg/Kg	1	✖	8270E	Total/NA
2-Methylnaphthalene	0.022	J	0.37	0.010	mg/Kg	1	✖	8270E	Total/NA
Acenaphthylene	0.16	J	0.37	0.0037	mg/Kg	1	✖	8270E	Total/NA
Anthracene	0.077	J	0.37	0.011	mg/Kg	1	✖	8270E	Total/NA
Benzo[a]anthracene	1.3		0.037	0.013	mg/Kg	1	✖	8270E	Total/NA
Benzo[a]pyrene	1.6		0.037	0.0099	mg/Kg	1	✖	8270E	Total/NA
Benzo[b]fluoranthene	2.1		0.037	0.0096	mg/Kg	1	✖	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-09_1-3_20220307 (Continued)

Lab Sample ID: 460-253843-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	1.5		0.37	0.011	mg/Kg	1	✳	8270E	Total/NA
Benzo[k]fluoranthene	0.97		0.037	0.0073	mg/Kg	1	✳	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.033	J	0.37	0.020	mg/Kg	1	✳	8270E	Total/NA
Carbazole	0.058	J	0.37	0.014	mg/Kg	1	✳	8270E	Total/NA
Chrysene	1.3		0.37	0.0063	mg/Kg	1	✳	8270E	Total/NA
Dibenz(a,h)anthracene	0.38		0.037	0.016	mg/Kg	1	✳	8270E	Total/NA
Dibenzofuran	0.014	J	0.37	0.0052	mg/Kg	1	✳	8270E	Total/NA
Fluoranthene	1.5		0.37	0.013	mg/Kg	1	✳	8270E	Total/NA
Fluorene	0.0075	J	0.37	0.0050	mg/Kg	1	✳	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1.5		0.037	0.014	mg/Kg	1	✳	8270E	Total/NA
Naphthalene	0.14	J	0.37	0.0064	mg/Kg	1	✳	8270E	Total/NA
Phenanthrene	0.51		0.37	0.0065	mg/Kg	1	✳	8270E	Total/NA
Pyrene	1.9		0.37	0.0092	mg/Kg	1	✳	8270E	Total/NA
4,4'-DDD	0.0043	J p	0.0075	0.0013	mg/Kg	1	✳	8081B	Total/NA
4,4'-DDE	0.0095	p	0.0075	0.00088	mg/Kg	1	✳	8081B	Total/NA
4,4'-DDT	0.19		0.0075	0.0014	mg/Kg	1	✳	8081B	Total/NA
Chlordane (technical)	0.053	J p	0.075	0.018	mg/Kg	1	✳	8081B	Total/NA
Aluminum	5900		49.9	13.7	mg/Kg	3	✳	6020B	Total/NA
Arsenic	5.6		2.5	0.26	mg/Kg	3	✳	6020B	Total/NA
Barium	998		5.0	0.36	mg/Kg	3	✳	6020B	Total/NA
Beryllium	0.38	J	1.0	0.14	mg/Kg	3	✳	6020B	Total/NA
Cadmium	0.63	J	2.5	0.28	mg/Kg	3	✳	6020B	Total/NA
Calcium	115000		250	44.2	mg/Kg	3	✳	6020B	Total/NA
Chromium	16.8		5.0	0.67	mg/Kg	3	✳	6020B	Total/NA
Cobalt	4.8	J	5.0	0.37	mg/Kg	3	✳	6020B	Total/NA
Copper	22.7		5.0	0.92	mg/Kg	3	✳	6020B	Total/NA
Iron	17000		150	50.4	mg/Kg	3	✳	6020B	Total/NA
Lead	209		1.5	0.50	mg/Kg	3	✳	6020B	Total/NA
Magnesium	37500		250	25.4	mg/Kg	3	✳	6020B	Total/NA
Manganese	618		10	1.0	mg/Kg	3	✳	6020B	Total/NA
Nickel	8.4		5.0	1.2	mg/Kg	3	✳	6020B	Total/NA
Potassium	1150		250	30.2	mg/Kg	3	✳	6020B	Total/NA
Sodium	410		250	114	mg/Kg	3	✳	6020B	Total/NA
Thallium	0.10	J	1.0	0.10	mg/Kg	3	✳	6020B	Total/NA
Vanadium	17.6		5.0	0.51	mg/Kg	3	✳	6020B	Total/NA
Zinc	592		20.0	7.6	mg/Kg	3	✳	6020B	Total/NA
Mercury	0.091		0.018	0.0086	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: SB-09_12-14_20220307

Lab Sample ID: 460-253843-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	0.027	J	0.35	0.019	mg/Kg	1	✳	8270E	Total/NA
Aluminum	6970		17.5	4.8	mg/Kg	1	✳	6020B	Total/NA
Arsenic	0.99		0.87	0.090	mg/Kg	1	✳	6020B	Total/NA
Barium	44.9		1.7	0.13	mg/Kg	1	✳	6020B	Total/NA
Beryllium	0.25	J	0.35	0.050	mg/Kg	1	✳	6020B	Total/NA
Calcium	1940		87.4	15.5	mg/Kg	1	✳	6020B	Total/NA
Chromium	16.9		1.7	0.23	mg/Kg	1	✳	6020B	Total/NA
Cobalt	5.8		1.7	0.13	mg/Kg	1	✳	6020B	Total/NA
Copper	15.4		1.7	0.32	mg/Kg	1	✳	6020B	Total/NA
Iron	13300		52.4	17.6	mg/Kg	1	✳	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-09_12-14_20220307 (Continued)

Lab Sample ID: 460-253843-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.7		0.52	0.17	mg/Kg	1	✳	6020B	Total/NA
Magnesium	4020		87.4	8.9	mg/Kg	1	✳	6020B	Total/NA
Manganese	267		3.5	0.35	mg/Kg	1	✳	6020B	Total/NA
Nickel	13.9		1.7	0.41	mg/Kg	1	✳	6020B	Total/NA
Potassium	1880		87.4	10.6	mg/Kg	1	✳	6020B	Total/NA
Sodium	176		87.4	39.9	mg/Kg	1	✳	6020B	Total/NA
Thallium	0.11	J	0.35	0.036	mg/Kg	1	✳	6020B	Total/NA
Vanadium	20.5		1.7	0.18	mg/Kg	1	✳	6020B	Total/NA
Zinc	32.6		7.0	2.7	mg/Kg	1	✳	6020B	Total/NA

Client Sample ID: SB-10_1-3_20220307

Lab Sample ID: 460-253843-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.00051	J	0.0012	0.00037	mg/Kg	1	✳	8260D	Total/NA
Acenaphthylene	0.034	J	0.36	0.0036	mg/Kg	1	✳	8270E	Total/NA
Anthracene	0.022	J	0.36	0.011	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]anthracene	0.28		0.036	0.013	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]pyrene	0.36		0.036	0.0096	mg/Kg	1	✳	8270E	Total/NA
Benzo[b]fluoranthene	0.49		0.036	0.0093	mg/Kg	1	✳	8270E	Total/NA
Benzo[g,h,i]perylene	0.28	J	0.36	0.011	mg/Kg	1	✳	8270E	Total/NA
Benzo[k]fluoranthene	0.16		0.036	0.0071	mg/Kg	1	✳	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.032	J	0.36	0.019	mg/Kg	1	✳	8270E	Total/NA
Carbazole	0.034	J	0.36	0.014	mg/Kg	1	✳	8270E	Total/NA
Chrysene	0.34	J	0.36	0.0061	mg/Kg	1	✳	8270E	Total/NA
Dibenz(a,h)anthracene	0.072		0.036	0.016	mg/Kg	1	✳	8270E	Total/NA
Dibenzofuran	0.0052	J	0.36	0.0051	mg/Kg	1	✳	8270E	Total/NA
Fluoranthene	0.46		0.36	0.013	mg/Kg	1	✳	8270E	Total/NA
Fluorene	0.0064	J	0.36	0.0049	mg/Kg	1	✳	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.30		0.036	0.014	mg/Kg	1	✳	8270E	Total/NA
Naphthalene	0.018	J	0.36	0.0062	mg/Kg	1	✳	8270E	Total/NA
Phenanthrene	0.20	J	0.36	0.0064	mg/Kg	1	✳	8270E	Total/NA
Pyrene	0.46		0.36	0.0090	mg/Kg	1	✳	8270E	Total/NA
4,4'-DDD	0.0057	J	0.0074	0.0013	mg/Kg	1	✳	8081B	Total/NA
4,4'-DDE	0.016		0.0074	0.00087	mg/Kg	1	✳	8081B	Total/NA
4,4'-DDT	0.032		0.0074	0.0014	mg/Kg	1	✳	8081B	Total/NA
Aluminum	3600		16.5	4.5	mg/Kg	1	✳	6020B	Total/NA
Antimony	0.19	J	0.83	0.12	mg/Kg	1	✳	6020B	Total/NA
Arsenic	2.1		0.83	0.085	mg/Kg	1	✳	6020B	Total/NA
Barium	180		1.7	0.12	mg/Kg	1	✳	6020B	Total/NA
Beryllium	0.19	J	0.33	0.047	mg/Kg	1	✳	6020B	Total/NA
Cadmium	0.40	J	0.83	0.093	mg/Kg	1	✳	6020B	Total/NA
Calcium	17400		82.6	14.6	mg/Kg	1	✳	6020B	Total/NA
Chromium	7.3		1.7	0.22	mg/Kg	1	✳	6020B	Total/NA
Cobalt	2.7		1.7	0.12	mg/Kg	1	✳	6020B	Total/NA
Copper	17.1		1.7	0.30	mg/Kg	1	✳	6020B	Total/NA
Iron	4480		49.5	16.7	mg/Kg	1	✳	6020B	Total/NA
Lead	129		0.50	0.17	mg/Kg	1	✳	6020B	Total/NA
Magnesium	5470		82.6	8.4	mg/Kg	1	✳	6020B	Total/NA
Manganese	89.9		3.3	0.33	mg/Kg	1	✳	6020B	Total/NA
Nickel	9.3		1.7	0.39	mg/Kg	1	✳	6020B	Total/NA
Potassium	961		82.6	10	mg/Kg	1	✳	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-10_1-3_20220307 (Continued)

Lab Sample ID: 460-253843-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.35	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Silver	0.45	J	0.83	0.073	mg/Kg	1	☼	6020B	Total/NA
Sodium	243		82.6	37.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.059	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	25.2		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	177		6.6	2.5	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.23		0.016	0.0078	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-10_12-14_20220307

Lab Sample ID: 460-253843-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	4290		15.6	4.3	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.0		0.78	0.080	mg/Kg	1	☼	6020B	Total/NA
Barium	41.9		1.6	0.11	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.2		0.31	0.044	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.14	J	0.78	0.088	mg/Kg	1	☼	6020B	Total/NA
Calcium	1340		78.0	13.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	8.8		1.6	0.21	mg/Kg	1	☼	6020B	Total/NA
Cobalt	12.7		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	17.7		1.6	0.29	mg/Kg	1	☼	6020B	Total/NA
Iron	23300		46.8	15.8	mg/Kg	1	☼	6020B	Total/NA
Lead	2.7		0.47	0.16	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2260		78.0	8.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	1100		6.2	0.63	mg/Kg	2	☼	6020B	Total/NA
Nickel	11.4		1.6	0.37	mg/Kg	1	☼	6020B	Total/NA
Potassium	1540	B	78.0	9.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.10	J	0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Sodium	81.1		78.0	35.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.16	J	0.31	0.032	mg/Kg	1	☼	6020B	Total/NA
Vanadium	15.6		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	66.8		6.2	2.4	mg/Kg	1	☼	6020B	Total/NA

Client Sample ID: TW-05_20220307

Lab Sample ID: 460-253843-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.6		1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.0		1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	25		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	8.1		1.0	0.31	ug/L	1		8260D	Total/NA
Aluminum	55.5		40.0	19.5	ug/L	1		6020B	Total/NA
Barium	145		4.0	0.91	ug/L	1		6020B	Total/NA
Calcium	154000		500	53.6	ug/L	1		6020B	Total/NA
Chromium	3.8	J	4.0	2.5	ug/L	1		6020B	Total/NA
Cobalt	1.6	J	4.0	0.71	ug/L	1		6020B	Total/NA
Copper	8.8		4.0	2.5	ug/L	1		6020B	Total/NA
Magnesium	55900		200	46.9	ug/L	1		6020B	Total/NA
Manganese	32.6		8.0	1.5	ug/L	1		6020B	Total/NA
Nickel	9.0		4.0	0.91	ug/L	1		6020B	Total/NA
Potassium	6230		200	112	ug/L	1		6020B	Total/NA
Selenium	2.5		2.5	0.59	ug/L	1		6020B	Total/NA
Sodium	181000		500	163	ug/L	1		6020B	Total/NA
Zinc	15.3	J	16.0	6.5	ug/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-05_20220307 (Continued)

Lab Sample ID: 460-253843-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	67.4		40.0	19.5	ug/L	1		6020B	Dissolved
Barium	137		4.0	0.91	ug/L	1		6020B	Dissolved
Calcium	155000		500	53.6	ug/L	1		6020B	Dissolved
Cobalt	1.6	J	4.0	0.71	ug/L	1		6020B	Dissolved
Copper	4.1		4.0	2.5	ug/L	1		6020B	Dissolved
Iron	102	J	120	58.2	ug/L	1		6020B	Dissolved
Magnesium	53200		200	46.9	ug/L	1		6020B	Dissolved
Manganese	33.4		8.0	1.5	ug/L	1		6020B	Dissolved
Nickel	8.3		4.0	0.91	ug/L	1		6020B	Dissolved
Potassium	6050		200	112	ug/L	1		6020B	Dissolved
Selenium	2.9		2.5	0.59	ug/L	1		6020B	Dissolved
Sodium	165000		500	163	ug/L	1		6020B	Dissolved

Client Sample ID: TW-06_20220307

Lab Sample ID: 460-253843-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	3.0		1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	3.9		1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	93		1.0	0.25	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.28	J	1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	20		1.0	0.31	ug/L	1		8260D	Total/NA
Aluminum	188		40.0	19.5	ug/L	1		6020B	Total/NA
Barium	111		4.0	0.91	ug/L	1		6020B	Total/NA
Calcium	147000		500	53.6	ug/L	1		6020B	Total/NA
Chromium	41.4		4.0	2.5	ug/L	1		6020B	Total/NA
Cobalt	2.7	J	4.0	0.71	ug/L	1		6020B	Total/NA
Copper	3.3	J	4.0	2.5	ug/L	1		6020B	Total/NA
Iron	441		120	58.2	ug/L	1		6020B	Total/NA
Magnesium	55300		200	46.9	ug/L	1		6020B	Total/NA
Manganese	139		8.0	1.5	ug/L	1		6020B	Total/NA
Nickel	5.1		4.0	0.91	ug/L	1		6020B	Total/NA
Potassium	5400		200	112	ug/L	1		6020B	Total/NA
Selenium	4.4		2.5	0.59	ug/L	1		6020B	Total/NA
Sodium	149000		500	163	ug/L	1		6020B	Total/NA
Barium	100		4.0	0.91	ug/L	1		6020B	Dissolved
Calcium	143000		500	53.6	ug/L	1		6020B	Dissolved
Chromium	38.1		4.0	2.5	ug/L	1		6020B	Dissolved
Cobalt	1.9	J	4.0	0.71	ug/L	1		6020B	Dissolved
Magnesium	53000		200	46.9	ug/L	1		6020B	Dissolved
Manganese	64.7		8.0	1.5	ug/L	1		6020B	Dissolved
Nickel	2.8	J	4.0	0.91	ug/L	1		6020B	Dissolved
Potassium	5230		200	112	ug/L	1		6020B	Dissolved
Selenium	4.7		2.5	0.59	ug/L	1		6020B	Dissolved
Sodium	139000		500	163	ug/L	1		6020B	Dissolved

Client Sample ID: TB_20220307

Lab Sample ID: 460-253843-13

No Detections.

Client Sample ID: SB-01_1-3_20220308

Lab Sample ID: 460-253911-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.0013		0.0012	0.00037	mg/Kg	1	☆	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-01_1-3_20220308 (Continued)

Lab Sample ID: 460-253911-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.012	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.079	J	0.38	0.0039	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.043	J	0.38	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.30		0.038	0.013	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.30		0.038	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.42		0.038	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.22	J	0.38	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.14		0.038	0.0075	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.036	J	0.38	0.020	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.016	J	0.38	0.015	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.30	J	0.38	0.0065	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.065		0.038	0.017	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.0080	J	0.38	0.0054	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.47		0.38	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.26		0.038	0.015	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.015	J	0.38	0.0066	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.15	J	0.38	0.0067	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.57		0.38	0.0095	mg/Kg	1	☼	8270E	Total/NA
Aluminum	8170		17.5	4.8	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.19	J	0.87	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.8		0.87	0.090	mg/Kg	1	☼	6020B	Total/NA
Barium	66.4		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.40		0.35	0.050	mg/Kg	1	☼	6020B	Total/NA
Calcium	14100		87.3	15.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	18.7		1.7	0.23	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.3		1.7	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	20.2		1.7	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	14200		52.4	17.6	mg/Kg	1	☼	6020B	Total/NA
Lead	49.4		0.52	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	5300		87.3	8.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	223		3.5	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.0		1.7	0.41	mg/Kg	1	☼	6020B	Total/NA
Potassium	2780		87.3	10.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.18	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	500		87.3	39.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.17	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.4		1.7	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	61.8		7.0	2.7	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.12		0.019	0.0088	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-01_12-14_20220308

Lab Sample ID: 460-253911-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	6150		16.1	4.4	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.1		0.80	0.083	mg/Kg	1	☼	6020B	Total/NA
Barium	41.8		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.18	J	0.32	0.046	mg/Kg	1	☼	6020B	Total/NA
Calcium	1510		80.4	14.2	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.8		1.6	0.21	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.8		1.6	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	16.5		1.6	0.30	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-01_12-14_20220308 (Continued)

Lab Sample ID: 460-253911-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	12000		48.2	16.2	mg/Kg	1	✳	6020B	Total/NA
Lead	3.4		0.48	0.16	mg/Kg	1	✳	6020B	Total/NA
Magnesium	2900		80.4	8.2	mg/Kg	1	✳	6020B	Total/NA
Manganese	164		3.2	0.32	mg/Kg	1	✳	6020B	Total/NA
Nickel	11.9		1.6	0.38	mg/Kg	1	✳	6020B	Total/NA
Potassium	1100		80.4	9.7	mg/Kg	1	✳	6020B	Total/NA
Sodium	185		80.4	36.7	mg/Kg	1	✳	6020B	Total/NA
Thallium	0.12	J	0.32	0.033	mg/Kg	1	✳	6020B	Total/NA
Vanadium	18.7		1.6	0.17	mg/Kg	1	✳	6020B	Total/NA
Zinc	27.4		6.4	2.5	mg/Kg	1	✳	6020B	Total/NA

Client Sample ID: SB-02_1-3_20220308

Lab Sample ID: 460-253911-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.00019	J	0.0039	0.00011	mg/Kg	1	✳	8270E	Total/NA
Acenaphthylene	0.00044	J	0.0039	0.000039	mg/Kg	1	✳	8270E	Total/NA
Anthracene	0.00067	J	0.0039	0.00012	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]anthracene	0.0042		0.00039	0.00013	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]pyrene	0.0039		0.00039	0.00010	mg/Kg	1	✳	8270E	Total/NA
Benzo[b]fluoranthene	0.0055		0.00039	0.00010	mg/Kg	1	✳	8270E	Total/NA
Benzo[g,h,i]perylene	0.0028	J	0.0039	0.00011	mg/Kg	1	✳	8270E	Total/NA
Benzo[k]fluoranthene	0.0027		0.00039	0.000076	mg/Kg	1	✳	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.00029	J	0.0039	0.00020	mg/Kg	1	✳	8270E	Total/NA
Butyl benzyl phthalate	0.00033	J	0.0039	0.00018	mg/Kg	1	✳	8270E	Total/NA
Carbazole	0.00026	J	0.0039	0.00015	mg/Kg	1	✳	8270E	Total/NA
Chrysene	0.0042		0.0039	0.000065	mg/Kg	1	✳	8270E	Total/NA
Dibenz(a,h)anthracene	0.00046		0.00039	0.00017	mg/Kg	1	✳	8270E	Total/NA
Dibenzofuran	0.00011	J	0.0039	0.000054	mg/Kg	1	✳	8270E	Total/NA
Fluoranthene	0.0070		0.0039	0.00013	mg/Kg	1	✳	8270E	Total/NA
Fluorene	0.00019	J	0.0039	0.000052	mg/Kg	1	✳	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.0040		0.00039	0.00015	mg/Kg	1	✳	8270E	Total/NA
Naphthalene	0.00016	J	0.0039	0.000067	mg/Kg	1	✳	8270E	Total/NA
Phenanthrene	0.0031	J	0.0039	0.000068	mg/Kg	1	✳	8270E	Total/NA
Pyrene	0.0064		0.0039	0.000096	mg/Kg	1	✳	8270E	Total/NA
Aluminum	7590		18.0	4.9	mg/Kg	1	✳	6020B	Total/NA
Arsenic	2.1		0.90	0.093	mg/Kg	1	✳	6020B	Total/NA
Barium	40.1		1.8	0.13	mg/Kg	1	✳	6020B	Total/NA
Beryllium	0.26	J	0.36	0.051	mg/Kg	1	✳	6020B	Total/NA
Calcium	57100		450	79.7	mg/Kg	5	✳	6020B	Total/NA
Chromium	15.8		1.8	0.24	mg/Kg	1	✳	6020B	Total/NA
Cobalt	4.2		1.8	0.13	mg/Kg	1	✳	6020B	Total/NA
Copper	16.3		1.8	0.33	mg/Kg	1	✳	6020B	Total/NA
Iron	10600		54.0	18.2	mg/Kg	1	✳	6020B	Total/NA
Lead	15.3		0.54	0.18	mg/Kg	1	✳	6020B	Total/NA
Magnesium	10200		90.0	9.2	mg/Kg	1	✳	6020B	Total/NA
Manganese	172		3.6	0.36	mg/Kg	1	✳	6020B	Total/NA
Nickel	11.1		1.8	0.42	mg/Kg	1	✳	6020B	Total/NA
Potassium	978		90.0	10.9	mg/Kg	1	✳	6020B	Total/NA
Sodium	244		90.0	41.1	mg/Kg	1	✳	6020B	Total/NA
Thallium	0.059	J	0.36	0.037	mg/Kg	1	✳	6020B	Total/NA
Vanadium	17.6		1.8	0.19	mg/Kg	1	✳	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-02_1-3_20220308 (Continued)

Lab Sample ID: 460-253911-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	29.4		7.2	2.7	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.48		0.019	0.0088	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-02_12-14_20220308

Lab Sample ID: 460-253911-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	11800		19.9	5.5	mg/Kg	1	☼	6020B	Total/NA
Arsenic	1.1		0.99	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	82.0		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.41		0.40	0.057	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.13	J	0.99	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	1680		99.3	17.6	mg/Kg	1	☼	6020B	Total/NA
Chromium	32.2		2.0	0.27	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.6		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	20.0		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	18600		59.6	20.1	mg/Kg	1	☼	6020B	Total/NA
Lead	6.0		0.60	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6340		99.3	10.1	mg/Kg	1	☼	6020B	Total/NA
Manganese	406		4.0	0.40	mg/Kg	1	☼	6020B	Total/NA
Nickel	23.2		2.0	0.47	mg/Kg	1	☼	6020B	Total/NA
Potassium	2640		99.3	12.0	mg/Kg	1	☼	6020B	Total/NA
Sodium	124		99.3	45.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.23	J	0.40	0.041	mg/Kg	1	☼	6020B	Total/NA
Vanadium	31.9		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	53.8		7.9	3.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.012	J	0.020	0.0095	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-03_1-3_20220308

Lab Sample ID: 460-253911-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.011	J	0.36	0.010	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.057	J	0.36	0.0036	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.052	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.60		0.036	0.013	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.28		0.036	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.37		0.036	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.21	J	0.36	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.14		0.036	0.0071	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.79		0.36	0.019	mg/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	0.23	J	0.36	0.017	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.022	J	0.36	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.26	J	0.36	0.0061	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.057		0.036	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.0077	J	0.36	0.0051	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.25	J	0.36	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.40		0.36	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.015	J	0.36	0.0049	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.24		0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.013	J	0.36	0.0062	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.19	J	0.36	0.0063	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.43		0.36	0.0090	mg/Kg	1	☼	8270E	Total/NA
4,4'-DDE	0.0052	J	0.0073	0.00086	mg/Kg	1	☼	8081B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-03_1-3_20220308 (Continued)

Lab Sample ID: 460-253911-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	0.021		0.0073	0.0013	mg/Kg	1	✳	8081B	Total/NA
Aluminum	7210		17.6	4.8	mg/Kg	1	✳	6020B	Total/NA
Antimony	0.17	J	0.88	0.13	mg/Kg	1	✳	6020B	Total/NA
Arsenic	3.3		0.88	0.091	mg/Kg	1	✳	6020B	Total/NA
Barium	123		1.8	0.13	mg/Kg	1	✳	6020B	Total/NA
Beryllium	0.31	J	0.35	0.050	mg/Kg	1	✳	6020B	Total/NA
Cadmium	0.29	J	0.88	0.10	mg/Kg	1	✳	6020B	Total/NA
Calcium	24900		88.1	15.6	mg/Kg	1	✳	6020B	Total/NA
Chromium	17.4		1.8	0.24	mg/Kg	1	✳	6020B	Total/NA
Cobalt	5.4		1.8	0.13	mg/Kg	1	✳	6020B	Total/NA
Copper	24.7		1.8	0.32	mg/Kg	1	✳	6020B	Total/NA
Iron	14400		52.8	17.8	mg/Kg	1	✳	6020B	Total/NA
Lead	145		0.53	0.18	mg/Kg	1	✳	6020B	Total/NA
Magnesium	7750		88.1	9.0	mg/Kg	1	✳	6020B	Total/NA
Manganese	289		3.5	0.35	mg/Kg	1	✳	6020B	Total/NA
Nickel	16.5		1.8	0.41	mg/Kg	1	✳	6020B	Total/NA
Potassium	1770		88.1	10.7	mg/Kg	1	✳	6020B	Total/NA
Selenium	0.17	J	1.1	0.11	mg/Kg	1	✳	6020B	Total/NA
Sodium	228		88.1	40.2	mg/Kg	1	✳	6020B	Total/NA
Thallium	0.11	J	0.35	0.036	mg/Kg	1	✳	6020B	Total/NA
Vanadium	23.3		1.8	0.18	mg/Kg	1	✳	6020B	Total/NA
Zinc	154		7.0	2.7	mg/Kg	1	✳	6020B	Total/NA
Mercury	0.69		0.017	0.0081	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: SB-03_12-14_20220308

Lab Sample ID: 460-253911-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	8320		19.6	5.4	mg/Kg	1	✳	6020B	Total/NA
Arsenic	1.1		0.98	0.10	mg/Kg	1	✳	6020B	Total/NA
Barium	41.1		2.0	0.14	mg/Kg	1	✳	6020B	Total/NA
Beryllium	0.34	J	0.39	0.056	mg/Kg	1	✳	6020B	Total/NA
Calcium	2370		98.0	17.3	mg/Kg	1	✳	6020B	Total/NA
Chromium	20.4		2.0	0.26	mg/Kg	1	✳	6020B	Total/NA
Cobalt	7.1		2.0	0.14	mg/Kg	1	✳	6020B	Total/NA
Copper	18.3		2.0	0.36	mg/Kg	1	✳	6020B	Total/NA
Iron	15400		58.8	19.8	mg/Kg	1	✳	6020B	Total/NA
Lead	5.0		0.59	0.20	mg/Kg	1	✳	6020B	Total/NA
Magnesium	4710		98.0	10	mg/Kg	1	✳	6020B	Total/NA
Manganese	337		3.9	0.39	mg/Kg	1	✳	6020B	Total/NA
Nickel	16.4		2.0	0.46	mg/Kg	1	✳	6020B	Total/NA
Potassium	1430		98.0	11.9	mg/Kg	1	✳	6020B	Total/NA
Sodium	108		98.0	44.8	mg/Kg	1	✳	6020B	Total/NA
Thallium	0.13	J	0.39	0.040	mg/Kg	1	✳	6020B	Total/NA
Vanadium	24.5		2.0	0.20	mg/Kg	1	✳	6020B	Total/NA
Zinc	40.2		7.8	3.0	mg/Kg	1	✳	6020B	Total/NA

Client Sample ID: SB-07_1-3_20220308

Lab Sample ID: 460-253911-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.011	J	0.35	0.011	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]anthracene	0.054		0.035	0.012	mg/Kg	1	✳	8270E	Total/NA
Benzo[a]pyrene	0.042		0.035	0.0094	mg/Kg	1	✳	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-07_1-3_20220308 (Continued)

Lab Sample ID: 460-253911-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.059		0.035	0.0092	mg/Kg	1	☒	8270E	Total/NA
Benzo[k]fluoranthene	0.034	J	0.035	0.0069	mg/Kg	1	☒	8270E	Total/NA
Chrysene	0.053	J	0.35	0.0060	mg/Kg	1	☒	8270E	Total/NA
Fluoranthene	0.098	J	0.35	0.012	mg/Kg	1	☒	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.056		0.035	0.014	mg/Kg	1	☒	8270E	Total/NA
Phenanthrene	0.036	J	0.35	0.0062	mg/Kg	1	☒	8270E	Total/NA
Pyrene	0.094	J	0.35	0.0088	mg/Kg	1	☒	8270E	Total/NA
4,4'-DDE	0.0041	J	0.0071	0.00084	mg/Kg	1	☒	8081B	Total/NA
4,4'-DDT	0.0023	J	0.0071	0.0013	mg/Kg	1	☒	8081B	Total/NA
Aluminum	7300		16.6	4.6	mg/Kg	1	☒	6020B	Total/NA
Arsenic	2.5		0.83	0.086	mg/Kg	1	☒	6020B	Total/NA
Barium	52.0		1.7	0.12	mg/Kg	1	☒	6020B	Total/NA
Beryllium	0.34		0.33	0.047	mg/Kg	1	☒	6020B	Total/NA
Cadmium	0.099	J	0.83	0.094	mg/Kg	1	☒	6020B	Total/NA
Calcium	7140		83.2	14.7	mg/Kg	1	☒	6020B	Total/NA
Chromium	19.3		1.7	0.22	mg/Kg	1	☒	6020B	Total/NA
Cobalt	6.6		1.7	0.12	mg/Kg	1	☒	6020B	Total/NA
Copper	24.0		1.7	0.31	mg/Kg	1	☒	6020B	Total/NA
Iron	13700		49.9	16.8	mg/Kg	1	☒	6020B	Total/NA
Lead	42.4		0.50	0.17	mg/Kg	1	☒	6020B	Total/NA
Magnesium	4530		83.2	8.5	mg/Kg	1	☒	6020B	Total/NA
Manganese	286		3.3	0.34	mg/Kg	1	☒	6020B	Total/NA
Nickel	24.1		1.7	0.39	mg/Kg	1	☒	6020B	Total/NA
Potassium	1780		83.2	10.1	mg/Kg	1	☒	6020B	Total/NA
Selenium	0.14	J	1.0	0.11	mg/Kg	1	☒	6020B	Total/NA
Silver	0.17	J	0.83	0.074	mg/Kg	1	☒	6020B	Total/NA
Sodium	431		83.2	38.0	mg/Kg	1	☒	6020B	Total/NA
Thallium	0.13	J	0.33	0.034	mg/Kg	1	☒	6020B	Total/NA
Vanadium	24.7		1.7	0.17	mg/Kg	1	☒	6020B	Total/NA
Zinc	54.8		6.7	2.5	mg/Kg	1	☒	6020B	Total/NA
Mercury	0.24		0.018	0.0086	mg/Kg	1	☒	7471B	Total/NA

Client Sample ID: SB-07_12-14_20220308

Lab Sample ID: 460-253911-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	4160		15.8	4.3	mg/Kg	1	☒	6020B	Total/NA
Arsenic	0.99		0.79	0.082	mg/Kg	1	☒	6020B	Total/NA
Barium	19.0		1.6	0.11	mg/Kg	1	☒	6020B	Total/NA
Beryllium	0.17	J	0.32	0.045	mg/Kg	1	☒	6020B	Total/NA
Calcium	1810		79.1	14.0	mg/Kg	1	☒	6020B	Total/NA
Chromium	11.8		1.6	0.21	mg/Kg	1	☒	6020B	Total/NA
Cobalt	5.3		1.6	0.12	mg/Kg	1	☒	6020B	Total/NA
Copper	20.4		1.6	0.29	mg/Kg	1	☒	6020B	Total/NA
Iron	10200		47.5	16.0	mg/Kg	1	☒	6020B	Total/NA
Lead	3.5		0.47	0.16	mg/Kg	1	☒	6020B	Total/NA
Magnesium	3180		79.1	8.1	mg/Kg	1	☒	6020B	Total/NA
Manganese	178		3.2	0.32	mg/Kg	1	☒	6020B	Total/NA
Nickel	11.2		1.6	0.37	mg/Kg	1	☒	6020B	Total/NA
Potassium	708		79.1	9.6	mg/Kg	1	☒	6020B	Total/NA
Sodium	185		79.1	36.2	mg/Kg	1	☒	6020B	Total/NA
Thallium	0.074	J	0.32	0.032	mg/Kg	1	☒	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-07_12-14_20220308 (Continued)

Lab Sample ID: 460-253911-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	15.4		1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Zinc	20.4		6.3	2.4	mg/Kg	1	☼	6020B	Total/NA

Client Sample ID: SB-08_1-3_20220308

Lab Sample ID: 460-253911-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.034	J	0.37	0.0038	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.019	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.12		0.037	0.013	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.13		0.037	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.17		0.037	0.0097	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.12	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.084		0.037	0.0073	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.021	J	0.37	0.020	mg/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	0.034	J	0.37	0.018	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.12	J	0.37	0.0063	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.20	J	0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.16		0.037	0.015	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.077	J	0.37	0.0066	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.18	J	0.37	0.0093	mg/Kg	1	☼	8270E	Total/NA
Aluminum	6990		17.5	4.8	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.8		0.88	0.090	mg/Kg	1	☼	6020B	Total/NA
Barium	53.6		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.39		0.35	0.050	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.13	J	0.88	0.099	mg/Kg	1	☼	6020B	Total/NA
Calcium	6560		87.7	15.5	mg/Kg	1	☼	6020B	Total/NA
Chromium	17.3		1.8	0.23	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.0		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	30.8		1.8	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	13600		52.6	17.7	mg/Kg	1	☼	6020B	Total/NA
Lead	41.1		0.53	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3810		87.7	8.9	mg/Kg	1	☼	6020B	Total/NA
Manganese	298		3.5	0.35	mg/Kg	1	☼	6020B	Total/NA
Nickel	32.2		1.8	0.41	mg/Kg	1	☼	6020B	Total/NA
Potassium	1210		87.7	10.6	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.12	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	448		87.7	40.1	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.093	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Vanadium	24.2		1.8	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	57.7		7.0	2.7	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.12		0.018	0.0086	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-08_12-14_20220308

Lab Sample ID: 460-253911-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	0.0095	J	0.35	0.0062	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.0099	J	0.35	0.0087	mg/Kg	1	☼	8270E	Total/NA
Aluminum	8850		16.7	4.6	mg/Kg	1	☼	6020B	Total/NA
Arsenic	0.78	J	0.83	0.086	mg/Kg	1	☼	6020B	Total/NA
Barium	74.8		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.29	J	0.33	0.048	mg/Kg	1	☼	6020B	Total/NA
Calcium	3650		83.5	14.8	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-08_12-14_20220308 (Continued)

Lab Sample ID: 460-253911-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	25.7		1.7	0.22	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.9		1.7	0.12	mg/Kg	1	☼	6020B	Total/NA
Copper	32.4		1.7	0.31	mg/Kg	1	☼	6020B	Total/NA
Iron	15900		50.1	16.9	mg/Kg	1	☼	6020B	Total/NA
Lead	4.5		0.50	0.17	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6450		83.5	8.5	mg/Kg	1	☼	6020B	Total/NA
Manganese	243		3.3	0.34	mg/Kg	1	☼	6020B	Total/NA
Nickel	26.1		1.7	0.39	mg/Kg	1	☼	6020B	Total/NA
Potassium	1490		83.5	10.1	mg/Kg	1	☼	6020B	Total/NA
Sodium	327		83.5	38.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.12	J	0.33	0.034	mg/Kg	1	☼	6020B	Total/NA
Vanadium	30.2		1.7	0.17	mg/Kg	1	☼	6020B	Total/NA
Zinc	36.5		6.7	2.5	mg/Kg	1	☼	6020B	Total/NA

Client Sample ID: TW-01_20220308

Lab Sample ID: 460-253911-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.1		1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.44	J	1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.51	J	1.0	0.31	ug/L	1		8260D	Total/NA
Aluminum	196		40.0	19.5	ug/L	1		6020B	Total/NA
Arsenic	1.1	J	2.0	0.89	ug/L	1		6020B	Total/NA
Barium	647		4.0	0.91	ug/L	1		6020B	Total/NA
Cadmium	0.77	J	2.0	0.39	ug/L	1		6020B	Total/NA
Calcium	343000		500	53.6	ug/L	1		6020B	Total/NA
Cobalt	15.3		4.0	0.71	ug/L	1		6020B	Total/NA
Copper	7.3		4.0	2.5	ug/L	1		6020B	Total/NA
Iron	6050		120	58.2	ug/L	1		6020B	Total/NA
Magnesium	76500		200	46.9	ug/L	1		6020B	Total/NA
Manganese	21900		24.0	4.4	ug/L	3		6020B	Total/NA
Nickel	10.6		4.0	0.91	ug/L	1		6020B	Total/NA
Potassium	20100		200	112	ug/L	1		6020B	Total/NA
Sodium	461000		500	163	ug/L	1		6020B	Total/NA
Vanadium	0.68	J	4.0	0.68	ug/L	1		6020B	Total/NA
Aluminum	29.9	J	40.0	19.5	ug/L	1		6020B	Dissolved
Barium	631		4.0	0.91	ug/L	1		6020B	Dissolved
Cadmium	0.56	J	2.0	0.39	ug/L	1		6020B	Dissolved
Calcium	335000		500	53.6	ug/L	1		6020B	Dissolved
Cobalt	14.8		4.0	0.71	ug/L	1		6020B	Dissolved
Iron	5720		120	58.2	ug/L	1		6020B	Dissolved
Magnesium	75900		200	46.9	ug/L	1		6020B	Dissolved
Manganese	21800		40.0	7.4	ug/L	5		6020B	Dissolved
Nickel	9.5		4.0	0.91	ug/L	1		6020B	Dissolved
Potassium	19700		200	112	ug/L	1		6020B	Dissolved
Sodium	431000		500	163	ug/L	1		6020B	Dissolved

Client Sample ID: TW-02_20220308

Lab Sample ID: 460-253911-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	2.6		1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	3.9		1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	1.1		1.0	0.32	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-02_20220308 (Continued)

Lab Sample ID: 460-253911-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	48		1.0	0.25	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.26	J	1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	14		1.0	0.31	ug/L	1		8260D	Total/NA
Aluminum	337		40.0	19.5	ug/L	1		6020B	Total/NA
Barium	145		4.0	0.91	ug/L	1		6020B	Total/NA
Calcium	167000		500	53.6	ug/L	1		6020B	Total/NA
Chromium	27.8		4.0	2.5	ug/L	1		6020B	Total/NA
Cobalt	2.6	J	4.0	0.71	ug/L	1		6020B	Total/NA
Copper	3.3	J	4.0	2.5	ug/L	1		6020B	Total/NA
Iron	872		120	58.2	ug/L	1		6020B	Total/NA
Magnesium	52600		200	46.9	ug/L	1		6020B	Total/NA
Manganese	273		8.0	1.5	ug/L	1		6020B	Total/NA
Nickel	3.8	J	4.0	0.91	ug/L	1		6020B	Total/NA
Potassium	5450		200	112	ug/L	1		6020B	Total/NA
Selenium	3.8		2.5	0.59	ug/L	1		6020B	Total/NA
Sodium	155000		500	163	ug/L	1		6020B	Total/NA
Vanadium	1.2	J	4.0	0.68	ug/L	1		6020B	Total/NA
Barium	143		4.0	0.91	ug/L	1		6020B	Dissolved
Calcium	178000		500	53.6	ug/L	1		6020B	Dissolved
Chromium	27.2		4.0	2.5	ug/L	1		6020B	Dissolved
Cobalt	1.7	J	4.0	0.71	ug/L	1		6020B	Dissolved
Magnesium	54300		200	46.9	ug/L	1		6020B	Dissolved
Manganese	220		8.0	1.5	ug/L	1		6020B	Dissolved
Potassium	5730		200	112	ug/L	1		6020B	Dissolved
Selenium	3.6		2.5	0.59	ug/L	1		6020B	Dissolved
Sodium	161000		500	163	ug/L	1		6020B	Dissolved

Client Sample ID: TW-03_20220308

Lab Sample ID: 460-253911-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.88	J	1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	4.3		1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	66		1.0	0.25	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.39	J	1.0	0.24	ug/L	1		8260D	Total/NA
Trichloroethene	19		1.0	0.31	ug/L	1		8260D	Total/NA
Aluminum	170		40.0	19.5	ug/L	1		6020B	Total/NA
Barium	123		4.0	0.91	ug/L	1		6020B	Total/NA
Calcium	181000		500	53.6	ug/L	1		6020B	Total/NA
Chromium	4.3		4.0	2.5	ug/L	1		6020B	Total/NA
Cobalt	2.1	J	4.0	0.71	ug/L	1		6020B	Total/NA
Iron	416		120	58.2	ug/L	1		6020B	Total/NA
Magnesium	58900		200	46.9	ug/L	1		6020B	Total/NA
Manganese	197		8.0	1.5	ug/L	1		6020B	Total/NA
Nickel	4.7		4.0	0.91	ug/L	1		6020B	Total/NA
Potassium	7550		200	112	ug/L	1		6020B	Total/NA
Selenium	2.1	J	2.5	0.59	ug/L	1		6020B	Total/NA
Sodium	167000		500	163	ug/L	1		6020B	Total/NA
Barium	120		4.0	0.91	ug/L	1		6020B	Dissolved
Calcium	180000		500	53.6	ug/L	1		6020B	Dissolved
Chromium	3.9	J	4.0	2.5	ug/L	1		6020B	Dissolved
Cobalt	1.8	J	4.0	0.71	ug/L	1		6020B	Dissolved

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-03_20220308 (Continued)

Lab Sample ID: 460-253911-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	60400		200	46.9	ug/L	1		6020B	Dissolved
Manganese	169		8.0	1.5	ug/L	1		6020B	Dissolved
Nickel	1.1	J	4.0	0.91	ug/L	1		6020B	Dissolved
Potassium	7700		200	112	ug/L	1		6020B	Dissolved
Selenium	1.8	J	2.5	0.59	ug/L	1		6020B	Dissolved
Sodium	169000		500	163	ug/L	1		6020B	Dissolved

Client Sample ID: TW-04_20220308

Lab Sample ID: 460-253911-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.1		1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	1.2		1.0	0.22	ug/L	1		8260D	Total/NA
Tetrachloroethene	16		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	5.7		1.0	0.31	ug/L	1		8260D	Total/NA
Aluminum	1230		40.0	19.5	ug/L	1		6020B	Total/NA
Antimony	1.3	J	2.0	0.76	ug/L	1		6020B	Total/NA
Arsenic	1.1	J	2.0	0.89	ug/L	1		6020B	Total/NA
Barium	140		4.0	0.91	ug/L	1		6020B	Total/NA
Calcium	159000		500	53.6	ug/L	1		6020B	Total/NA
Chromium	7.9		4.0	2.5	ug/L	1		6020B	Total/NA
Cobalt	3.4	J	4.0	0.71	ug/L	1		6020B	Total/NA
Copper	14.4		4.0	2.5	ug/L	1		6020B	Total/NA
Iron	3310		120	58.2	ug/L	1		6020B	Total/NA
Lead	7.0		1.2	0.84	ug/L	1		6020B	Total/NA
Magnesium	44500		200	46.9	ug/L	1		6020B	Total/NA
Manganese	294		8.0	1.5	ug/L	1		6020B	Total/NA
Nickel	12.6		4.0	0.91	ug/L	1		6020B	Total/NA
Potassium	6850		200	112	ug/L	1		6020B	Total/NA
Selenium	3.4		2.5	0.59	ug/L	1		6020B	Total/NA
Sodium	147000		500	163	ug/L	1		6020B	Total/NA
Vanadium	4.3		4.0	0.68	ug/L	1		6020B	Total/NA
Zinc	24.6		16.0	6.5	ug/L	1		6020B	Total/NA
Barium	109		4.0	0.91	ug/L	1		6020B	Dissolved
Calcium	155000		500	53.6	ug/L	1		6020B	Dissolved
Cobalt	1.7	J	4.0	0.71	ug/L	1		6020B	Dissolved
Copper	2.8	J	4.0	2.5	ug/L	1		6020B	Dissolved
Magnesium	44900		200	46.9	ug/L	1		6020B	Dissolved
Manganese	248		8.0	1.5	ug/L	1		6020B	Dissolved
Nickel	5.3		4.0	0.91	ug/L	1		6020B	Dissolved
Potassium	6590		200	112	ug/L	1		6020B	Dissolved
Selenium	3.4		2.5	0.59	ug/L	1		6020B	Dissolved
Sodium	146000		500	163	ug/L	1		6020B	Dissolved
Vanadium	0.68	J	4.0	0.68	ug/L	1		6020B	Dissolved
Zinc	10.9	J	16.0	6.5	ug/L	1		6020B	Dissolved

Client Sample ID: TB_20220308

Lab Sample ID: 460-253911-15

No Detections.

This Detection Summary does not include radiochemical test results.

Euromins Edison

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-04_1-3_20220307

Lab Sample ID: 460-253843-1

Date Collected: 03/07/22 11:50

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 88.3

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00025	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00027	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
2-Hexanone	0.0060	U	0.0060	0.0020	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Acetone	0.0072	U	0.0072	0.0068	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Benzene	0.0012	U	0.0012	0.00031	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Chlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Chlorobromomethane	0.0012	U	0.0012	0.00034	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Chlorodibromomethane	0.0012	U	0.0012	0.00023	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Ethylbenzene	0.0012	U	0.0012	0.00024	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Ethylene Dibromide	0.0012	U	0.0012	0.00021	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Methyl acetate	0.0060	U	0.0060	0.0051	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
o-Xylene	0.0012	U	0.0012	0.00023	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	✳	03/08/22 22:32	03/09/22 14:34	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-04_1-3_20220307

Lab Sample ID: 460-253843-1

Date Collected: 03/07/22 11:50

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 88.3

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	03/08/22 22:32	03/09/22 14:34	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	03/08/22 22:32	03/09/22 14:34	1
Xylenes, Total	0.0024	U	0.0024	0.00077	mg/Kg	☼	03/08/22 22:32	03/09/22 14:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		77 - 145				03/08/22 22:32	03/09/22 14:34	1
4-Bromofluorobenzene	96		70 - 139				03/08/22 22:32	03/09/22 14:34	1
Dibromofluoromethane (Surr)	105		48 - 150				03/08/22 22:32	03/09/22 14:34	1
Toluene-d8 (Surr)	87		80 - 120				03/08/22 22:32	03/09/22 14:34	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.0049	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
1,4-Dioxane	0.037	U	0.037	0.033	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.0067	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
2,4-Dimethylphenol	0.37	U	0.37	0.016	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
2,4-Dinitrotoluene	0.076	U	0.076	0.040	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
2,6-Dinitrotoluene	0.076	U	0.076	0.027	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
2-Chloronaphthalene	0.37	U	0.37	0.017	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
2-Methylnaphthalene	0.017	J	0.37	0.010	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
2-Nitroaniline	0.37	U	0.37	0.014	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
3-Nitroaniline	0.37	U	0.37	0.042	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
4-Nitroaniline	0.37	U	0.37	0.043	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
4-Nitrophenol	0.76	U	0.76	0.061	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
Acenaphthene	0.11	J	0.37	0.011	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
Acenaphthylene	0.14	J	0.37	0.0037	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
Anthracene	0.43		0.37	0.011	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
Benzaldehyde	0.37	U	0.37	0.062	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
Benzo[a]anthracene	1.8		0.037	0.013	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
Benzo[a]pyrene	1.6		0.037	0.0099	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
Benzo[b]fluoranthene	2.1		0.037	0.0096	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1
Benzo[g,h,i]perylene	0.91		0.37	0.011	mg/Kg	☼	03/10/22 00:59	03/10/22 18:34	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-04_1-3_20220307

Lab Sample ID: 460-253843-1

Date Collected: 03/07/22 11:50

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 88.3

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.75		0.037	0.0073	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.029	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Bis(2-ethylhexyl) phthalate	0.077	J	0.37	0.020	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Caprolactam	0.37	U	0.37	0.058	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Carbazole	0.15	J	0.37	0.014	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Chrysene	1.6		0.37	0.0063	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Dibenz(a,h)anthracene	0.29		0.037	0.016	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Dibenzofuran	0.065	J	0.37	0.0052	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Diethyl phthalate	0.37	U	0.37	0.0054	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Dimethyl phthalate	0.37	U	0.37	0.085	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Fluoranthene	3.4		0.37	0.013	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Fluorene	0.14	J	0.37	0.0051	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Hexachlorobutadiene	0.076	U	0.076	0.0079	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Indeno[1,2,3-cd]pyrene	1.1		0.037	0.015	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Naphthalene	0.047	J	0.37	0.0064	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Nitrobenzene	0.037	U	0.037	0.0090	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.031	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Phenanthrene	1.7		0.37	0.0066	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Phenol	0.37	U	0.37	0.014	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1
Pyrene	2.7		0.37	0.0093	mg/Kg	✳	03/10/22 00:59	03/10/22 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	89		10 - 123	03/10/22 00:59	03/10/22 18:34	1
2-Fluorobiphenyl	91		14 - 103	03/10/22 00:59	03/10/22 18:34	1
2-Fluorophenol (Surr)	86		10 - 105	03/10/22 00:59	03/10/22 18:34	1
Nitrobenzene-d5 (Surr)	87		11 - 104	03/10/22 00:59	03/10/22 18:34	1
Phenol-d5 (Surr)	87		15 - 100	03/10/22 00:59	03/10/22 18:34	1
Terphenyl-d14 (Surr)	91		12 - 126	03/10/22 00:59	03/10/22 18:34	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0076	U	0.0076	0.0013	mg/Kg	✳	03/09/22 17:19	03/10/22 06:40	1
4,4'-DDE	0.0060	J	0.0076	0.00089	mg/Kg	✳	03/09/22 17:19	03/10/22 06:40	1
4,4'-DDT	0.032		0.0076	0.0014	mg/Kg	✳	03/09/22 17:19	03/10/22 06:40	1
Aldrin	0.0076	U	0.0076	0.0011	mg/Kg	✳	03/09/22 17:19	03/10/22 06:40	1
alpha-BHC	0.0023	U	0.0023	0.00077	mg/Kg	✳	03/09/22 17:19	03/10/22 06:40	1
beta-BHC	0.0023	U	0.0023	0.00085	mg/Kg	✳	03/09/22 17:19	03/10/22 06:40	1
Chlordane (technical)	0.076	U	0.076	0.018	mg/Kg	✳	03/09/22 17:19	03/10/22 06:40	1
delta-BHC	0.0023	U	0.0023	0.00046	mg/Kg	✳	03/09/22 17:19	03/10/22 06:40	1
Dieldrin	0.0023	U	0.0023	0.00098	mg/Kg	✳	03/09/22 17:19	03/10/22 06:40	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-04_1-3_20220307

Lab Sample ID: 460-253843-1

Date Collected: 03/07/22 11:50

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 88.3

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	0.0076	U	0.0076	0.0012	mg/Kg	✳	03/09/22 17:19	03/10/22 06:40	1
Endosulfan II	0.0076	U	0.0076	0.0019	mg/Kg	✳	03/09/22 17:19	03/10/22 06:40	1
Endosulfan sulfate	0.0076	U	0.0076	0.00095	mg/Kg	✳	03/09/22 17:19	03/10/22 06:40	1
Endrin	0.0076	U	0.0076	0.0011	mg/Kg	✳	03/09/22 17:19	03/10/22 06:40	1
Endrin aldehyde	0.0076	U	0.0076	0.0018	mg/Kg	✳	03/09/22 17:19	03/10/22 06:40	1
Endrin ketone	0.0076	U	0.0076	0.0015	mg/Kg	✳	03/09/22 17:19	03/10/22 06:40	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00070	mg/Kg	✳	03/09/22 17:19	03/10/22 06:40	1
Heptachlor	0.0076	U	0.0076	0.00089	mg/Kg	✳	03/09/22 17:19	03/10/22 06:40	1
Heptachlor epoxide	0.0076	U	0.0076	0.0011	mg/Kg	✳	03/09/22 17:19	03/10/22 06:40	1
Methoxychlor	0.0076	U	0.0076	0.0017	mg/Kg	✳	03/09/22 17:19	03/10/22 06:40	1
Toxaphene	0.076	U	0.076	0.027	mg/Kg	✳	03/09/22 17:19	03/10/22 06:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	71		10 - 150	03/09/22 17:19	03/10/22 06:40	1
DCB Decachlorobiphenyl	85		10 - 150	03/09/22 17:19	03/10/22 06:40	1
Tetrachloro-m-xylene	69		10 - 133	03/09/22 17:19	03/10/22 06:40	1
Tetrachloro-m-xylene	67		10 - 133	03/09/22 17:19	03/10/22 06:40	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.076	U	0.076	0.020	mg/Kg	✳	03/09/22 17:12	03/10/22 13:02	1
Aroclor 1221	0.076	U	0.076	0.020	mg/Kg	✳	03/09/22 17:12	03/10/22 13:02	1
Aroclor 1232	0.076	U	0.076	0.020	mg/Kg	✳	03/09/22 17:12	03/10/22 13:02	1
Aroclor 1242	0.076	U	0.076	0.020	mg/Kg	✳	03/09/22 17:12	03/10/22 13:02	1
Aroclor 1248	0.076	U	0.076	0.020	mg/Kg	✳	03/09/22 17:12	03/10/22 13:02	1
Aroclor 1254	0.076	U	0.076	0.020	mg/Kg	✳	03/09/22 17:12	03/10/22 13:02	1
Aroclor 1260	0.076	U	0.076	0.020	mg/Kg	✳	03/09/22 17:12	03/10/22 13:02	1
Aroclor-1262	0.076	U	0.076	0.020	mg/Kg	✳	03/09/22 17:12	03/10/22 13:02	1
Aroclor 1268	0.076	U	0.076	0.020	mg/Kg	✳	03/09/22 17:12	03/10/22 13:02	1
Polychlorinated biphenyls, Total	0.076	U	0.076	0.020	mg/Kg	✳	03/09/22 17:12	03/10/22 13:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	114		37 - 150	03/09/22 17:12	03/10/22 13:02	1
DCB Decachlorobiphenyl	106		37 - 150	03/09/22 17:12	03/10/22 13:02	1
Tetrachloro-m-xylene	101		54 - 150	03/09/22 17:12	03/10/22 13:02	1
Tetrachloro-m-xylene	99		54 - 150	03/09/22 17:12	03/10/22 13:02	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5830		18.6	5.1	mg/Kg	✳	03/11/22 22:15	03/13/22 16:31	1
Antimony	0.70	J	0.93	0.14	mg/Kg	✳	03/11/22 22:15	03/13/22 16:31	1
Arsenic	3.4		0.93	0.096	mg/Kg	✳	03/11/22 22:15	03/13/22 16:31	1
Barium	375		1.9	0.13	mg/Kg	✳	03/11/22 22:15	03/13/22 16:31	1
Beryllium	0.63		0.37	0.053	mg/Kg	✳	03/11/22 22:15	03/13/22 16:31	1
Cadmium	0.42	J	0.93	0.10	mg/Kg	✳	03/11/22 22:15	03/13/22 16:31	1
Calcium	89600		464	82.1	mg/Kg	✳	03/11/22 22:15	03/13/22 16:50	5
Chromium	11.3		1.9	0.25	mg/Kg	✳	03/11/22 22:15	03/13/22 16:31	1
Cobalt	4.3		1.9	0.14	mg/Kg	✳	03/11/22 22:15	03/13/22 16:31	1
Copper	34.2		1.9	0.34	mg/Kg	✳	03/11/22 22:15	03/13/22 16:31	1
Iron	11800		55.7	18.7	mg/Kg	✳	03/11/22 22:15	03/13/22 16:31	1

Eurolins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-04_1-3_20220307

Lab Sample ID: 460-253843-1

Date Collected: 03/07/22 11:50

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 88.3

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	134		0.56	0.19	mg/Kg	☼	03/11/22 22:15	03/13/22 16:31	1
Magnesium	31300		92.8	9.5	mg/Kg	☼	03/11/22 22:15	03/13/22 16:31	1
Manganese	330		3.7	0.37	mg/Kg	☼	03/11/22 22:15	03/13/22 16:31	1
Nickel	9.1		1.9	0.44	mg/Kg	☼	03/11/22 22:15	03/13/22 16:31	1
Potassium	732		92.8	11.2	mg/Kg	☼	03/11/22 22:15	03/13/22 16:31	1
Selenium	0.13	J	1.2	0.12	mg/Kg	☼	03/11/22 22:15	03/13/22 16:31	1
Silver	0.93	U	0.93	0.083	mg/Kg	☼	03/11/22 22:15	03/13/22 16:31	1
Sodium	581		92.8	42.4	mg/Kg	☼	03/11/22 22:15	03/13/22 16:31	1
Thallium	0.11	J	0.37	0.038	mg/Kg	☼	03/11/22 22:15	03/13/22 16:31	1
Vanadium	16.1		1.9	0.19	mg/Kg	☼	03/11/22 22:15	03/13/22 16:31	1
Zinc	246		7.4	2.8	mg/Kg	☼	03/11/22 22:15	03/13/22 16:31	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.18		0.019	0.0089	mg/Kg	☼	03/10/22 03:12	03/10/22 07:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11.7		1.0	1.0	%			03/11/22 02:40	1
Percent Solids	88.3		1.0	1.0	%			03/11/22 02:40	1

Client Sample ID: SB-04_12-14_20220307

Lab Sample ID: 460-253843-2

Date Collected: 03/07/22 11:55

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 97.3

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00028	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Acetone	0.0074	U	0.0074	0.0070	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Benzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-04_12-14_20220307

Lab Sample ID: 460-253843-2

Date Collected: 03/07/22 11:55

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 97.3

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Chlorobromomethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Chlorodibromomethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Ethylbenzene	0.0012	U	0.0012	0.00024	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Ethylene Dibromide	0.0012	U	0.0012	0.00022	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Methyl acetate	0.0061	U	0.0061	0.0053	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
o-Xylene	0.0012	U	0.0012	0.00024	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1
Xylenes, Total	0.0025	U	0.0025	0.00079	mg/Kg	☼	03/08/22 22:33	03/09/22 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		77 - 145	03/08/22 22:33	03/09/22 14:56	1
4-Bromofluorobenzene	98		70 - 139	03/08/22 22:33	03/09/22 14:56	1
Dibromofluoromethane (Surr)	100		48 - 150	03/08/22 22:33	03/09/22 14:56	1
Toluene-d8 (Surr)	86		80 - 120	03/08/22 22:33	03/09/22 14:56	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.0045	mg/Kg	☼	03/10/22 00:59	03/10/22 11:08	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	03/10/22 00:59	03/10/22 11:08	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	03/10/22 00:59	03/10/22 11:08	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.0061	mg/Kg	☼	03/10/22 00:59	03/10/22 11:08	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	03/10/22 00:59	03/10/22 11:08	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	03/10/22 00:59	03/10/22 11:08	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	03/10/22 00:59	03/10/22 11:08	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	03/10/22 00:59	03/10/22 11:08	1
2,4-Dimethylphenol	0.34	U	0.34	0.015	mg/Kg	☼	03/10/22 00:59	03/10/22 11:08	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	03/10/22 00:59	03/10/22 11:08	1
2,4-Dinitrotoluene	0.069	U	0.069	0.036	mg/Kg	☼	03/10/22 00:59	03/10/22 11:08	1
2,6-Dinitrotoluene	0.069	U	0.069	0.024	mg/Kg	☼	03/10/22 00:59	03/10/22 11:08	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-04_12-14_20220307

Lab Sample ID: 460-253843-2

Date Collected: 03/07/22 11:55

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 97.3

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	0.34	U	0.34	0.016	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
2-Methylnaphthalene	0.34	U	0.34	0.0095	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
2-Nitroaniline	0.34	U	0.34	0.013	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
3-Nitroaniline	0.34	U	0.34	0.038	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
4-Nitroaniline	0.34	U	0.34	0.039	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
4-Nitrophenol	0.69	U	0.69	0.055	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Acenaphthene	0.34	U	0.34	0.0097	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Acenaphthylene	0.34	U	0.34	0.0034	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Benzo[a]anthracene	0.034	U	0.034	0.012	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Benzo[a]pyrene	0.034	U	0.034	0.0090	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0088	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0066	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.026	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Chrysene	0.34	U	0.34	0.0057	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Dibenzofuran	0.34	U	0.34	0.0048	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Diethyl phthalate	0.34	U	0.34	0.0049	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Fluorene	0.34	U	0.34	0.0046	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Hexachlorobutadiene	0.069	U	0.069	0.0072	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-04_12-14_20220307

Lab Sample ID: 460-253843-2

Date Collected: 03/07/22 11:55

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 97.3

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	0.034	U	0.034	0.0081	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Phenanthrene	0.34	U	0.34	0.0060	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Phenol	0.34	U	0.34	0.012	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1
Pyrene	0.34	U	0.34	0.0084	mg/Kg	✳	03/10/22 00:59	03/10/22 11:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	83		10 - 123	03/10/22 00:59	03/10/22 11:08	1
2-Fluorobiphenyl	91		14 - 103	03/10/22 00:59	03/10/22 11:08	1
2-Fluorophenol (Surr)	88		10 - 105	03/10/22 00:59	03/10/22 11:08	1
Nitrobenzene-d5 (Surr)	91		11 - 104	03/10/22 00:59	03/10/22 11:08	1
Phenol-d5 (Surr)	93		15 - 100	03/10/22 00:59	03/10/22 11:08	1
Terphenyl-d14 (Surr)	100		12 - 126	03/10/22 00:59	03/10/22 11:08	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	✳	03/09/22 17:19	03/10/22 06:55	1
4,4'-DDE	0.0069	U	0.0069	0.00081	mg/Kg	✳	03/09/22 17:19	03/10/22 06:55	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	✳	03/09/22 17:19	03/10/22 06:55	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	✳	03/09/22 17:19	03/10/22 06:55	1
alpha-BHC	0.0021	U	0.0021	0.00070	mg/Kg	✳	03/09/22 17:19	03/10/22 06:55	1
beta-BHC	0.0021	U	0.0021	0.00077	mg/Kg	✳	03/09/22 17:19	03/10/22 06:55	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	✳	03/09/22 17:19	03/10/22 06:55	1
delta-BHC	0.0021	U	0.0021	0.00042	mg/Kg	✳	03/09/22 17:19	03/10/22 06:55	1
Dieldrin	0.0021	U	0.0021	0.00089	mg/Kg	✳	03/09/22 17:19	03/10/22 06:55	1
Endosulfan I	0.0069	U	0.0069	0.0010	mg/Kg	✳	03/09/22 17:19	03/10/22 06:55	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	✳	03/09/22 17:19	03/10/22 06:55	1
Endosulfan sulfate	0.0069	U	0.0069	0.00086	mg/Kg	✳	03/09/22 17:19	03/10/22 06:55	1
Endrin	0.0069	U	0.0069	0.00099	mg/Kg	✳	03/09/22 17:19	03/10/22 06:55	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	✳	03/09/22 17:19	03/10/22 06:55	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	✳	03/09/22 17:19	03/10/22 06:55	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	✳	03/09/22 17:19	03/10/22 06:55	1
Heptachlor	0.0069	U	0.0069	0.00081	mg/Kg	✳	03/09/22 17:19	03/10/22 06:55	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	✳	03/09/22 17:19	03/10/22 06:55	1
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	✳	03/09/22 17:19	03/10/22 06:55	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	✳	03/09/22 17:19	03/10/22 06:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	72		10 - 150	03/09/22 17:19	03/10/22 06:55	1
DCB Decachlorobiphenyl	89		10 - 150	03/09/22 17:19	03/10/22 06:55	1
Tetrachloro-m-xylene	72		10 - 133	03/09/22 17:19	03/10/22 06:55	1
Tetrachloro-m-xylene	67		10 - 133	03/09/22 17:19	03/10/22 06:55	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	✳	03/09/22 17:12	03/10/22 13:19	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	✳	03/09/22 17:12	03/10/22 13:19	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	✳	03/09/22 17:12	03/10/22 13:19	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-04_12-14_20220307

Lab Sample ID: 460-253843-2

Date Collected: 03/07/22 11:55

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 97.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 13:19	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 13:19	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 13:19	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 13:19	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 13:19	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 13:19	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	124		37 - 150	03/09/22 17:12	03/10/22 13:19	1
DCB Decachlorobiphenyl	123		37 - 150	03/09/22 17:12	03/10/22 13:19	1
Tetrachloro-m-xylene	122		54 - 150	03/09/22 17:12	03/10/22 13:19	1
Tetrachloro-m-xylene	120		54 - 150	03/09/22 17:12	03/10/22 13:19	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3500		15.5	4.2	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Antimony	0.77	U	0.77	0.11	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Arsenic	0.98		0.77	0.080	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Barium	19.6		1.5	0.11	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Beryllium	0.28	J	0.31	0.044	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Cadmium	0.77	U	0.77	0.087	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Calcium	1370		77.3	13.7	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Chromium	11.2		1.5	0.21	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Cobalt	4.1		1.5	0.11	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Copper	12.0		1.5	0.28	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Iron	7820		46.4	15.6	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Lead	2.2		0.46	0.15	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Magnesium	2330		77.3	7.9	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Manganese	125		3.1	0.31	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Nickel	8.8		1.5	0.36	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Potassium	962		77.3	9.3	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Selenium	0.97	U	0.97	0.099	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Silver	0.77	U	0.77	0.069	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Sodium	129		77.3	35.3	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Thallium	0.070	J	0.31	0.032	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Vanadium	13.3		1.5	0.16	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1
Zinc	15.6		6.2	2.4	mg/Kg	☼	03/11/22 22:15	03/13/22 16:33	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0079	J	0.016	0.0075	mg/Kg	☼	03/10/22 03:12	03/10/22 07:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.7		1.0	1.0	%			03/11/22 02:40	1
Percent Solids	97.3		1.0	1.0	%			03/11/22 02:40	1

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-05_1-3_20220307

Lab Sample ID: 460-253843-3

Date Collected: 03/07/22 15:00

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 95.4

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00027	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00026	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00053	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00028	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
2-Butanone (MEK)	0.0062	U	0.0062	0.00046	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Acetone	0.0075	U	0.0075	0.0071	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Benzene	0.0012	U	0.0012	0.00032	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Bromoform	0.0012	U	0.0012	0.00053	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Chlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Chlorobromomethane	0.0012	U	0.0012	0.00035	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Chlorodibromomethane	0.0012	U	0.0012	0.00024	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Chloroethane	0.0012	U	0.0012	0.00065	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Ethylbenzene	0.0012	U	0.0012	0.00025	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Ethylene Dibromide	0.0012	U	0.0012	0.00022	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Methyl acetate	0.0062	U	0.0062	0.0053	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00064	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00022	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
o-Xylene	0.0012	U	0.0012	0.00024	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Styrene	0.0012	U	0.0012	0.00035	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Tetrachloroethene	0.00097	J	0.0012	0.00038	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00031	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	✱	03/08/22 22:35	03/09/22 15:19	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-05_1-3_20220307

Lab Sample ID: 460-253843-3

Date Collected: 03/07/22 15:00

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 95.4

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	03/08/22 22:35	03/09/22 15:19	1
Vinyl chloride	0.0012	U	0.0012	0.00068	mg/Kg	☼	03/08/22 22:35	03/09/22 15:19	1
Xylenes, Total	0.0025	U	0.0025	0.00080	mg/Kg	☼	03/08/22 22:35	03/09/22 15:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 145				03/08/22 22:35	03/09/22 15:19	1
4-Bromofluorobenzene	92		70 - 139				03/08/22 22:35	03/09/22 15:19	1
Dibromofluoromethane (Surr)	105		48 - 150				03/08/22 22:35	03/09/22 15:19	1
Toluene-d8 (Surr)	88		80 - 120				03/08/22 22:35	03/09/22 15:19	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.0046	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.0062	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
2,4-Dimethylphenol	0.34	U	0.34	0.015	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
2-Chloronaphthalene	0.34	U	0.34	0.016	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
2-Nitroaniline	0.34	U	0.34	0.013	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
2-Nitrophenol	0.34	U	0.34	0.035	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
3-Nitroaniline	0.34	U	0.34	0.039	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
4-Methylphenol	0.34	U	0.34	0.022	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
4-Nitroaniline	0.34	U	0.34	0.040	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
4-Nitrophenol	0.70	U	0.70	0.056	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
Acenaphthene	0.34	U	0.34	0.0098	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
Acenaphthylene	0.18	J	0.34	0.0035	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
Anthracene	0.093	J	0.34	0.010	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
Benzo[a]anthracene	0.81		0.034	0.012	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
Benzo[a]pyrene	0.72		0.034	0.0092	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
Benzo[b]fluoranthene	1.0		0.034	0.0089	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1
Benzo[g,h,i]perylene	0.51		0.34	0.010	mg/Kg	☼	03/10/22 00:59	03/10/22 17:25	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-05_1-3_20220307

Lab Sample ID: 460-253843-3

Date Collected: 03/07/22 15:00

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 95.4

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.42		0.034	0.0068	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.027	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Caprolactam	0.34	U	0.34	0.054	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Carbazole	0.020	J	0.34	0.013	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Chrysene	0.84		0.34	0.0058	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Dibenz(a,h)anthracene	0.16		0.034	0.015	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Dibenzofuran	0.34	U	0.34	0.0048	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Diethyl phthalate	0.34	U	0.34	0.0050	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Fluoranthene	1.4		0.34	0.012	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Fluorene	0.34	U	0.34	0.0047	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Hexachlorobutadiene	0.070	U	0.070	0.0073	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Indeno[1,2,3-cd]pyrene	0.60		0.034	0.013	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Naphthalene	0.34	U	0.34	0.0060	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Nitrobenzene	0.034	U	0.034	0.0083	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Phenanthrene	0.35		0.34	0.0061	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Phenol	0.34	U	0.34	0.013	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1
Pyrene	1.2		0.34	0.0086	mg/Kg	✳	03/10/22 00:59	03/10/22 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	87		10 - 123	03/10/22 00:59	03/10/22 17:25	1
2-Fluorobiphenyl	88		14 - 103	03/10/22 00:59	03/10/22 17:25	1
2-Fluorophenol (Surr)	86		10 - 105	03/10/22 00:59	03/10/22 17:25	1
Nitrobenzene-d5 (Surr)	88		11 - 104	03/10/22 00:59	03/10/22 17:25	1
Phenol-d5 (Surr)	85		15 - 100	03/10/22 00:59	03/10/22 17:25	1
Terphenyl-d14 (Surr)	92		12 - 126	03/10/22 00:59	03/10/22 17:25	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	✳	03/09/22 17:19	03/10/22 07:09	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	✳	03/09/22 17:19	03/10/22 07:09	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	✳	03/09/22 17:19	03/10/22 07:09	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	✳	03/09/22 17:19	03/10/22 07:09	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	✳	03/09/22 17:19	03/10/22 07:09	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	✳	03/09/22 17:19	03/10/22 07:09	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	✳	03/09/22 17:19	03/10/22 07:09	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	✳	03/09/22 17:19	03/10/22 07:09	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	✳	03/09/22 17:19	03/10/22 07:09	1

Eurolins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-05_1-3_20220307

Lab Sample ID: 460-253843-3

Date Collected: 03/07/22 15:00

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 95.4

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	✱	03/09/22 17:19	03/10/22 07:09	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	✱	03/09/22 17:19	03/10/22 07:09	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	✱	03/09/22 17:19	03/10/22 07:09	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	✱	03/09/22 17:19	03/10/22 07:09	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	✱	03/09/22 17:19	03/10/22 07:09	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	✱	03/09/22 17:19	03/10/22 07:09	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	✱	03/09/22 17:19	03/10/22 07:09	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	✱	03/09/22 17:19	03/10/22 07:09	1
Heptachlor epoxide	0.0070	U	0.0070	0.0010	mg/Kg	✱	03/09/22 17:19	03/10/22 07:09	1
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	✱	03/09/22 17:19	03/10/22 07:09	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	✱	03/09/22 17:19	03/10/22 07:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	74		10 - 150	03/09/22 17:19	03/10/22 07:09	1
DCB Decachlorobiphenyl	89		10 - 150	03/09/22 17:19	03/10/22 07:09	1
Tetrachloro-m-xylene	73		10 - 133	03/09/22 17:19	03/10/22 07:09	1
Tetrachloro-m-xylene	68		10 - 133	03/09/22 17:19	03/10/22 07:09	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	✱	03/09/22 17:12	03/10/22 13:36	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	✱	03/09/22 17:12	03/10/22 13:36	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	✱	03/09/22 17:12	03/10/22 13:36	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	✱	03/09/22 17:12	03/10/22 13:36	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	✱	03/09/22 17:12	03/10/22 13:36	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	✱	03/09/22 17:12	03/10/22 13:36	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	✱	03/09/22 17:12	03/10/22 13:36	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	✱	03/09/22 17:12	03/10/22 13:36	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	✱	03/09/22 17:12	03/10/22 13:36	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	✱	03/09/22 17:12	03/10/22 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	108		37 - 150	03/09/22 17:12	03/10/22 13:36	1
DCB Decachlorobiphenyl	104		37 - 150	03/09/22 17:12	03/10/22 13:36	1
Tetrachloro-m-xylene	105		54 - 150	03/09/22 17:12	03/10/22 13:36	1
Tetrachloro-m-xylene	102		54 - 150	03/09/22 17:12	03/10/22 13:36	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4990		15.7	4.3	mg/Kg	✱	03/11/22 22:15	03/13/22 16:36	1
Antimony	0.13	J	0.78	0.11	mg/Kg	✱	03/11/22 22:15	03/13/22 16:36	1
Arsenic	1.5		0.78	0.081	mg/Kg	✱	03/11/22 22:15	03/13/22 16:36	1
Barium	71.9		1.6	0.11	mg/Kg	✱	03/11/22 22:15	03/13/22 16:36	1
Beryllium	0.19	J	0.31	0.045	mg/Kg	✱	03/11/22 22:15	03/13/22 16:36	1
Cadmium	0.13	J	0.78	0.088	mg/Kg	✱	03/11/22 22:15	03/13/22 16:36	1
Calcium	165000		391	69.3	mg/Kg	✱	03/11/22 22:15	03/13/22 16:52	5
Chromium	13.6		1.6	0.21	mg/Kg	✱	03/11/22 22:15	03/13/22 16:36	1
Cobalt	3.9		1.6	0.12	mg/Kg	✱	03/11/22 22:15	03/13/22 16:36	1
Copper	18.7		1.6	0.29	mg/Kg	✱	03/11/22 22:15	03/13/22 16:36	1
Iron	9700		47.0	15.8	mg/Kg	✱	03/11/22 22:15	03/13/22 16:36	1

Eurolins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-05_1-3_20220307

Lab Sample ID: 460-253843-3

Date Collected: 03/07/22 15:00

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 95.4

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	95.8		0.47	0.16	mg/Kg	☼	03/11/22 22:15	03/13/22 16:36	1
Magnesium	20500		78.3	8.0	mg/Kg	☼	03/11/22 22:15	03/13/22 16:36	1
Manganese	143		3.1	0.32	mg/Kg	☼	03/11/22 22:15	03/13/22 16:36	1
Nickel	10		1.6	0.37	mg/Kg	☼	03/11/22 22:15	03/13/22 16:36	1
Potassium	1850		78.3	9.5	mg/Kg	☼	03/11/22 22:15	03/13/22 16:36	1
Selenium	0.12	J	0.98	0.10	mg/Kg	☼	03/11/22 22:15	03/13/22 16:36	1
Silver	0.78	U	0.78	0.070	mg/Kg	☼	03/11/22 22:15	03/13/22 16:36	1
Sodium	156		78.3	35.8	mg/Kg	☼	03/11/22 22:15	03/13/22 16:36	1
Thallium	0.10	J	0.31	0.032	mg/Kg	☼	03/11/22 22:15	03/13/22 16:36	1
Vanadium	16.6		1.6	0.16	mg/Kg	☼	03/11/22 22:15	03/13/22 16:36	1
Zinc	80.7		6.3	2.4	mg/Kg	☼	03/11/22 22:15	03/13/22 16:36	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.15		0.016	0.0076	mg/Kg	☼	03/10/22 03:43	03/10/22 07:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.6		1.0	1.0	%			03/11/22 02:40	1
Percent Solids	95.4		1.0	1.0	%			03/11/22 02:40	1

Client Sample ID: SB-05_12-14_20220307

Lab Sample ID: 460-253843-4

Date Collected: 03/07/22 15:05

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 97.4

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00021	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
2-Hexanone	0.0057	U	0.0057	0.0019	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Acetone	0.0068	U	0.0068	0.0065	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Benzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-05_12-14_20220307

Lab Sample ID: 460-253843-4

Date Collected: 03/07/22 15:05

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 97.4

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.0011	U	0.0011	0.00020	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Chlorobromomethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Chlorodibromomethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Ethylbenzene	0.0011	U	0.0011	0.00023	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Ethylene Dibromide	0.0011	U	0.0011	0.00020	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00020	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
o-Xylene	0.0011	U	0.0011	0.00022	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Trichloroethene	0.0011	U	0.0011	0.00037	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1
Xylenes, Total	0.0023	U	0.0023	0.00073	mg/Kg	☼	03/08/22 22:36	03/09/22 15:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 145	03/08/22 22:36	03/09/22 15:41	1
4-Bromofluorobenzene	96		70 - 139	03/08/22 22:36	03/09/22 15:41	1
Dibromofluoromethane (Surr)	104		48 - 150	03/08/22 22:36	03/09/22 15:41	1
Toluene-d8 (Surr)	85		80 - 120	03/08/22 22:36	03/09/22 15:41	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.0045	mg/Kg	☼	03/10/22 00:59	03/10/22 11:32	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	03/10/22 00:59	03/10/22 11:32	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	03/10/22 00:59	03/10/22 11:32	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.0061	mg/Kg	☼	03/10/22 00:59	03/10/22 11:32	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	03/10/22 00:59	03/10/22 11:32	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	03/10/22 00:59	03/10/22 11:32	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	03/10/22 00:59	03/10/22 11:32	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	03/10/22 00:59	03/10/22 11:32	1
2,4-Dimethylphenol	0.34	U	0.34	0.015	mg/Kg	☼	03/10/22 00:59	03/10/22 11:32	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	03/10/22 00:59	03/10/22 11:32	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	03/10/22 00:59	03/10/22 11:32	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	03/10/22 00:59	03/10/22 11:32	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-05_12-14_20220307

Lab Sample ID: 460-253843-4

Date Collected: 03/07/22 15:05

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 97.4

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	0.34	U	0.34	0.016	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
2-Methylnaphthalene	0.34	U	0.34	0.0095	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
2-Nitroaniline	0.34	U	0.34	0.013	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
3-Nitroaniline	0.34	U	0.34	0.038	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
4-Nitroaniline	0.34	U	0.34	0.039	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
4-Nitrophenol	0.69	U	0.69	0.055	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Acenaphthene	0.34	U	0.34	0.0097	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Acenaphthylene	0.34	U	0.34	0.0034	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Benzo[a]anthracene	0.034	U	0.034	0.012	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Benzo[a]pyrene	0.034	U	0.034	0.0090	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0088	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0067	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.026	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Chrysene	0.34	U	0.34	0.0057	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Dibenzofuran	0.34	U	0.34	0.0048	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Diethyl phthalate	0.34	U	0.34	0.0049	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Fluorene	0.34	U	0.34	0.0046	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Hexachlorobutadiene	0.069	U	0.069	0.0072	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	✳	03/10/22 00:59	03/10/22 11:32	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-05_12-14_20220307

Lab Sample ID: 460-253843-4

Date Collected: 03/07/22 15:05

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 97.4

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	0.034	U	0.034	0.0081	mg/Kg	☼	03/10/22 00:59	03/10/22 11:32	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	03/10/22 00:59	03/10/22 11:32	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	03/10/22 00:59	03/10/22 11:32	1
Pentachlorophenol	0.27	U	0.27	0.070	mg/Kg	☼	03/10/22 00:59	03/10/22 11:32	1
Phenanthrene	0.34	U	0.34	0.0060	mg/Kg	☼	03/10/22 00:59	03/10/22 11:32	1
Phenol	0.34	U	0.34	0.012	mg/Kg	☼	03/10/22 00:59	03/10/22 11:32	1
Pyrene	0.34	U	0.34	0.0084	mg/Kg	☼	03/10/22 00:59	03/10/22 11:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	88		10 - 123	03/10/22 00:59	03/10/22 11:32	1
2-Fluorobiphenyl	92		14 - 103	03/10/22 00:59	03/10/22 11:32	1
2-Fluorophenol (Surr)	93		10 - 105	03/10/22 00:59	03/10/22 11:32	1
Nitrobenzene-d5 (Surr)	94		11 - 104	03/10/22 00:59	03/10/22 11:32	1
Phenol-d5 (Surr)	95		15 - 100	03/10/22 00:59	03/10/22 11:32	1
Terphenyl-d14 (Surr)	102		12 - 126	03/10/22 00:59	03/10/22 11:32	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0068	U	0.0068	0.0012	mg/Kg	☼	03/09/22 17:19	03/10/22 07:24	1
4,4'-DDE	0.0068	U	0.0068	0.00081	mg/Kg	☼	03/09/22 17:19	03/10/22 07:24	1
4,4'-DDT	0.0068	U	0.0068	0.0013	mg/Kg	☼	03/09/22 17:19	03/10/22 07:24	1
Aldrin	0.0068	U	0.0068	0.0010	mg/Kg	☼	03/09/22 17:19	03/10/22 07:24	1
alpha-BHC	0.0020	U	0.0020	0.00069	mg/Kg	☼	03/09/22 17:19	03/10/22 07:24	1
beta-BHC	0.0020	U	0.0020	0.00077	mg/Kg	☼	03/09/22 17:19	03/10/22 07:24	1
Chlordane (technical)	0.068	U	0.068	0.017	mg/Kg	☼	03/09/22 17:19	03/10/22 07:24	1
delta-BHC	0.0020	U	0.0020	0.00042	mg/Kg	☼	03/09/22 17:19	03/10/22 07:24	1
Dieldrin	0.0020	U	0.0020	0.00089	mg/Kg	☼	03/09/22 17:19	03/10/22 07:24	1
Endosulfan I	0.0068	U	0.0068	0.0010	mg/Kg	☼	03/09/22 17:19	03/10/22 07:24	1
Endosulfan II	0.0068	U	0.0068	0.0018	mg/Kg	☼	03/09/22 17:19	03/10/22 07:24	1
Endosulfan sulfate	0.0068	U	0.0068	0.00086	mg/Kg	☼	03/09/22 17:19	03/10/22 07:24	1
Endrin	0.0068	U	0.0068	0.00098	mg/Kg	☼	03/09/22 17:19	03/10/22 07:24	1
Endrin aldehyde	0.0068	U	0.0068	0.0016	mg/Kg	☼	03/09/22 17:19	03/10/22 07:24	1
Endrin ketone	0.0068	U	0.0068	0.0013	mg/Kg	☼	03/09/22 17:19	03/10/22 07:24	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00063	mg/Kg	☼	03/09/22 17:19	03/10/22 07:24	1
Heptachlor	0.0068	U	0.0068	0.00081	mg/Kg	☼	03/09/22 17:19	03/10/22 07:24	1
Heptachlor epoxide	0.0068	U	0.0068	0.0010	mg/Kg	☼	03/09/22 17:19	03/10/22 07:24	1
Methoxychlor	0.0068	U	0.0068	0.0016	mg/Kg	☼	03/09/22 17:19	03/10/22 07:24	1
Toxaphene	0.068	U	0.068	0.025	mg/Kg	☼	03/09/22 17:19	03/10/22 07:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	74		10 - 150	03/09/22 17:19	03/10/22 07:24	1
DCB Decachlorobiphenyl	86		10 - 150	03/09/22 17:19	03/10/22 07:24	1
Tetrachloro-m-xylene	73		10 - 133	03/09/22 17:19	03/10/22 07:24	1
Tetrachloro-m-xylene	68		10 - 133	03/09/22 17:19	03/10/22 07:24	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.068	U	0.068	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 13:52	1
Aroclor 1221	0.068	U	0.068	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 13:52	1
Aroclor 1232	0.068	U	0.068	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 13:52	1

Euofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-05_12-14_20220307

Lab Sample ID: 460-253843-4

Date Collected: 03/07/22 15:05

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 97.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1242	0.068	U	0.068	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 13:52	1
Aroclor 1248	0.068	U	0.068	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 13:52	1
Aroclor 1254	0.068	U	0.068	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 13:52	1
Aroclor 1260	0.068	U	0.068	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 13:52	1
Aroclor-1262	0.068	U	0.068	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 13:52	1
Aroclor 1268	0.068	U	0.068	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 13:52	1
Polychlorinated biphenyls, Total	0.068	U	0.068	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	117		37 - 150	03/09/22 17:12	03/10/22 13:52	1
DCB Decachlorobiphenyl	114		37 - 150	03/09/22 17:12	03/10/22 13:52	1
Tetrachloro-m-xylene	116		54 - 150	03/09/22 17:12	03/10/22 13:52	1
Tetrachloro-m-xylene	113		54 - 150	03/09/22 17:12	03/10/22 13:52	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4980		46.3	12.7	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Antimony	2.3	U	2.3	0.34	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Arsenic	0.78	J	2.3	0.24	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Barium	30.7		4.6	0.34	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Beryllium	0.24	J	0.93	0.13	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Cadmium	2.3	U	2.3	0.26	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Calcium	2660		232	41.0	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Chromium	10.3		4.6	0.62	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Cobalt	4.4	J	4.6	0.34	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Copper	15.6		4.6	0.85	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Iron	9610		139	46.8	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Lead	17.2		1.4	0.46	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Magnesium	4480		232	23.6	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Manganese	190		9.3	0.93	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Nickel	9.8		4.6	1.1	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Potassium	1230		232	28.0	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Selenium	2.9	U	2.9	0.30	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Silver	2.3	U	2.3	0.21	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Sodium	197	J	232	106	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Thallium	0.93	U	0.93	0.095	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Vanadium	15.6		4.6	0.48	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3
Zinc	28.7		18.5	7.1	mg/Kg	☼	03/11/22 22:15	03/13/22 16:41	3

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	U	0.016	0.0077	mg/Kg	☼	03/10/22 03:43	03/10/22 07:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.6		1.0	1.0	%			03/11/22 02:40	1
Percent Solids	97.4		1.0	1.0	%			03/11/22 02:40	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-06_1-3_20220307

Lab Sample ID: 460-253843-5

Date Collected: 03/07/22 13:45

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 89.7

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00024	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00026	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Acetone	0.0070	U	0.0070	0.0067	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Benzene	0.0012	U	0.0012	0.00030	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Chlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Chlorobromomethane	0.0012	U	0.0012	0.00033	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Chlorodibromomethane	0.0012	U	0.0012	0.00023	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00039	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Ethylbenzene	0.0012	U	0.0012	0.00023	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Ethylene Dibromide	0.0012	U	0.0012	0.00021	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00020	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
o-Xylene	0.0012	U	0.0012	0.00023	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Styrene	0.0012	U	0.0012	0.00032	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1
Trichloroethene	0.0012	U	0.0012	0.00037	mg/Kg	✱	03/08/22 22:38	03/09/22 16:03	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-06_1-3_20220307

Lab Sample ID: 460-253843-5

Date Collected: 03/07/22 13:45

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 89.7

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	☼	03/08/22 22:38	03/09/22 16:03	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	☼	03/08/22 22:38	03/09/22 16:03	1
Xylenes, Total	0.0023	U	0.0023	0.00075	mg/Kg	☼	03/08/22 22:38	03/09/22 16:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 145				03/08/22 22:38	03/09/22 16:03	1
4-Bromofluorobenzene	97		70 - 139				03/08/22 22:38	03/09/22 16:03	1
Dibromofluoromethane (Surr)	103		48 - 150				03/08/22 22:38	03/09/22 16:03	1
Toluene-d8 (Surr)	83		80 - 120				03/08/22 22:38	03/09/22 16:03	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.0049	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.0067	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
2,4-Dimethylphenol	0.37	U	0.37	0.016	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
2-Chloronaphthalene	0.37	U	0.37	0.017	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
2-Methylnaphthalene	0.022	J	0.37	0.010	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
2-Nitroaniline	0.37	U	0.37	0.014	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
3-Nitroaniline	0.37	U	0.37	0.042	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
4-Chloroaniline	0.37	U	0.37	0.065	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
4-Nitroaniline	0.37	U	0.37	0.042	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Acenaphthene	0.37	U	0.37	0.010	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Acenaphthylene	0.26	J	0.37	0.0037	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Anthracene	0.099	J	0.37	0.011	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Benzo[a]anthracene	1.5		0.037	0.013	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Benzo[a]pyrene	2.0		0.037	0.0098	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Benzo[b]fluoranthene	2.4		0.037	0.0095	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Benzo[g,h,i]perylene	1.3		0.37	0.011	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-06_1-3_20220307

Lab Sample ID: 460-253843-5

Date Collected: 03/07/22 13:45

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 89.7

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	1.0		0.037	0.0072	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.029	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.019	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Caprolactam	0.37	U	0.37	0.057	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Carbazole	0.070	J	0.37	0.014	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Chrysene	1.5		0.37	0.0062	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Dibenz(a,h)anthracene	0.32		0.037	0.016	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Dibenzofuran	0.015	J	0.37	0.0052	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Diethyl phthalate	0.37	U	0.37	0.0053	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Fluoranthene	1.6		0.37	0.013	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Fluorene	0.016	J	0.37	0.0050	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Hexachlorobenzene	0.037	U	0.037	0.017	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Hexachlorobutadiene	0.075	U	0.075	0.0078	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Indeno[1,2,3-cd]pyrene	1.5		0.037	0.014	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Naphthalene	0.15	J	0.37	0.0064	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Nitrobenzene	0.037	U	0.037	0.0088	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Phenanthrene	0.42		0.37	0.0065	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1
Pyrene	2.1		0.37	0.0092	mg/Kg	☼	03/10/22 00:59	03/10/22 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	90		10 - 123	03/10/22 00:59	03/10/22 17:48	1
2-Fluorobiphenyl	89		14 - 103	03/10/22 00:59	03/10/22 17:48	1
2-Fluorophenol (Surr)	83		10 - 105	03/10/22 00:59	03/10/22 17:48	1
Nitrobenzene-d5 (Surr)	88		11 - 104	03/10/22 00:59	03/10/22 17:48	1
Phenol-d5 (Surr)	85		15 - 100	03/10/22 00:59	03/10/22 17:48	1
Terphenyl-d14 (Surr)	93		12 - 126	03/10/22 00:59	03/10/22 17:48	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0074	U	0.0074	0.0013	mg/Kg	☼	03/09/22 17:19	03/10/22 07:39	1
4,4'-DDE	0.0027	J	0.0074	0.00088	mg/Kg	☼	03/09/22 17:19	03/10/22 07:39	1
4,4'-DDT	0.0074		0.0074	0.0014	mg/Kg	☼	03/09/22 17:19	03/10/22 07:39	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	03/09/22 17:19	03/10/22 07:39	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	☼	03/09/22 17:19	03/10/22 07:39	1
beta-BHC	0.0022	U	0.0022	0.00083	mg/Kg	☼	03/09/22 17:19	03/10/22 07:39	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	☼	03/09/22 17:19	03/10/22 07:39	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	☼	03/09/22 17:19	03/10/22 07:39	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	☼	03/09/22 17:19	03/10/22 07:39	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-06_1-3_20220307

Lab Sample ID: 460-253843-5

Date Collected: 03/07/22 13:45

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 89.7

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	✱	03/09/22 17:19	03/10/22 07:39	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	✱	03/09/22 17:19	03/10/22 07:39	1
Endosulfan sulfate	0.0074	U	0.0074	0.00093	mg/Kg	✱	03/09/22 17:19	03/10/22 07:39	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	✱	03/09/22 17:19	03/10/22 07:39	1
Endrin aldehyde	0.0074	U	0.0074	0.0018	mg/Kg	✱	03/09/22 17:19	03/10/22 07:39	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	✱	03/09/22 17:19	03/10/22 07:39	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	✱	03/09/22 17:19	03/10/22 07:39	1
Heptachlor	0.0074	U	0.0074	0.00088	mg/Kg	✱	03/09/22 17:19	03/10/22 07:39	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	✱	03/09/22 17:19	03/10/22 07:39	1
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	✱	03/09/22 17:19	03/10/22 07:39	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	✱	03/09/22 17:19	03/10/22 07:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	73		10 - 150	03/09/22 17:19	03/10/22 07:39	1
DCB Decachlorobiphenyl	109		10 - 150	03/09/22 17:19	03/10/22 07:39	1
Tetrachloro-m-xylene	72		10 - 133	03/09/22 17:19	03/10/22 07:39	1
Tetrachloro-m-xylene	68		10 - 133	03/09/22 17:19	03/10/22 07:39	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	✱	03/09/22 17:12	03/10/22 14:09	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	✱	03/09/22 17:12	03/10/22 14:09	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	✱	03/09/22 17:12	03/10/22 14:09	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	✱	03/09/22 17:12	03/10/22 14:09	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	✱	03/09/22 17:12	03/10/22 14:09	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	✱	03/09/22 17:12	03/10/22 14:09	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	✱	03/09/22 17:12	03/10/22 14:09	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	✱	03/09/22 17:12	03/10/22 14:09	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	✱	03/09/22 17:12	03/10/22 14:09	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	✱	03/09/22 17:12	03/10/22 14:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	112		37 - 150	03/09/22 17:12	03/10/22 14:09	1
DCB Decachlorobiphenyl	108		37 - 150	03/09/22 17:12	03/10/22 14:09	1
Tetrachloro-m-xylene	111		54 - 150	03/09/22 17:12	03/10/22 14:09	1
Tetrachloro-m-xylene	108		54 - 150	03/09/22 17:12	03/10/22 14:09	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8200		53.5	14.7	mg/Kg	✱	03/11/22 22:15	03/13/22 16:43	3
Antimony	11.9		2.7	0.39	mg/Kg	✱	03/11/22 22:15	03/13/22 16:43	3
Arsenic	4.5		2.7	0.28	mg/Kg	✱	03/11/22 22:15	03/13/22 16:43	3
Barium	555		5.3	0.39	mg/Kg	✱	03/11/22 22:15	03/13/22 16:43	3
Beryllium	0.44	J	1.1	0.15	mg/Kg	✱	03/11/22 22:15	03/13/22 16:43	3
Cadmium	0.59	J	2.7	0.30	mg/Kg	✱	03/11/22 22:15	03/13/22 16:43	3
Calcium	80600		267	47.3	mg/Kg	✱	03/11/22 22:15	03/13/22 16:43	3
Chromium	16.9		5.3	0.71	mg/Kg	✱	03/11/22 22:15	03/13/22 16:43	3
Cobalt	6.1		5.3	0.40	mg/Kg	✱	03/11/22 22:15	03/13/22 16:43	3
Copper	79.6		5.3	0.98	mg/Kg	✱	03/11/22 22:15	03/13/22 16:43	3
Iron	14000		160	54.0	mg/Kg	✱	03/11/22 22:15	03/13/22 16:43	3

Euromins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-06_1-3_20220307

Lab Sample ID: 460-253843-5

Date Collected: 03/07/22 13:45

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 89.7

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1100		1.6	0.53	mg/Kg	☼	03/11/22 22:15	03/13/22 16:43	3
Magnesium	30700		267	27.3	mg/Kg	☼	03/11/22 22:15	03/13/22 16:43	3
Manganese	345		10.7	1.1	mg/Kg	☼	03/11/22 22:15	03/13/22 16:43	3
Nickel	15.6		5.3	1.3	mg/Kg	☼	03/11/22 22:15	03/13/22 16:43	3
Potassium	1930		267	32.4	mg/Kg	☼	03/11/22 22:15	03/13/22 16:43	3
Selenium	3.3	U	3.3	0.34	mg/Kg	☼	03/11/22 22:15	03/13/22 16:43	3
Silver	0.44	J	2.7	0.24	mg/Kg	☼	03/11/22 22:15	03/13/22 16:43	3
Sodium	1280		267	122	mg/Kg	☼	03/11/22 22:15	03/13/22 16:43	3
Thallium	1.1	U	1.1	0.11	mg/Kg	☼	03/11/22 22:15	03/13/22 16:43	3
Vanadium	26.4		5.3	0.55	mg/Kg	☼	03/11/22 22:15	03/13/22 16:43	3
Zinc	338		21.4	8.2	mg/Kg	☼	03/11/22 22:15	03/13/22 16:43	3

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11		0.018	0.0084	mg/Kg	☼	03/10/22 03:43	03/10/22 07:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10.3		1.0	1.0	%			03/11/22 02:40	1
Percent Solids	89.7		1.0	1.0	%			03/11/22 02:40	1

Client Sample ID: SB-06_12-14_20220307

Lab Sample ID: 460-253843-6

Date Collected: 03/07/22 13:50

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 97.4

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00027	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00044	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Acetone	0.0071	U	0.0071	0.0068	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Benzene	0.0012	U	0.0012	0.00031	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-06_12-14_20220307

Lab Sample ID: 460-253843-6

Date Collected: 03/07/22 13:50

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 97.4

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Chlorobromomethane	0.0012	U	0.0012	0.00033	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Chlorodibromomethane	0.0012	U	0.0012	0.00023	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Ethylbenzene	0.0012	U	0.0012	0.00024	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Ethylene Dibromide	0.0012	U	0.0012	0.00021	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Methyl acetate	0.0059	U	0.0059	0.0051	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
o-Xylene	0.0012	U	0.0012	0.00023	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1
Xylenes, Total	0.0024	U	0.0024	0.00076	mg/Kg	☼	03/08/22 22:39	03/09/22 16:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		77 - 145	03/08/22 22:39	03/09/22 16:25	1
4-Bromofluorobenzene	92		70 - 139	03/08/22 22:39	03/09/22 16:25	1
Dibromofluoromethane (Surr)	101		48 - 150	03/08/22 22:39	03/09/22 16:25	1
Toluene-d8 (Surr)	86		80 - 120	03/08/22 22:39	03/09/22 16:25	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.0045	mg/Kg	☼	03/10/22 00:59	03/10/22 11:55	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	03/10/22 00:59	03/10/22 11:55	1
1,4-Dioxane	0.034	U	0.034	0.029	mg/Kg	☼	03/10/22 00:59	03/10/22 11:55	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.0061	mg/Kg	☼	03/10/22 00:59	03/10/22 11:55	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	03/10/22 00:59	03/10/22 11:55	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.034	mg/Kg	☼	03/10/22 00:59	03/10/22 11:55	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.043	mg/Kg	☼	03/10/22 00:59	03/10/22 11:55	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	03/10/22 00:59	03/10/22 11:55	1
2,4-Dimethylphenol	0.34	U	0.34	0.015	mg/Kg	☼	03/10/22 00:59	03/10/22 11:55	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	03/10/22 00:59	03/10/22 11:55	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	03/10/22 00:59	03/10/22 11:55	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	03/10/22 00:59	03/10/22 11:55	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-06_12-14_20220307

Lab Sample ID: 460-253843-6

Date Collected: 03/07/22 13:50

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 97.4

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	0.34	U	0.34	0.016	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
2-Methylnaphthalene	0.34	U	0.34	0.0094	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
2-Nitroaniline	0.34	U	0.34	0.013	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
3-Nitroaniline	0.34	U	0.34	0.038	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
4-Nitroaniline	0.34	U	0.34	0.039	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
4-Nitrophenol	0.68	U	0.68	0.055	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Acenaphthene	0.34	U	0.34	0.0096	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Acenaphthylene	0.34	U	0.34	0.0034	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Benzo[a]anthracene	0.034	U	0.034	0.012	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Benzo[a]pyrene	0.034	U	0.034	0.0090	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0087	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0066	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.026	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Chrysene	0.34	U	0.34	0.0057	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Dibenzofuran	0.34	U	0.34	0.0047	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Diethyl phthalate	0.34	U	0.34	0.0049	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Fluorene	0.34	U	0.34	0.0046	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Hexachlorobutadiene	0.068	U	0.068	0.0072	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1
Naphthalene	0.34	U	0.34	0.0058	mg/Kg	✱	03/10/22 00:59	03/10/22 11:55	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-06_12-14_20220307

Lab Sample ID: 460-253843-6

Date Collected: 03/07/22 13:50

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 97.4

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	0.034	U	0.034	0.0081	mg/Kg	✳	03/10/22 00:59	03/10/22 11:55	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	✳	03/10/22 00:59	03/10/22 11:55	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	✳	03/10/22 00:59	03/10/22 11:55	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	✳	03/10/22 00:59	03/10/22 11:55	1
Phenanthrene	0.34	U	0.34	0.0059	mg/Kg	✳	03/10/22 00:59	03/10/22 11:55	1
Phenol	0.34	U	0.34	0.012	mg/Kg	✳	03/10/22 00:59	03/10/22 11:55	1
Pyrene	0.34	U	0.34	0.0084	mg/Kg	✳	03/10/22 00:59	03/10/22 11:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	85		10 - 123	03/10/22 00:59	03/10/22 11:55	1
2-Fluorobiphenyl	89		14 - 103	03/10/22 00:59	03/10/22 11:55	1
2-Fluorophenol (Surr)	90		10 - 105	03/10/22 00:59	03/10/22 11:55	1
Nitrobenzene-d5 (Surr)	88		11 - 104	03/10/22 00:59	03/10/22 11:55	1
Phenol-d5 (Surr)	92		15 - 100	03/10/22 00:59	03/10/22 11:55	1
Terphenyl-d14 (Surr)	99		12 - 126	03/10/22 00:59	03/10/22 11:55	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	✳	03/09/22 17:19	03/10/22 08:46	1
4,4'-DDE	0.0069	U	0.0069	0.00081	mg/Kg	✳	03/09/22 17:19	03/10/22 08:46	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	✳	03/09/22 17:19	03/10/22 08:46	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	✳	03/09/22 17:19	03/10/22 08:46	1
alpha-BHC	0.0020	U	0.0020	0.00070	mg/Kg	✳	03/09/22 17:19	03/10/22 08:46	1
beta-BHC	0.0020	U	0.0020	0.00077	mg/Kg	✳	03/09/22 17:19	03/10/22 08:46	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	✳	03/09/22 17:19	03/10/22 08:46	1
delta-BHC	0.0020	U	0.0020	0.00042	mg/Kg	✳	03/09/22 17:19	03/10/22 08:46	1
Dieldrin	0.0020	U	0.0020	0.00089	mg/Kg	✳	03/09/22 17:19	03/10/22 08:46	1
Endosulfan I	0.0069	U	0.0069	0.0010	mg/Kg	✳	03/09/22 17:19	03/10/22 08:46	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	✳	03/09/22 17:19	03/10/22 08:46	1
Endosulfan sulfate	0.0069	U	0.0069	0.00086	mg/Kg	✳	03/09/22 17:19	03/10/22 08:46	1
Endrin	0.0069	U	0.0069	0.00098	mg/Kg	✳	03/09/22 17:19	03/10/22 08:46	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	✳	03/09/22 17:19	03/10/22 08:46	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	✳	03/09/22 17:19	03/10/22 08:46	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00063	mg/Kg	✳	03/09/22 17:19	03/10/22 08:46	1
Heptachlor	0.0069	U	0.0069	0.00081	mg/Kg	✳	03/09/22 17:19	03/10/22 08:46	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	✳	03/09/22 17:19	03/10/22 08:46	1
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	✳	03/09/22 17:19	03/10/22 08:46	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	✳	03/09/22 17:19	03/10/22 08:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		10 - 150	03/09/22 17:19	03/10/22 08:46	1
DCB Decachlorobiphenyl	81		10 - 150	03/09/22 17:19	03/10/22 08:46	1
Tetrachloro-m-xylene	66		10 - 133	03/09/22 17:19	03/10/22 08:46	1
Tetrachloro-m-xylene	67		10 - 133	03/09/22 17:19	03/10/22 08:46	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	✳	03/09/22 17:12	03/10/22 14:25	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	✳	03/09/22 17:12	03/10/22 14:25	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	✳	03/09/22 17:12	03/10/22 14:25	1

Eurolins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-06_12-14_20220307

Lab Sample ID: 460-253843-6

Date Collected: 03/07/22 13:50

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 97.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 14:25	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 14:25	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 14:25	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 14:25	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 14:25	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 14:25	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 14:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	113		37 - 150	03/09/22 17:12	03/10/22 14:25	1
DCB Decachlorobiphenyl	112		37 - 150	03/09/22 17:12	03/10/22 14:25	1
Tetrachloro-m-xylene	112		54 - 150	03/09/22 17:12	03/10/22 14:25	1
Tetrachloro-m-xylene	110		54 - 150	03/09/22 17:12	03/10/22 14:25	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4420		47.8	13.1	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Antimony	2.4	U	2.4	0.35	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Arsenic	0.72	J	2.4	0.25	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Barium	42.5		4.8	0.35	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Beryllium	0.18	J	0.96	0.14	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Cadmium	2.4	U	2.4	0.27	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Calcium	9100		239	42.3	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Chromium	13.1		4.8	0.64	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Cobalt	4.4	J	4.8	0.35	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Copper	10.7		4.8	0.88	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Iron	9070		143	48.2	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Lead	14.4		1.4	0.48	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Magnesium	7660		239	24.4	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Manganese	217		9.6	0.96	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Nickel	11.3		4.8	1.1	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Potassium	1220		239	28.9	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Selenium	3.0	U	3.0	0.31	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Silver	2.4	U	2.4	0.21	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Sodium	150	J	239	109	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Thallium	0.96	U	0.96	0.098	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Vanadium	13.6		4.8	0.49	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3
Zinc	25.9		19.1	7.3	mg/Kg	☼	03/11/22 22:15	03/13/22 16:45	3

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0082	mg/Kg	☼	03/10/22 03:43	03/10/22 07:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.6		1.0	1.0	%			03/11/22 02:40	1
Percent Solids	97.4		1.0	1.0	%			03/11/22 02:40	1

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-09_1-3_20220307

Lab Sample ID: 460-253843-7

Date Collected: 03/07/22 14:10

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 89.1

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00030	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00027	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00038	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00023	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00026	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00029	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00023	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00059	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00038	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00054	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00046	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00029	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
2-Butanone (MEK)	0.0064	U	0.0064	0.00047	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
2-Hexanone	0.0064	U	0.0064	0.0022	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
4-Methyl-2-pentanone (MIBK)	0.0064	U	0.0064	0.0020	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Acetone	0.0076	U	0.0076	0.0073	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Benzene	0.0013	U	0.0013	0.00033	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Bromoform	0.0013	U	0.0013	0.00054	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Bromomethane	0.0025	U	0.0025	0.0013	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Carbon disulfide	0.0013	U	0.0013	0.00034	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Carbon tetrachloride	0.0013	U	0.0013	0.00049	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Chlorobenzene	0.0013	U	0.0013	0.00023	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Chlorobromomethane	0.0013	U	0.0013	0.00036	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Chlorodibromomethane	0.0013	U	0.0013	0.00025	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Chloroethane	0.0013	U	0.0013	0.00066	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Chloroform	0.0013	U	0.0013	0.0012	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Chloromethane	0.0013	U	0.0013	0.00055	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00046	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Cyclohexane	0.0013	U	0.0013	0.00028	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Dichlorobromomethane	0.0013	U	0.0013	0.00033	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00043	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Ethylbenzene	0.0013	U	0.0013	0.00025	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Ethylene Dibromide	0.0013	U	0.0013	0.00023	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Isopropylbenzene	0.0013	U	0.0013	0.00036	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Methyl acetate	0.0064	U	0.0064	0.0055	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00065	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Methylcyclohexane	0.0013	U	0.0013	0.00064	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Methylene Chloride	0.0025	U	0.0025	0.0015	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00022	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
o-Xylene	0.0013	U	0.0013	0.00025	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Styrene	0.0013	U	0.0013	0.00035	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Tetrachloroethene	0.0013	U	0.0013	0.00039	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Toluene	0.0013	U	0.0013	0.00030	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00031	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00034	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1
Trichloroethene	0.0013	U	0.0013	0.00041	mg/Kg	✱	03/08/22 22:41	03/09/22 16:48	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-09_1-3_20220307

Lab Sample ID: 460-253843-7

Date Collected: 03/07/22 14:10

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 89.1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.0013	U	0.0013	0.00052	mg/Kg	☼	03/08/22 22:41	03/09/22 16:48	1
Vinyl chloride	0.0013	U	0.0013	0.00070	mg/Kg	☼	03/08/22 22:41	03/09/22 16:48	1
Xylenes, Total	0.0025	U	0.0025	0.00082	mg/Kg	☼	03/08/22 22:41	03/09/22 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		77 - 145				03/08/22 22:41	03/09/22 16:48	1
4-Bromofluorobenzene	100		70 - 139				03/08/22 22:41	03/09/22 16:48	1
Dibromofluoromethane (Surr)	103		48 - 150				03/08/22 22:41	03/09/22 16:48	1
Toluene-d8 (Surr)	85		80 - 120				03/08/22 22:41	03/09/22 16:48	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.016	J	0.37	0.0049	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.0067	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
2,4-Dimethylphenol	0.37	U	0.37	0.016	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
2,4-Dinitrotoluene	0.075	U	0.075	0.040	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
2,6-Dinitrotoluene	0.075	U	0.075	0.027	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
2-Chloronaphthalene	0.37	U	0.37	0.017	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
2-Methylnaphthalene	0.022	J	0.37	0.010	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
2-Nitroaniline	0.37	U	0.37	0.014	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
3-Nitroaniline	0.37	U	0.37	0.042	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
4-Nitroaniline	0.37	U	0.37	0.043	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
4-Nitrophenol	0.75	U	0.75	0.060	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
Acenaphthylene	0.16	J	0.37	0.0037	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
Anthracene	0.077	J	0.37	0.011	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
Benzaldehyde	0.37	U	0.37	0.061	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
Benzo[a]anthracene	1.3		0.037	0.013	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
Benzo[a]pyrene	1.6		0.037	0.0099	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
Benzo[b]fluoranthene	2.1		0.037	0.0096	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1
Benzo[g,h,i]perylene	1.5		0.37	0.011	mg/Kg	☼	03/10/22 01:03	03/10/22 15:28	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-09_1-3_20220307

Lab Sample ID: 460-253843-7

Date Collected: 03/07/22 14:10

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 89.1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.97		0.037	0.0073	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.029	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Bis(2-ethylhexyl) phthalate	0.033	J	0.37	0.020	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Caprolactam	0.37	U	0.37	0.058	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Carbazole	0.058	J	0.37	0.014	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Chrysene	1.3		0.37	0.0063	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Dibenz(a,h)anthracene	0.38		0.037	0.016	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Dibenzofuran	0.014	J	0.37	0.0052	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Diethyl phthalate	0.37	U	0.37	0.0054	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Dimethyl phthalate	0.37	U	0.37	0.084	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Fluoranthene	1.5		0.37	0.013	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Fluorene	0.0075	J	0.37	0.0050	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Hexachlorobutadiene	0.075	U	0.075	0.0079	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Indeno[1,2,3-cd]pyrene	1.5		0.037	0.014	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Naphthalene	0.14	J	0.37	0.0064	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Nitrobenzene	0.037	U	0.037	0.0089	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Pentachlorophenol	0.30	U	0.30	0.076	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Phenanthrene	0.51		0.37	0.0065	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Phenol	0.37	U	0.37	0.014	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1
Pyrene	1.9		0.37	0.0092	mg/Kg	✱	03/10/22 01:03	03/10/22 15:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	90		10 - 123	03/10/22 01:03	03/10/22 15:28	1
2-Fluorobiphenyl	89		14 - 103	03/10/22 01:03	03/10/22 15:28	1
2-Fluorophenol (Surr)	87		10 - 105	03/10/22 01:03	03/10/22 15:28	1
Nitrobenzene-d5 (Surr)	88		11 - 104	03/10/22 01:03	03/10/22 15:28	1
Phenol-d5 (Surr)	91		15 - 100	03/10/22 01:03	03/10/22 15:28	1
Terphenyl-d14 (Surr)	94		12 - 126	03/10/22 01:03	03/10/22 15:28	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0043	J p	0.0075	0.0013	mg/Kg	✱	03/09/22 17:19	03/10/22 09:00	1
4,4'-DDE	0.0095	p	0.0075	0.00088	mg/Kg	✱	03/09/22 17:19	03/10/22 09:00	1
4,4'-DDT	0.19		0.0075	0.0014	mg/Kg	✱	03/09/22 17:19	03/10/22 09:00	1
Aldrin	0.0075	U	0.0075	0.0011	mg/Kg	✱	03/09/22 17:19	03/10/22 09:00	1
alpha-BHC	0.0022	U	0.0022	0.00076	mg/Kg	✱	03/09/22 17:19	03/10/22 09:00	1
beta-BHC	0.0022	U	0.0022	0.00084	mg/Kg	✱	03/09/22 17:19	03/10/22 09:00	1
Chlordane (technical)	0.053	J p	0.075	0.018	mg/Kg	✱	03/09/22 17:19	03/10/22 09:00	1
delta-BHC	0.0022	U	0.0022	0.00046	mg/Kg	✱	03/09/22 17:19	03/10/22 09:00	1
Dieldrin	0.0022	U	0.0022	0.00097	mg/Kg	✱	03/09/22 17:19	03/10/22 09:00	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-09_1-3_20220307

Lab Sample ID: 460-253843-7

Date Collected: 03/07/22 14:10

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 89.1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	0.0075	U	0.0075	0.0011	mg/Kg	☼	03/09/22 17:19	03/10/22 09:00	1
Endosulfan II	0.0075	U	0.0075	0.0019	mg/Kg	☼	03/09/22 17:19	03/10/22 09:00	1
Endosulfan sulfate	0.0075	U	0.0075	0.00094	mg/Kg	☼	03/09/22 17:19	03/10/22 09:00	1
Endrin	0.0075	U	0.0075	0.0011	mg/Kg	☼	03/09/22 17:19	03/10/22 09:00	1
Endrin aldehyde	0.0075	U	0.0075	0.0018	mg/Kg	☼	03/09/22 17:19	03/10/22 09:00	1
Endrin ketone	0.0075	U	0.0075	0.0015	mg/Kg	☼	03/09/22 17:19	03/10/22 09:00	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00069	mg/Kg	☼	03/09/22 17:19	03/10/22 09:00	1
Heptachlor	0.0075	U	0.0075	0.00088	mg/Kg	☼	03/09/22 17:19	03/10/22 09:00	1
Heptachlor epoxide	0.0075	U	0.0075	0.0011	mg/Kg	☼	03/09/22 17:19	03/10/22 09:00	1
Methoxychlor	0.0075	U	0.0075	0.0017	mg/Kg	☼	03/09/22 17:19	03/10/22 09:00	1
Toxaphene	0.075	U	0.075	0.027	mg/Kg	☼	03/09/22 17:19	03/10/22 09:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	84		10 - 150	03/09/22 17:19	03/10/22 09:00	1
DCB Decachlorobiphenyl	102		10 - 150	03/09/22 17:19	03/10/22 09:00	1
Tetrachloro-m-xylene	77		10 - 133	03/09/22 17:19	03/10/22 09:00	1
Tetrachloro-m-xylene	71		10 - 133	03/09/22 17:19	03/10/22 09:00	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.075	U	0.075	0.020	mg/Kg	☼	03/09/22 17:12	03/10/22 14:42	1
Aroclor 1221	0.075	U	0.075	0.020	mg/Kg	☼	03/09/22 17:12	03/10/22 14:42	1
Aroclor 1232	0.075	U	0.075	0.020	mg/Kg	☼	03/09/22 17:12	03/10/22 14:42	1
Aroclor 1242	0.075	U	0.075	0.020	mg/Kg	☼	03/09/22 17:12	03/10/22 14:42	1
Aroclor 1248	0.075	U	0.075	0.020	mg/Kg	☼	03/09/22 17:12	03/10/22 14:42	1
Aroclor 1254	0.075	U	0.075	0.020	mg/Kg	☼	03/09/22 17:12	03/10/22 14:42	1
Aroclor 1260	0.075	U	0.075	0.020	mg/Kg	☼	03/09/22 17:12	03/10/22 14:42	1
Aroclor-1262	0.075	U	0.075	0.020	mg/Kg	☼	03/09/22 17:12	03/10/22 14:42	1
Aroclor 1268	0.075	U	0.075	0.020	mg/Kg	☼	03/09/22 17:12	03/10/22 14:42	1
Polychlorinated biphenyls, Total	0.075	U	0.075	0.020	mg/Kg	☼	03/09/22 17:12	03/10/22 14:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	114		37 - 150	03/09/22 17:12	03/10/22 14:42	1
DCB Decachlorobiphenyl	117		37 - 150	03/09/22 17:12	03/10/22 14:42	1
Tetrachloro-m-xylene	106		54 - 150	03/09/22 17:12	03/10/22 14:42	1
Tetrachloro-m-xylene	101		54 - 150	03/09/22 17:12	03/10/22 14:42	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5900		49.9	13.7	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3
Antimony	2.5	U	2.5	0.36	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3
Arsenic	5.6		2.5	0.26	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3
Barium	998		5.0	0.36	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3
Beryllium	0.38	J	1.0	0.14	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3
Cadmium	0.63	J	2.5	0.28	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3
Calcium	115000		250	44.2	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3
Chromium	16.8		5.0	0.67	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3
Cobalt	4.8	J	5.0	0.37	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3
Copper	22.7		5.0	0.92	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3
Iron	17000		150	50.4	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-09_1-3_20220307

Lab Sample ID: 460-253843-7

Date Collected: 03/07/22 14:10

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 89.1

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	209		1.5	0.50	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3
Magnesium	37500		250	25.4	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3
Manganese	618		10	1.0	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3
Nickel	8.4		5.0	1.2	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3
Potassium	1150		250	30.2	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3
Selenium	3.1	U	3.1	0.32	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3
Silver	2.5	U	2.5	0.22	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3
Sodium	410		250	114	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3
Thallium	0.10	J	1.0	0.10	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3
Vanadium	17.6		5.0	0.51	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3
Zinc	592		20.0	7.6	mg/Kg	☼	03/11/22 22:15	03/13/22 16:47	3

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091		0.018	0.0086	mg/Kg	☼	03/10/22 03:43	03/10/22 07:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10.9		1.0	1.0	%			03/11/22 02:40	1
Percent Solids	89.1		1.0	1.0	%			03/11/22 02:40	1

Client Sample ID: SB-09_12-14_20220307

Lab Sample ID: 460-253843-8

Date Collected: 03/07/22 14:15

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 93.8

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00034	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00031	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00044	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00026	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00030	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00033	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.00026	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00067	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00061	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00053	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00033	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
2-Butanone (MEK)	0.0072	U	0.0072	0.00053	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
2-Hexanone	0.0072	U	0.0072	0.0025	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
4-Methyl-2-pentanone (MIBK)	0.0072	U	0.0072	0.0023	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Acetone	0.0087	U	0.0087	0.0083	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Benzene	0.0014	U	0.0014	0.00037	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Bromoform	0.0014	U	0.0014	0.00062	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Bromomethane	0.0029	U	0.0029	0.0014	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Carbon disulfide	0.0014	U	0.0014	0.00039	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Carbon tetrachloride	0.0014	U	0.0014	0.00056	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-09_12-14_20220307

Lab Sample ID: 460-253843-8

Date Collected: 03/07/22 14:15

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 93.8

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.0014	U	0.0014	0.00026	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Chlorobromomethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Chlorodibromomethane	0.0014	U	0.0014	0.00028	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Chloroethane	0.0014	U	0.0014	0.00076	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Chloromethane	0.0014	U	0.0014	0.00063	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00052	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00040	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Cyclohexane	0.0014	U	0.0014	0.00032	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Dichlorobromomethane	0.0014	U	0.0014	0.00037	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00049	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Ethylbenzene	0.0014	U	0.0014	0.00029	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Ethylene Dibromide	0.0014	U	0.0014	0.00026	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Isopropylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Methyl acetate	0.0072	U	0.0072	0.0062	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00074	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Methylcyclohexane	0.0014	U	0.0014	0.00072	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Methylene Chloride	0.0029	U	0.0029	0.0017	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00025	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
o-Xylene	0.0014	U	0.0014	0.00028	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Styrene	0.0014	U	0.0014	0.00040	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Tetrachloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Toluene	0.0014	U	0.0014	0.00034	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00036	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00039	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Trichloroethene	0.0014	U	0.0014	0.00046	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00059	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Vinyl chloride	0.0014	U	0.0014	0.00079	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1
Xylenes, Total	0.0029	U	0.0029	0.00093	mg/Kg	☼	03/08/22 22:42	03/09/22 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		77 - 145	03/08/22 22:42	03/09/22 17:10	1
4-Bromofluorobenzene	93		70 - 139	03/08/22 22:42	03/09/22 17:10	1
Dibromofluoromethane (Surr)	104		48 - 150	03/08/22 22:42	03/09/22 17:10	1
Toluene-d8 (Surr)	89		80 - 120	03/08/22 22:42	03/09/22 17:10	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.0047	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.0063	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
2,4-Dimethylphenol	0.35	U	0.35	0.015	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-09_12-14_20220307

Lab Sample ID: 460-253843-8

Date Collected: 03/07/22 14:15

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 93.8

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	0.35	U	0.35	0.016	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
2-Nitroaniline	0.35	U	0.35	0.013	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
3-Nitroaniline	0.35	U	0.35	0.040	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
4-Nitroaniline	0.35	U	0.35	0.040	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Acenaphthylene	0.35	U	0.35	0.0035	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Benzo[a]anthracene	0.035	U	0.035	0.012	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0091	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.027	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Bis(2-ethylhexyl) phthalate	0.027	J	0.35	0.019	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Chrysene	0.35	U	0.35	0.0059	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Dibenzofuran	0.35	U	0.35	0.0049	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Diethyl phthalate	0.35	U	0.35	0.0051	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Fluorene	0.35	U	0.35	0.0048	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	☼	03/10/22 01:03	03/10/22 14:43	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-09_12-14_20220307

Lab Sample ID: 460-253843-8

Date Collected: 03/07/22 14:15

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 93.8

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	0.035	U	0.035	0.0084	mg/Kg	✳	03/10/22 01:03	03/10/22 14:43	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	✳	03/10/22 01:03	03/10/22 14:43	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	✳	03/10/22 01:03	03/10/22 14:43	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	✳	03/10/22 01:03	03/10/22 14:43	1
Phenanthrene	0.35	U	0.35	0.0062	mg/Kg	✳	03/10/22 01:03	03/10/22 14:43	1
Phenol	0.35	U	0.35	0.013	mg/Kg	✳	03/10/22 01:03	03/10/22 14:43	1
Pyrene	0.35	U	0.35	0.0087	mg/Kg	✳	03/10/22 01:03	03/10/22 14:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	95		10 - 123	03/10/22 01:03	03/10/22 14:43	1
2-Fluorobiphenyl	89		14 - 103	03/10/22 01:03	03/10/22 14:43	1
2-Fluorophenol (Surr)	87		10 - 105	03/10/22 01:03	03/10/22 14:43	1
Nitrobenzene-d5 (Surr)	89		11 - 104	03/10/22 01:03	03/10/22 14:43	1
Phenol-d5 (Surr)	94		15 - 100	03/10/22 01:03	03/10/22 14:43	1
Terphenyl-d14 (Surr)	102		12 - 126	03/10/22 01:03	03/10/22 14:43	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	✳	03/09/22 17:19	03/10/22 09:15	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	✳	03/09/22 17:19	03/10/22 09:15	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	✳	03/09/22 17:19	03/10/22 09:15	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	✳	03/09/22 17:19	03/10/22 09:15	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	✳	03/09/22 17:19	03/10/22 09:15	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	✳	03/09/22 17:19	03/10/22 09:15	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	✳	03/09/22 17:19	03/10/22 09:15	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	✳	03/09/22 17:19	03/10/22 09:15	1
Dieldrin	0.0021	U	0.0021	0.00092	mg/Kg	✳	03/09/22 17:19	03/10/22 09:15	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	✳	03/09/22 17:19	03/10/22 09:15	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	✳	03/09/22 17:19	03/10/22 09:15	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	✳	03/09/22 17:19	03/10/22 09:15	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	✳	03/09/22 17:19	03/10/22 09:15	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	✳	03/09/22 17:19	03/10/22 09:15	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	✳	03/09/22 17:19	03/10/22 09:15	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	✳	03/09/22 17:19	03/10/22 09:15	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	✳	03/09/22 17:19	03/10/22 09:15	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	✳	03/09/22 17:19	03/10/22 09:15	1
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	✳	03/09/22 17:19	03/10/22 09:15	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	✳	03/09/22 17:19	03/10/22 09:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	76		10 - 150	03/09/22 17:19	03/10/22 09:15	1
DCB Decachlorobiphenyl	92		10 - 150	03/09/22 17:19	03/10/22 09:15	1
Tetrachloro-m-xylene	72		10 - 133	03/09/22 17:19	03/10/22 09:15	1
Tetrachloro-m-xylene	68		10 - 133	03/09/22 17:19	03/10/22 09:15	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	✳	03/09/22 17:12	03/10/22 14:59	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	✳	03/09/22 17:12	03/10/22 14:59	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	✳	03/09/22 17:12	03/10/22 14:59	1

Eurolins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-09_12-14_20220307

Lab Sample ID: 460-253843-8

Date Collected: 03/07/22 14:15

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 93.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	☼	03/09/22 17:12	03/10/22 14:59	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	☼	03/09/22 17:12	03/10/22 14:59	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	☼	03/09/22 17:12	03/10/22 14:59	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	☼	03/09/22 17:12	03/10/22 14:59	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	☼	03/09/22 17:12	03/10/22 14:59	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	☼	03/09/22 17:12	03/10/22 14:59	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	☼	03/09/22 17:12	03/10/22 14:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	110		37 - 150	03/09/22 17:12	03/10/22 14:59	1
DCB Decachlorobiphenyl	105		37 - 150	03/09/22 17:12	03/10/22 14:59	1
Tetrachloro-m-xylene	104		54 - 150	03/09/22 17:12	03/10/22 14:59	1
Tetrachloro-m-xylene	102		54 - 150	03/09/22 17:12	03/10/22 14:59	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6970		17.5	4.8	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Antimony	0.87	U	0.87	0.13	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Arsenic	0.99		0.87	0.090	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Barium	44.9		1.7	0.13	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Beryllium	0.25	J	0.35	0.050	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Cadmium	0.87	U	0.87	0.099	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Calcium	1940		87.4	15.5	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Chromium	16.9		1.7	0.23	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Cobalt	5.8		1.7	0.13	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Copper	15.4		1.7	0.32	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Iron	13300		52.4	17.6	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Lead	3.7		0.52	0.17	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Magnesium	4020		87.4	8.9	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Manganese	267		3.5	0.35	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Nickel	13.9		1.7	0.41	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Potassium	1880		87.4	10.6	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Selenium	1.1	U	1.1	0.11	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Silver	0.87	U	0.87	0.078	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Sodium	176		87.4	39.9	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Thallium	0.11	J	0.35	0.036	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Vanadium	20.5		1.7	0.18	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1
Zinc	32.6		7.0	2.7	mg/Kg	☼	03/11/22 22:15	03/13/22 13:16	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	U	0.016	0.0075	mg/Kg	☼	03/10/22 03:43	03/10/22 07:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.2		1.0	1.0	%			03/11/22 02:40	1
Percent Solids	93.8		1.0	1.0	%			03/11/22 02:40	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-10_1-3_20220307

Lab Sample ID: 460-253843-9

Date Collected: 03/07/22 12:45

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 91.0

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00025	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00028	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Acetone	0.0073	U	0.0073	0.0070	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Benzene	0.0012	U	0.0012	0.00032	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Chlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Chlorobromomethane	0.0012	U	0.0012	0.00034	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Chlorodibromomethane	0.0012	U	0.0012	0.00024	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Ethylbenzene	0.0012	U	0.0012	0.00024	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Ethylene Dibromide	0.0012	U	0.0012	0.00022	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Methyl acetate	0.0061	U	0.0061	0.0053	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
o-Xylene	0.0012	U	0.0012	0.00024	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Tetrachloroethene	0.00051	J	0.0012	0.00037	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	✳	03/08/22 22:44	03/09/22 17:32	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-10_1-3_20220307

Lab Sample ID: 460-253843-9

Date Collected: 03/07/22 12:45

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 91.0

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	03/08/22 22:44	03/09/22 17:32	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	03/08/22 22:44	03/09/22 17:32	1
Xylenes, Total	0.0024	U	0.0024	0.00079	mg/Kg	☼	03/08/22 22:44	03/09/22 17:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 145				03/08/22 22:44	03/09/22 17:32	1
4-Bromofluorobenzene	97		70 - 139				03/08/22 22:44	03/09/22 17:32	1
Dibromofluoromethane (Surr)	105		48 - 150				03/08/22 22:44	03/09/22 17:32	1
Toluene-d8 (Surr)	85		80 - 120				03/08/22 22:44	03/09/22 17:32	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.0048	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.0065	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.046	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
2,4-Dimethylphenol	0.36	U	0.36	0.016	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
2-Chloronaphthalene	0.36	U	0.36	0.017	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
2-Nitroaniline	0.36	U	0.36	0.014	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
3-Nitroaniline	0.36	U	0.36	0.041	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
4-Nitroaniline	0.36	U	0.36	0.042	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
Acenaphthylene	0.034	J	0.36	0.0036	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
Anthracene	0.022	J	0.36	0.011	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
Benzo[a]anthracene	0.28		0.036	0.013	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
Benzo[a]pyrene	0.36		0.036	0.0096	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
Benzo[b]fluoranthene	0.49		0.036	0.0093	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1
Benzo[g,h,i]perylene	0.28	J	0.36	0.011	mg/Kg	☼	03/10/22 01:03	03/10/22 15:51	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-10_1-3_20220307

Lab Sample ID: 460-253843-9

Date Collected: 03/07/22 12:45

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 91.0

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.16		0.036	0.0071	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Bis(2-ethylhexyl) phthalate	0.032	J	0.36	0.019	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Carbazole	0.034	J	0.36	0.014	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Chrysene	0.34	J	0.36	0.0061	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Dibenz(a,h)anthracene	0.072		0.036	0.016	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Dibenzofuran	0.0052	J	0.36	0.0051	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Diethyl phthalate	0.36	U	0.36	0.0052	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Fluoranthene	0.46		0.36	0.013	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Fluorene	0.0064	J	0.36	0.0049	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Indeno[1,2,3-cd]pyrene	0.30		0.036	0.014	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Naphthalene	0.018	J	0.36	0.0062	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Nitrobenzene	0.036	U	0.036	0.0087	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Phenanthrene	0.20	J	0.36	0.0064	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Phenol	0.36	U	0.36	0.013	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1
Pyrene	0.46		0.36	0.0090	mg/Kg	✳	03/10/22 01:03	03/10/22 15:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	91		10 - 123	03/10/22 01:03	03/10/22 15:51	1
2-Fluorobiphenyl	87		14 - 103	03/10/22 01:03	03/10/22 15:51	1
2-Fluorophenol (Surr)	82		10 - 105	03/10/22 01:03	03/10/22 15:51	1
Nitrobenzene-d5 (Surr)	83		11 - 104	03/10/22 01:03	03/10/22 15:51	1
Phenol-d5 (Surr)	84		15 - 100	03/10/22 01:03	03/10/22 15:51	1
Terphenyl-d14 (Surr)	93		12 - 126	03/10/22 01:03	03/10/22 15:51	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0057	J	0.0074	0.0013	mg/Kg	✳	03/09/22 17:19	03/10/22 09:29	1
4,4'-DDE	0.016		0.0074	0.00087	mg/Kg	✳	03/09/22 17:19	03/10/22 09:29	1
4,4'-DDT	0.032		0.0074	0.0014	mg/Kg	✳	03/09/22 17:19	03/10/22 09:29	1
Aldrin	0.0074	U	0.0074	0.0011	mg/Kg	✳	03/09/22 17:19	03/10/22 09:29	1
alpha-BHC	0.0022	U	0.0022	0.00075	mg/Kg	✳	03/09/22 17:19	03/10/22 09:29	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	✳	03/09/22 17:19	03/10/22 09:29	1
Chlordane (technical)	0.074	U	0.074	0.018	mg/Kg	✳	03/09/22 17:19	03/10/22 09:29	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	✳	03/09/22 17:19	03/10/22 09:29	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	✳	03/09/22 17:19	03/10/22 09:29	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-10_1-3_20220307

Lab Sample ID: 460-253843-9

Date Collected: 03/07/22 12:45

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 91.0

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	0.0074	U	0.0074	0.0011	mg/Kg	☼	03/09/22 17:19	03/10/22 09:29	1
Endosulfan II	0.0074	U	0.0074	0.0019	mg/Kg	☼	03/09/22 17:19	03/10/22 09:29	1
Endosulfan sulfate	0.0074	U	0.0074	0.00092	mg/Kg	☼	03/09/22 17:19	03/10/22 09:29	1
Endrin	0.0074	U	0.0074	0.0011	mg/Kg	☼	03/09/22 17:19	03/10/22 09:29	1
Endrin aldehyde	0.0074	U	0.0074	0.0017	mg/Kg	☼	03/09/22 17:19	03/10/22 09:29	1
Endrin ketone	0.0074	U	0.0074	0.0014	mg/Kg	☼	03/09/22 17:19	03/10/22 09:29	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	☼	03/09/22 17:19	03/10/22 09:29	1
Heptachlor	0.0074	U	0.0074	0.00087	mg/Kg	☼	03/09/22 17:19	03/10/22 09:29	1
Heptachlor epoxide	0.0074	U	0.0074	0.0011	mg/Kg	☼	03/09/22 17:19	03/10/22 09:29	1
Methoxychlor	0.0074	U	0.0074	0.0017	mg/Kg	☼	03/09/22 17:19	03/10/22 09:29	1
Toxaphene	0.074	U	0.074	0.027	mg/Kg	☼	03/09/22 17:19	03/10/22 09:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	75		10 - 150	03/09/22 17:19	03/10/22 09:29	1
DCB Decachlorobiphenyl	82		10 - 150	03/09/22 17:19	03/10/22 09:29	1
Tetrachloro-m-xylene	69		10 - 133	03/09/22 17:19	03/10/22 09:29	1
Tetrachloro-m-xylene	65		10 - 133	03/09/22 17:19	03/10/22 09:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.074	U	0.074	0.020	mg/Kg	☼	03/09/22 17:12	03/10/22 15:15	1
Aroclor 1221	0.074	U	0.074	0.020	mg/Kg	☼	03/09/22 17:12	03/10/22 15:15	1
Aroclor 1232	0.074	U	0.074	0.020	mg/Kg	☼	03/09/22 17:12	03/10/22 15:15	1
Aroclor 1242	0.074	U	0.074	0.020	mg/Kg	☼	03/09/22 17:12	03/10/22 15:15	1
Aroclor 1248	0.074	U	0.074	0.020	mg/Kg	☼	03/09/22 17:12	03/10/22 15:15	1
Aroclor 1254	0.074	U	0.074	0.020	mg/Kg	☼	03/09/22 17:12	03/10/22 15:15	1
Aroclor 1260	0.074	U	0.074	0.020	mg/Kg	☼	03/09/22 17:12	03/10/22 15:15	1
Aroclor-1262	0.074	U	0.074	0.020	mg/Kg	☼	03/09/22 17:12	03/10/22 15:15	1
Aroclor 1268	0.074	U	0.074	0.020	mg/Kg	☼	03/09/22 17:12	03/10/22 15:15	1
Polychlorinated biphenyls, Total	0.074	U	0.074	0.020	mg/Kg	☼	03/09/22 17:12	03/10/22 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	122		37 - 150	03/09/22 17:12	03/10/22 15:15	1
DCB Decachlorobiphenyl	118		37 - 150	03/09/22 17:12	03/10/22 15:15	1
Tetrachloro-m-xylene	119		54 - 150	03/09/22 17:12	03/10/22 15:15	1
Tetrachloro-m-xylene	115		54 - 150	03/09/22 17:12	03/10/22 15:15	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3600		16.5	4.5	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1
Antimony	0.19	J	0.83	0.12	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1
Arsenic	2.1		0.83	0.085	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1
Barium	180		1.7	0.12	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1
Beryllium	0.19	J	0.33	0.047	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1
Cadmium	0.40	J	0.83	0.093	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1
Calcium	17400		82.6	14.6	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1
Chromium	7.3		1.7	0.22	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1
Cobalt	2.7		1.7	0.12	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1
Copper	17.1		1.7	0.30	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1
Iron	4480		49.5	16.7	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1

Eurolins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-10_1-3_20220307

Lab Sample ID: 460-253843-9

Date Collected: 03/07/22 12:45

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 91.0

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	129		0.50	0.17	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1
Magnesium	5470		82.6	8.4	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1
Manganese	89.9		3.3	0.33	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1
Nickel	9.3		1.7	0.39	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1
Potassium	961		82.6	10	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1
Selenium	0.35	J	1.0	0.11	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1
Silver	0.45	J	0.83	0.073	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1
Sodium	243		82.6	37.7	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1
Thallium	0.059	J	0.33	0.034	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1
Vanadium	25.2		1.7	0.17	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1
Zinc	177		6.6	2.5	mg/Kg	☼	03/11/22 22:15	03/13/22 13:18	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.23		0.016	0.0078	mg/Kg	☼	03/10/22 03:43	03/10/22 07:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.9		1.0	1.0	%			03/11/22 02:40	1
Percent Solids	91.1		1.0	1.0	%			03/11/22 02:40	1

Client Sample ID: SB-10_12-14_20220307

Lab Sample ID: 460-253843-10

Date Collected: 03/07/22 12:50

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 96.4

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00055	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00051	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00027	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
2-Butanone (MEK)	0.0060	U	0.0060	0.00044	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
2-Hexanone	0.0060	U	0.0060	0.0020	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
4-Methyl-2-pentanone (MIBK)	0.0060	U	0.0060	0.0019	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Acetone	0.0072	U	0.0072	0.0069	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Benzene	0.0012	U	0.0012	0.00031	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Bromoform	0.0012	U	0.0012	0.00051	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Carbon disulfide	0.0012	U	0.0012	0.00032	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-10_12-14_20220307

Lab Sample ID: 460-253843-10

Date Collected: 03/07/22 12:50

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 96.4

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Chlorobromomethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Chlorodibromomethane	0.0012	U	0.0012	0.00023	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Chloroethane	0.0012	U	0.0012	0.00063	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00043	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Ethylbenzene	0.0012	U	0.0012	0.00024	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Ethylene Dibromide	0.0012	U	0.0012	0.00022	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Methyl acetate	0.0060	U	0.0060	0.0052	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Methylcyclohexane	0.0012	U	0.0012	0.00060	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
o-Xylene	0.0012	U	0.0012	0.00023	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00049	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1
Xylenes, Total	0.0024	U	0.0024	0.00077	mg/Kg	☼	03/08/22 22:45	03/09/22 17:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 145	03/08/22 22:45	03/09/22 17:54	1
4-Bromofluorobenzene	91		70 - 139	03/08/22 22:45	03/09/22 17:54	1
Dibromofluoromethane (Surr)	104		48 - 150	03/08/22 22:45	03/09/22 17:54	1
Toluene-d8 (Surr)	87		80 - 120	03/08/22 22:45	03/09/22 17:54	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.0045	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.0062	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
2,4-Dimethylphenol	0.34	U	0.34	0.015	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-10_12-14_20220307

Lab Sample ID: 460-253843-10

Date Collected: 03/07/22 12:50

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 96.4

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	0.34	U	0.34	0.016	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
2-Methylnaphthalene	0.34	U	0.34	0.0096	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
2-Nitroaniline	0.34	U	0.34	0.013	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
3-Nitroaniline	0.34	U	0.34	0.039	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
4-Nitroaniline	0.34	U	0.34	0.039	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
4-Nitrophenol	0.69	U	0.69	0.056	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Acenaphthene	0.34	U	0.34	0.0097	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Acenaphthylene	0.34	U	0.34	0.0034	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Benzaldehyde	0.34	U	0.34	0.057	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Benzo[a]anthracene	0.034	U	0.034	0.012	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Benzo[a]pyrene	0.034	U	0.034	0.0091	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0088	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0067	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.027	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Chrysene	0.34	U	0.34	0.0058	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Dibenzofuran	0.34	U	0.34	0.0048	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Diethyl phthalate	0.34	U	0.34	0.0050	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Fluorene	0.34	U	0.34	0.0046	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Hexachlorobutadiene	0.069	U	0.069	0.0073	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Isophorone	0.14	U	0.14	0.099	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-10_12-14_20220307

Lab Sample ID: 460-253843-10

Date Collected: 03/07/22 12:50

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 96.4

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	0.034	U	0.034	0.0082	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Pentachlorophenol	0.27	U	0.27	0.070	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Phenanthrene	0.34	U	0.34	0.0060	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1
Pyrene	0.34	U	0.34	0.0085	mg/Kg	☼	03/10/22 01:03	03/10/22 13:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	92		10 - 123	03/10/22 01:03	03/10/22 13:57	1
2-Fluorobiphenyl	88		14 - 103	03/10/22 01:03	03/10/22 13:57	1
2-Fluorophenol (Surr)	84		10 - 105	03/10/22 01:03	03/10/22 13:57	1
Nitrobenzene-d5 (Surr)	86		11 - 104	03/10/22 01:03	03/10/22 13:57	1
Phenol-d5 (Surr)	91		15 - 100	03/10/22 01:03	03/10/22 13:57	1
Terphenyl-d14 (Surr)	96		12 - 126	03/10/22 01:03	03/10/22 13:57	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	☼	03/09/22 17:19	03/10/22 09:44	1
4,4'-DDE	0.0069	U	0.0069	0.00082	mg/Kg	☼	03/09/22 17:19	03/10/22 09:44	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	☼	03/09/22 17:19	03/10/22 09:44	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	03/09/22 17:19	03/10/22 09:44	1
alpha-BHC	0.0021	U	0.0021	0.00070	mg/Kg	☼	03/09/22 17:19	03/10/22 09:44	1
beta-BHC	0.0021	U	0.0021	0.00078	mg/Kg	☼	03/09/22 17:19	03/10/22 09:44	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	☼	03/09/22 17:19	03/10/22 09:44	1
delta-BHC	0.0021	U	0.0021	0.00042	mg/Kg	☼	03/09/22 17:19	03/10/22 09:44	1
Dieldrin	0.0021	U	0.0021	0.00090	mg/Kg	☼	03/09/22 17:19	03/10/22 09:44	1
Endosulfan I	0.0069	U	0.0069	0.0011	mg/Kg	☼	03/09/22 17:19	03/10/22 09:44	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	☼	03/09/22 17:19	03/10/22 09:44	1
Endosulfan sulfate	0.0069	U	0.0069	0.00087	mg/Kg	☼	03/09/22 17:19	03/10/22 09:44	1
Endrin	0.0069	U	0.0069	0.00099	mg/Kg	☼	03/09/22 17:19	03/10/22 09:44	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	☼	03/09/22 17:19	03/10/22 09:44	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	☼	03/09/22 17:19	03/10/22 09:44	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	☼	03/09/22 17:19	03/10/22 09:44	1
Heptachlor	0.0069	U	0.0069	0.00082	mg/Kg	☼	03/09/22 17:19	03/10/22 09:44	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	☼	03/09/22 17:19	03/10/22 09:44	1
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	☼	03/09/22 17:19	03/10/22 09:44	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	☼	03/09/22 17:19	03/10/22 09:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	65		10 - 150	03/09/22 17:19	03/10/22 09:44	1
DCB Decachlorobiphenyl	76		10 - 150	03/09/22 17:19	03/10/22 09:44	1
Tetrachloro-m-xylene	63		10 - 133	03/09/22 17:19	03/10/22 09:44	1
Tetrachloro-m-xylene	59		10 - 133	03/09/22 17:19	03/10/22 09:44	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 15:32	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 15:32	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 15:32	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-10_12-14_20220307

Lab Sample ID: 460-253843-10

Date Collected: 03/07/22 12:50

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 96.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 15:32	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 15:32	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 15:32	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 15:32	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 15:32	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 15:32	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	03/09/22 17:12	03/10/22 15:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	119		37 - 150	03/09/22 17:12	03/10/22 15:32	1
DCB Decachlorobiphenyl	115		37 - 150	03/09/22 17:12	03/10/22 15:32	1
Tetrachloro-m-xylene	113		54 - 150	03/09/22 17:12	03/10/22 15:32	1
Tetrachloro-m-xylene	110		54 - 150	03/09/22 17:12	03/10/22 15:32	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4290		15.6	4.3	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1
Antimony	0.78	U	0.78	0.11	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1
Arsenic	1.0		0.78	0.080	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1
Barium	41.9		1.6	0.11	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1
Beryllium	1.2		0.31	0.044	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1
Cadmium	0.14	J	0.78	0.088	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1
Calcium	1340		78.0	13.8	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1
Chromium	8.8		1.6	0.21	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1
Cobalt	12.7		1.6	0.12	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1
Copper	17.7		1.6	0.29	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1
Iron	23300		46.8	15.8	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1
Lead	2.7		0.47	0.16	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1
Magnesium	2260		78.0	8.0	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1
Manganese	1100		6.2	0.63	mg/Kg	☼	03/11/22 22:15	03/14/22 21:07	2
Nickel	11.4		1.6	0.37	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1
Potassium	1540	B	78.0	9.4	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1
Selenium	0.10	J	0.98	0.10	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1
Silver	0.78	U	0.78	0.069	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1
Sodium	81.1		78.0	35.7	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1
Thallium	0.16	J	0.31	0.032	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1
Vanadium	15.6		1.6	0.16	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1
Zinc	66.8		6.2	2.4	mg/Kg	☼	03/11/22 22:15	03/13/22 20:37	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0079	mg/Kg	☼	03/10/22 03:43	03/10/22 07:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.6		1.0	1.0	%			03/11/22 02:40	1
Percent Solids	96.4		1.0	1.0	%			03/11/22 02:40	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-05_20220307

Lab Sample ID: 460-253843-11

Date Collected: 03/07/22 16:05

Matrix: Water

Date Received: 03/07/22 19:00

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/11/22 03:28	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			03/11/22 03:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/11/22 03:28	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			03/11/22 03:28	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/11/22 03:28	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/11/22 03:28	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/11/22 03:28	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/11/22 03:28	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/11/22 03:28	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/11/22 03:28	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			03/11/22 03:28	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			03/11/22 03:28	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/11/22 03:28	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/11/22 03:28	1
2-Butanone (MEK)	5.0	U *	5.0	1.9	ug/L			03/11/22 03:28	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/11/22 03:28	1
4-Methyl-2-pentanone (MIBK)	5.0	U *	5.0	1.3	ug/L			03/11/22 03:28	1
Acetone	5.0	U	5.0	4.4	ug/L			03/11/22 03:28	1
Benzene	1.0	U	1.0	0.20	ug/L			03/11/22 03:28	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/11/22 03:28	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/11/22 03:28	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/11/22 03:28	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/11/22 03:28	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/11/22 03:28	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/11/22 03:28	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			03/11/22 03:28	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/11/22 03:28	1
Chloroform	1.6		1.0	0.33	ug/L			03/11/22 03:28	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/11/22 03:28	1
cis-1,2-Dichloroethene	2.0		1.0	0.22	ug/L			03/11/22 03:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/11/22 03:28	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/11/22 03:28	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			03/11/22 03:28	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/11/22 03:28	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/11/22 03:28	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/11/22 03:28	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/11/22 03:28	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/11/22 03:28	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/11/22 03:28	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/11/22 03:28	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			03/11/22 03:28	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/11/22 03:28	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/11/22 03:28	1
Styrene	1.0	U	1.0	0.42	ug/L			03/11/22 03:28	1
Tetrachloroethene	25		1.0	0.25	ug/L			03/11/22 03:28	1
Toluene	1.0	U	1.0	0.38	ug/L			03/11/22 03:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/11/22 03:28	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/11/22 03:28	1
Trichloroethene	8.1		1.0	0.31	ug/L			03/11/22 03:28	1

Eurolins Edison

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-05_20220307

Lab Sample ID: 460-253843-11

Date Collected: 03/07/22 16:05

Matrix: Water

Date Received: 03/07/22 19:00

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/11/22 03:28	1
Vinyl chloride	1.0	U *	1.0	0.17	ug/L			03/11/22 03:28	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/11/22 03:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 123		03/11/22 03:28	1
4-Bromofluorobenzene	112		76 - 120		03/11/22 03:28	1
Dibromofluoromethane (Surr)	128	*	77 - 124		03/11/22 03:28	1
Toluene-d8 (Surr)	115		80 - 120		03/11/22 03:28	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	1.2	ug/L		03/09/22 07:36	03/09/22 21:37	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		03/09/22 07:36	03/09/22 21:37	1
1,4-Dioxane	10	U	10	1.6	ug/L		03/09/22 07:36	03/09/22 21:37	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		03/09/22 07:36	03/09/22 21:37	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		03/09/22 07:36	03/09/22 21:37	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		03/09/22 07:36	03/09/22 21:37	1
2,4,6-Trichlorophenol	10	U	10	0.86	ug/L		03/09/22 07:36	03/09/22 21:37	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		03/09/22 07:36	03/09/22 21:37	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		03/09/22 07:36	03/09/22 21:37	1
2,4-Dinitrophenol	20	U	20	2.6	ug/L		03/09/22 07:36	03/09/22 21:37	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		03/09/22 07:36	03/09/22 21:37	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		03/09/22 07:36	03/09/22 21:37	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		03/09/22 07:36	03/09/22 21:37	1
2-Chlorophenol	10	U	10	0.38	ug/L		03/09/22 07:36	03/09/22 21:37	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/09/22 07:36	03/09/22 21:37	1
2-Methylphenol	10	U	10	0.67	ug/L		03/09/22 07:36	03/09/22 21:37	1
2-Nitroaniline	10	U	10	0.47	ug/L		03/09/22 07:36	03/09/22 21:37	1
2-Nitrophenol	10	U	10	0.75	ug/L		03/09/22 07:36	03/09/22 21:37	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		03/09/22 07:36	03/09/22 21:37	1
3-Nitroaniline	10	U	10	1.9	ug/L		03/09/22 07:36	03/09/22 21:37	1
4,6-Dinitro-2-methylphenol	20	U	20	3.0	ug/L		03/09/22 07:36	03/09/22 21:37	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		03/09/22 07:36	03/09/22 21:37	1
4-Chloro-3-methylphenol	10	U	10	0.58	ug/L		03/09/22 07:36	03/09/22 21:37	1
4-Chloroaniline	10	U	10	1.9	ug/L		03/09/22 07:36	03/09/22 21:37	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		03/09/22 07:36	03/09/22 21:37	1
4-Methylphenol	10	U	10	0.65	ug/L		03/09/22 07:36	03/09/22 21:37	1
4-Nitroaniline	10	U	10	1.2	ug/L		03/09/22 07:36	03/09/22 21:37	1
4-Nitrophenol	20	U	20	4.0	ug/L		03/09/22 07:36	03/09/22 21:37	1
Acenaphthene	10	U	10	1.1	ug/L		03/09/22 07:36	03/09/22 21:37	1
Acenaphthylene	10	U	10	0.82	ug/L		03/09/22 07:36	03/09/22 21:37	1
Acetophenone	10	U	10	2.3	ug/L		03/09/22 07:36	03/09/22 21:37	1
Anthracene	10	U	10	1.3	ug/L		03/09/22 07:36	03/09/22 21:37	1
Atrazine	2.0	U *	2.0	1.3	ug/L		03/09/22 07:36	03/09/22 21:37	1
Benzaldehyde	10	U	10	2.1	ug/L		03/09/22 07:36	03/09/22 21:37	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/09/22 07:36	03/09/22 21:37	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/09/22 07:36	03/09/22 21:37	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/09/22 07:36	03/09/22 21:37	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		03/09/22 07:36	03/09/22 21:37	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-05_20220307

Lab Sample ID: 460-253843-11

Date Collected: 03/07/22 16:05

Matrix: Water

Date Received: 03/07/22 19:00

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/09/22 07:36	03/09/22 21:37	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		03/09/22 07:36	03/09/22 21:37	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		03/09/22 07:36	03/09/22 21:37	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		03/09/22 07:36	03/09/22 21:37	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		03/09/22 07:36	03/09/22 21:37	1
Caprolactam	10	U	10	2.2	ug/L		03/09/22 07:36	03/09/22 21:37	1
Carbazole	10	U	10	0.68	ug/L		03/09/22 07:36	03/09/22 21:37	1
Chrysene	2.0	U	2.0	0.91	ug/L		03/09/22 07:36	03/09/22 21:37	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/09/22 07:36	03/09/22 21:37	1
Dibenzofuran	10	U	10	1.1	ug/L		03/09/22 07:36	03/09/22 21:37	1
Diethyl phthalate	10	U	10	0.98	ug/L		03/09/22 07:36	03/09/22 21:37	1
Dimethyl phthalate	10	U	10	0.77	ug/L		03/09/22 07:36	03/09/22 21:37	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		03/09/22 07:36	03/09/22 21:37	1
Di-n-octyl phthalate	10	U	10	0.75	ug/L		03/09/22 07:36	03/09/22 21:37	1
Fluoranthene	10	U	10	0.84	ug/L		03/09/22 07:36	03/09/22 21:37	1
Fluorene	10	U	10	0.91	ug/L		03/09/22 07:36	03/09/22 21:37	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		03/09/22 07:36	03/09/22 21:37	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		03/09/22 07:36	03/09/22 21:37	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		03/09/22 07:36	03/09/22 21:37	1
Hexachloroethane	2.0	U	2.0	0.80	ug/L		03/09/22 07:36	03/09/22 21:37	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/09/22 07:36	03/09/22 21:37	1
Isophorone	10	U	10	0.80	ug/L		03/09/22 07:36	03/09/22 21:37	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/09/22 07:36	03/09/22 21:37	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		03/09/22 07:36	03/09/22 21:37	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		03/09/22 07:36	03/09/22 21:37	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		03/09/22 07:36	03/09/22 21:37	1
Pentachlorophenol	20	U	20	1.4	ug/L		03/09/22 07:36	03/09/22 21:37	1
Phenanthrene	10	U	10	1.3	ug/L		03/09/22 07:36	03/09/22 21:37	1
Phenol	10	U	10	0.29	ug/L		03/09/22 07:36	03/09/22 21:37	1
Pyrene	10	U	10	1.6	ug/L		03/09/22 07:36	03/09/22 21:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	102		33 - 150	03/09/22 07:36	03/09/22 21:37	1
2-Fluorobiphenyl	95		42 - 127	03/09/22 07:36	03/09/22 21:37	1
2-Fluorophenol (Surr)	57		18 - 72	03/09/22 07:36	03/09/22 21:37	1
Nitrobenzene-d5 (Surr)	104		46 - 137	03/09/22 07:36	03/09/22 21:37	1
Phenol-d5 (Surr)	38		10 - 50	03/09/22 07:36	03/09/22 21:37	1
Terphenyl-d14 (Surr)	85		39 - 150	03/09/22 07:36	03/09/22 21:37	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		03/09/22 09:09	03/09/22 19:59	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		03/09/22 09:09	03/09/22 19:59	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		03/09/22 09:09	03/09/22 19:59	1
Aldrin	0.020	U	0.020	0.0030	ug/L		03/09/22 09:09	03/09/22 19:59	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		03/09/22 09:09	03/09/22 19:59	1
beta-BHC	0.020	U	0.020	0.015	ug/L		03/09/22 09:09	03/09/22 19:59	1
Chlordane (technical)	0.50	U	0.50	0.055	ug/L		03/09/22 09:09	03/09/22 19:59	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		03/09/22 09:09	03/09/22 19:59	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		03/09/22 09:09	03/09/22 19:59	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-05_20220307

Lab Sample ID: 460-253843-11

Date Collected: 03/07/22 16:05

Matrix: Water

Date Received: 03/07/22 19:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	0.020	U	0.020	0.0020	ug/L		03/09/22 09:09	03/09/22 19:59	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		03/09/22 09:09	03/09/22 19:59	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		03/09/22 09:09	03/09/22 19:59	1
Endrin	0.020	U	0.020	0.0040	ug/L		03/09/22 09:09	03/09/22 19:59	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		03/09/22 09:09	03/09/22 19:59	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		03/09/22 09:09	03/09/22 19:59	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		03/09/22 09:09	03/09/22 19:59	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		03/09/22 09:09	03/09/22 19:59	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		03/09/22 09:09	03/09/22 19:59	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		03/09/22 09:09	03/09/22 19:59	1
Toxaphene	0.50	U	0.50	0.11	ug/L		03/09/22 09:09	03/09/22 19:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	96		10 - 150	03/09/22 09:09	03/09/22 19:59	1
DCB Decachlorobiphenyl	92		10 - 150	03/09/22 09:09	03/09/22 19:59	1
Tetrachloro-m-xylene	85		10 - 150	03/09/22 09:09	03/09/22 19:59	1
Tetrachloro-m-xylene	74		10 - 150	03/09/22 09:09	03/09/22 19:59	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 20:42	1
Aroclor 1221	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 20:42	1
Aroclor 1232	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 20:42	1
Aroclor 1242	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 20:42	1
Aroclor 1248	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 20:42	1
Aroclor 1254	0.40	U	0.40	0.11	ug/L		03/09/22 09:16	03/09/22 20:42	1
Aroclor 1260	0.40	U	0.40	0.11	ug/L		03/09/22 09:16	03/09/22 20:42	1
Aroclor 1268	0.40	U	0.40	0.11	ug/L		03/09/22 09:16	03/09/22 20:42	1
Aroclor-1262	0.40	U	0.40	0.11	ug/L		03/09/22 09:16	03/09/22 20:42	1
Polychlorinated biphenyls, Total	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 20:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	84		10 - 138	03/09/22 09:16	03/09/22 20:42	1
DCB Decachlorobiphenyl	82		10 - 138	03/09/22 09:16	03/09/22 20:42	1
Tetrachloro-m-xylene	71		10 - 150	03/09/22 09:16	03/09/22 20:42	1
Tetrachloro-m-xylene	70		10 - 150	03/09/22 09:16	03/09/22 20:42	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	55.5		40.0	19.5	ug/L		03/11/22 19:40	03/13/22 14:51	1
Antimony	2.0	U	2.0	0.76	ug/L		03/11/22 19:40	03/13/22 14:51	1
Arsenic	2.0	U	2.0	0.89	ug/L		03/11/22 19:40	03/13/22 14:51	1
Barium	145		4.0	0.91	ug/L		03/11/22 19:40	03/13/22 14:51	1
Beryllium	0.80	U	0.80	0.13	ug/L		03/11/22 19:40	03/13/22 14:51	1
Cadmium	2.0	U	2.0	0.39	ug/L		03/11/22 19:40	03/13/22 14:51	1
Calcium	154000		500	53.6	ug/L		03/11/22 19:40	03/13/22 14:51	1
Chromium	3.8	J	4.0	2.5	ug/L		03/11/22 19:40	03/13/22 14:51	1
Cobalt	1.6	J	4.0	0.71	ug/L		03/11/22 19:40	03/13/22 14:51	1
Copper	8.8		4.0	2.5	ug/L		03/11/22 19:40	03/13/22 14:51	1
Iron	120	U	120	58.2	ug/L		03/11/22 19:40	03/13/22 14:51	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-05_20220307

Lab Sample ID: 460-253843-11

Date Collected: 03/07/22 16:05

Matrix: Water

Date Received: 03/07/22 19:00

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.2	U	1.2	0.84	ug/L		03/11/22 19:40	03/13/22 14:51	1
Magnesium	55900		200	46.9	ug/L		03/11/22 19:40	03/13/22 14:51	1
Manganese	32.6		8.0	1.5	ug/L		03/11/22 19:40	03/13/22 14:51	1
Nickel	9.0		4.0	0.91	ug/L		03/11/22 19:40	03/13/22 14:51	1
Potassium	6230		200	112	ug/L		03/11/22 19:40	03/13/22 14:51	1
Selenium	2.5		2.5	0.59	ug/L		03/11/22 19:40	03/13/22 14:51	1
Silver	2.0	U	2.0	0.29	ug/L		03/11/22 19:40	03/13/22 14:51	1
Sodium	181000		500	163	ug/L		03/11/22 19:40	03/13/22 14:51	1
Thallium	0.80	U	0.80	0.21	ug/L		03/11/22 19:40	03/13/22 14:51	1
Vanadium	4.0	U	4.0	0.68	ug/L		03/11/22 19:40	03/13/22 14:51	1
Zinc	15.3	J	16.0	6.5	ug/L		03/11/22 19:40	03/13/22 14:51	1

Method: 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	67.4		40.0	19.5	ug/L		03/10/22 01:30	03/10/22 03:32	1
Antimony	2.0	U	2.0	0.76	ug/L		03/10/22 01:30	03/10/22 03:32	1
Arsenic	2.0	U	2.0	0.89	ug/L		03/10/22 01:30	03/10/22 03:32	1
Barium	137		4.0	0.91	ug/L		03/10/22 01:30	03/10/22 03:32	1
Beryllium	0.80	U	0.80	0.13	ug/L		03/10/22 01:30	03/10/22 03:32	1
Cadmium	2.0	U	2.0	0.39	ug/L		03/10/22 01:30	03/10/22 03:32	1
Calcium	155000		500	53.6	ug/L		03/10/22 01:30	03/10/22 03:32	1
Chromium	4.0	U	4.0	2.5	ug/L		03/10/22 01:30	03/10/22 03:32	1
Cobalt	1.6	J	4.0	0.71	ug/L		03/10/22 01:30	03/10/22 03:32	1
Copper	4.1		4.0	2.5	ug/L		03/10/22 01:30	03/10/22 03:32	1
Iron	102	J	120	58.2	ug/L		03/10/22 01:30	03/10/22 03:32	1
Lead	1.2	U	1.2	0.84	ug/L		03/10/22 01:30	03/10/22 03:32	1
Magnesium	53200		200	46.9	ug/L		03/10/22 01:30	03/10/22 03:32	1
Manganese	33.4		8.0	1.5	ug/L		03/10/22 01:30	03/10/22 03:32	1
Nickel	8.3		4.0	0.91	ug/L		03/10/22 01:30	03/10/22 03:32	1
Potassium	6050		200	112	ug/L		03/10/22 01:30	03/10/22 03:32	1
Selenium	2.9		2.5	0.59	ug/L		03/10/22 01:30	03/10/22 03:32	1
Silver	2.0	U N	2.0	0.29	ug/L		03/10/22 01:30	03/10/22 03:32	1
Sodium	165000		500	163	ug/L		03/10/22 01:30	03/10/22 03:32	1
Thallium	0.80	U	0.80	0.21	ug/L		03/10/22 01:30	03/10/22 03:32	1
Vanadium	4.0	U	4.0	0.68	ug/L		03/10/22 01:30	03/10/22 03:32	1
Zinc	16.0	U	16.0	6.5	ug/L		03/10/22 01:30	03/10/22 03:32	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		03/10/22 11:51	03/10/22 15:08	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		03/10/22 14:22	03/10/22 15:54	1

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-06_20220307

Lab Sample ID: 460-253843-12

Date Collected: 03/07/22 15:10

Matrix: Water

Date Received: 03/07/22 19:00

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/11/22 04:09	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			03/11/22 04:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/11/22 04:09	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			03/11/22 04:09	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/11/22 04:09	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/11/22 04:09	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/11/22 04:09	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/11/22 04:09	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/11/22 04:09	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/11/22 04:09	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			03/11/22 04:09	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			03/11/22 04:09	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/11/22 04:09	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/11/22 04:09	1
2-Butanone (MEK)	5.0	U *	5.0	1.9	ug/L			03/11/22 04:09	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/11/22 04:09	1
4-Methyl-2-pentanone (MIBK)	5.0	U *	5.0	1.3	ug/L			03/11/22 04:09	1
Acetone	5.0	U	5.0	4.4	ug/L			03/11/22 04:09	1
Benzene	1.0	U	1.0	0.20	ug/L			03/11/22 04:09	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/11/22 04:09	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/11/22 04:09	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/11/22 04:09	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/11/22 04:09	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/11/22 04:09	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/11/22 04:09	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			03/11/22 04:09	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/11/22 04:09	1
Chloroform	3.0		1.0	0.33	ug/L			03/11/22 04:09	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/11/22 04:09	1
cis-1,2-Dichloroethene	3.9		1.0	0.22	ug/L			03/11/22 04:09	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/11/22 04:09	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/11/22 04:09	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			03/11/22 04:09	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/11/22 04:09	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/11/22 04:09	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/11/22 04:09	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/11/22 04:09	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/11/22 04:09	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/11/22 04:09	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/11/22 04:09	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			03/11/22 04:09	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/11/22 04:09	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/11/22 04:09	1
Styrene	1.0	U	1.0	0.42	ug/L			03/11/22 04:09	1
Tetrachloroethene	93		1.0	0.25	ug/L			03/11/22 04:09	1
Toluene	1.0	U	1.0	0.38	ug/L			03/11/22 04:09	1
trans-1,2-Dichloroethene	0.28	J	1.0	0.24	ug/L			03/11/22 04:09	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/11/22 04:09	1
Trichloroethene	20		1.0	0.31	ug/L			03/11/22 04:09	1

Eurolins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-06_20220307

Lab Sample ID: 460-253843-12

Date Collected: 03/07/22 15:10

Matrix: Water

Date Received: 03/07/22 19:00

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/11/22 04:09	1
Vinyl chloride	1.0	U *	1.0	0.17	ug/L			03/11/22 04:09	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/11/22 04:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 123		03/11/22 04:09	1
4-Bromofluorobenzene	108		76 - 120		03/11/22 04:09	1
Dibromofluoromethane (Surr)	130	*	77 - 124		03/11/22 04:09	1
Toluene-d8 (Surr)	115		80 - 120		03/11/22 04:09	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	1.2	ug/L		03/09/22 07:36	03/09/22 21:58	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		03/09/22 07:36	03/09/22 21:58	1
1,4-Dioxane	10	U	10	1.6	ug/L		03/09/22 07:36	03/09/22 21:58	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		03/09/22 07:36	03/09/22 21:58	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		03/09/22 07:36	03/09/22 21:58	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		03/09/22 07:36	03/09/22 21:58	1
2,4,6-Trichlorophenol	10	U	10	0.86	ug/L		03/09/22 07:36	03/09/22 21:58	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		03/09/22 07:36	03/09/22 21:58	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		03/09/22 07:36	03/09/22 21:58	1
2,4-Dinitrophenol	20	U	20	2.6	ug/L		03/09/22 07:36	03/09/22 21:58	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		03/09/22 07:36	03/09/22 21:58	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		03/09/22 07:36	03/09/22 21:58	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		03/09/22 07:36	03/09/22 21:58	1
2-Chlorophenol	10	U	10	0.38	ug/L		03/09/22 07:36	03/09/22 21:58	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/09/22 07:36	03/09/22 21:58	1
2-Methylphenol	10	U	10	0.67	ug/L		03/09/22 07:36	03/09/22 21:58	1
2-Nitroaniline	10	U	10	0.47	ug/L		03/09/22 07:36	03/09/22 21:58	1
2-Nitrophenol	10	U	10	0.75	ug/L		03/09/22 07:36	03/09/22 21:58	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		03/09/22 07:36	03/09/22 21:58	1
3-Nitroaniline	10	U	10	1.9	ug/L		03/09/22 07:36	03/09/22 21:58	1
4,6-Dinitro-2-methylphenol	20	U	20	3.0	ug/L		03/09/22 07:36	03/09/22 21:58	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		03/09/22 07:36	03/09/22 21:58	1
4-Chloro-3-methylphenol	10	U	10	0.58	ug/L		03/09/22 07:36	03/09/22 21:58	1
4-Chloroaniline	10	U	10	1.9	ug/L		03/09/22 07:36	03/09/22 21:58	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		03/09/22 07:36	03/09/22 21:58	1
4-Methylphenol	10	U	10	0.65	ug/L		03/09/22 07:36	03/09/22 21:58	1
4-Nitroaniline	10	U	10	1.2	ug/L		03/09/22 07:36	03/09/22 21:58	1
4-Nitrophenol	20	U	20	4.0	ug/L		03/09/22 07:36	03/09/22 21:58	1
Acenaphthene	10	U	10	1.1	ug/L		03/09/22 07:36	03/09/22 21:58	1
Acenaphthylene	10	U	10	0.82	ug/L		03/09/22 07:36	03/09/22 21:58	1
Acetophenone	10	U	10	2.3	ug/L		03/09/22 07:36	03/09/22 21:58	1
Anthracene	10	U	10	1.3	ug/L		03/09/22 07:36	03/09/22 21:58	1
Atrazine	2.0	U *	2.0	1.3	ug/L		03/09/22 07:36	03/09/22 21:58	1
Benzaldehyde	10	U	10	2.1	ug/L		03/09/22 07:36	03/09/22 21:58	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/09/22 07:36	03/09/22 21:58	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/09/22 07:36	03/09/22 21:58	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/09/22 07:36	03/09/22 21:58	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		03/09/22 07:36	03/09/22 21:58	1

Eurolins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-06_20220307

Lab Sample ID: 460-253843-12

Date Collected: 03/07/22 15:10

Matrix: Water

Date Received: 03/07/22 19:00

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/09/22 07:36	03/09/22 21:58	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		03/09/22 07:36	03/09/22 21:58	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		03/09/22 07:36	03/09/22 21:58	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		03/09/22 07:36	03/09/22 21:58	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		03/09/22 07:36	03/09/22 21:58	1
Caprolactam	10	U	10	2.2	ug/L		03/09/22 07:36	03/09/22 21:58	1
Carbazole	10	U	10	0.68	ug/L		03/09/22 07:36	03/09/22 21:58	1
Chrysene	2.0	U	2.0	0.91	ug/L		03/09/22 07:36	03/09/22 21:58	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/09/22 07:36	03/09/22 21:58	1
Dibenzofuran	10	U	10	1.1	ug/L		03/09/22 07:36	03/09/22 21:58	1
Diethyl phthalate	10	U	10	0.98	ug/L		03/09/22 07:36	03/09/22 21:58	1
Dimethyl phthalate	10	U	10	0.77	ug/L		03/09/22 07:36	03/09/22 21:58	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		03/09/22 07:36	03/09/22 21:58	1
Di-n-octyl phthalate	10	U	10	0.75	ug/L		03/09/22 07:36	03/09/22 21:58	1
Fluoranthene	10	U	10	0.84	ug/L		03/09/22 07:36	03/09/22 21:58	1
Fluorene	10	U	10	0.91	ug/L		03/09/22 07:36	03/09/22 21:58	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		03/09/22 07:36	03/09/22 21:58	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		03/09/22 07:36	03/09/22 21:58	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		03/09/22 07:36	03/09/22 21:58	1
Hexachloroethane	2.0	U	2.0	0.80	ug/L		03/09/22 07:36	03/09/22 21:58	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/09/22 07:36	03/09/22 21:58	1
Isophorone	10	U	10	0.80	ug/L		03/09/22 07:36	03/09/22 21:58	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/09/22 07:36	03/09/22 21:58	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		03/09/22 07:36	03/09/22 21:58	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		03/09/22 07:36	03/09/22 21:58	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		03/09/22 07:36	03/09/22 21:58	1
Pentachlorophenol	20	U	20	1.4	ug/L		03/09/22 07:36	03/09/22 21:58	1
Phenanthrene	10	U	10	1.3	ug/L		03/09/22 07:36	03/09/22 21:58	1
Phenol	10	U	10	0.29	ug/L		03/09/22 07:36	03/09/22 21:58	1
Pyrene	10	U	10	1.6	ug/L		03/09/22 07:36	03/09/22 21:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	87		33 - 150	03/09/22 07:36	03/09/22 21:58	1
2-Fluorobiphenyl	86		42 - 127	03/09/22 07:36	03/09/22 21:58	1
2-Fluorophenol (Surr)	51		18 - 72	03/09/22 07:36	03/09/22 21:58	1
Nitrobenzene-d5 (Surr)	92		46 - 137	03/09/22 07:36	03/09/22 21:58	1
Phenol-d5 (Surr)	34		10 - 50	03/09/22 07:36	03/09/22 21:58	1
Terphenyl-d14 (Surr)	76		39 - 150	03/09/22 07:36	03/09/22 21:58	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		03/09/22 09:09	03/09/22 20:14	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		03/09/22 09:09	03/09/22 20:14	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		03/09/22 09:09	03/09/22 20:14	1
Aldrin	0.020	U	0.020	0.0030	ug/L		03/09/22 09:09	03/09/22 20:14	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		03/09/22 09:09	03/09/22 20:14	1
beta-BHC	0.020	U	0.020	0.015	ug/L		03/09/22 09:09	03/09/22 20:14	1
Chlordane (technical)	0.50	U	0.50	0.055	ug/L		03/09/22 09:09	03/09/22 20:14	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		03/09/22 09:09	03/09/22 20:14	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		03/09/22 09:09	03/09/22 20:14	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-06_20220307

Lab Sample ID: 460-253843-12

Date Collected: 03/07/22 15:10

Matrix: Water

Date Received: 03/07/22 19:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	0.020	U	0.020	0.0020	ug/L		03/09/22 09:09	03/09/22 20:14	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		03/09/22 09:09	03/09/22 20:14	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		03/09/22 09:09	03/09/22 20:14	1
Endrin	0.020	U	0.020	0.0040	ug/L		03/09/22 09:09	03/09/22 20:14	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		03/09/22 09:09	03/09/22 20:14	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		03/09/22 09:09	03/09/22 20:14	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		03/09/22 09:09	03/09/22 20:14	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		03/09/22 09:09	03/09/22 20:14	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		03/09/22 09:09	03/09/22 20:14	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		03/09/22 09:09	03/09/22 20:14	1
Toxaphene	0.50	U	0.50	0.11	ug/L		03/09/22 09:09	03/09/22 20:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	96		10 - 150	03/09/22 09:09	03/09/22 20:14	1
DCB Decachlorobiphenyl	92		10 - 150	03/09/22 09:09	03/09/22 20:14	1
Tetrachloro-m-xylene	84		10 - 150	03/09/22 09:09	03/09/22 20:14	1
Tetrachloro-m-xylene	76		10 - 150	03/09/22 09:09	03/09/22 20:14	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 20:59	1
Aroclor 1221	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 20:59	1
Aroclor 1232	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 20:59	1
Aroclor 1242	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 20:59	1
Aroclor 1248	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 20:59	1
Aroclor 1254	0.40	U	0.40	0.11	ug/L		03/09/22 09:16	03/09/22 20:59	1
Aroclor 1260	0.40	U	0.40	0.11	ug/L		03/09/22 09:16	03/09/22 20:59	1
Aroclor 1268	0.40	U	0.40	0.11	ug/L		03/09/22 09:16	03/09/22 20:59	1
Aroclor-1262	0.40	U	0.40	0.11	ug/L		03/09/22 09:16	03/09/22 20:59	1
Polychlorinated biphenyls, Total	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 20:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	100		10 - 138	03/09/22 09:16	03/09/22 20:59	1
DCB Decachlorobiphenyl	99		10 - 138	03/09/22 09:16	03/09/22 20:59	1
Tetrachloro-m-xylene	85		10 - 150	03/09/22 09:16	03/09/22 20:59	1
Tetrachloro-m-xylene	84		10 - 150	03/09/22 09:16	03/09/22 20:59	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	188		40.0	19.5	ug/L		03/11/22 19:40	03/13/22 14:53	1
Antimony	2.0	U	2.0	0.76	ug/L		03/11/22 19:40	03/13/22 14:53	1
Arsenic	2.0	U	2.0	0.89	ug/L		03/11/22 19:40	03/13/22 14:53	1
Barium	111		4.0	0.91	ug/L		03/11/22 19:40	03/13/22 14:53	1
Beryllium	0.80	U	0.80	0.13	ug/L		03/11/22 19:40	03/13/22 14:53	1
Cadmium	2.0	U	2.0	0.39	ug/L		03/11/22 19:40	03/13/22 14:53	1
Calcium	147000		500	53.6	ug/L		03/11/22 19:40	03/13/22 14:53	1
Chromium	41.4		4.0	2.5	ug/L		03/11/22 19:40	03/13/22 14:53	1
Cobalt	2.7	J	4.0	0.71	ug/L		03/11/22 19:40	03/13/22 14:53	1
Copper	3.3	J	4.0	2.5	ug/L		03/11/22 19:40	03/13/22 14:53	1
Iron	441		120	58.2	ug/L		03/11/22 19:40	03/13/22 14:53	1

Eurolins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-06_20220307

Lab Sample ID: 460-253843-12

Date Collected: 03/07/22 15:10

Matrix: Water

Date Received: 03/07/22 19:00

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.2	U	1.2	0.84	ug/L		03/11/22 19:40	03/13/22 14:53	1
Magnesium	55300		200	46.9	ug/L		03/11/22 19:40	03/13/22 14:53	1
Manganese	139		8.0	1.5	ug/L		03/11/22 19:40	03/13/22 14:53	1
Nickel	5.1		4.0	0.91	ug/L		03/11/22 19:40	03/13/22 14:53	1
Potassium	5400		200	112	ug/L		03/11/22 19:40	03/13/22 14:53	1
Selenium	4.4		2.5	0.59	ug/L		03/11/22 19:40	03/13/22 14:53	1
Silver	2.0	U	2.0	0.29	ug/L		03/11/22 19:40	03/13/22 14:53	1
Sodium	149000		500	163	ug/L		03/11/22 19:40	03/13/22 14:53	1
Thallium	0.80	U	0.80	0.21	ug/L		03/11/22 19:40	03/13/22 14:53	1
Vanadium	4.0	U	4.0	0.68	ug/L		03/11/22 19:40	03/13/22 14:53	1
Zinc	16.0	U	16.0	6.5	ug/L		03/11/22 19:40	03/13/22 14:53	1

Method: 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	19.5	ug/L		03/10/22 01:30	03/10/22 03:41	1
Antimony	2.0	U	2.0	0.76	ug/L		03/10/22 01:30	03/10/22 03:41	1
Arsenic	2.0	U	2.0	0.89	ug/L		03/10/22 01:30	03/10/22 03:41	1
Barium	100		4.0	0.91	ug/L		03/10/22 01:30	03/10/22 03:41	1
Beryllium	0.80	U	0.80	0.13	ug/L		03/10/22 01:30	03/10/22 03:41	1
Cadmium	2.0	U	2.0	0.39	ug/L		03/10/22 01:30	03/10/22 03:41	1
Calcium	143000		500	53.6	ug/L		03/10/22 01:30	03/10/22 03:41	1
Chromium	38.1		4.0	2.5	ug/L		03/10/22 01:30	03/10/22 03:41	1
Cobalt	1.9	J	4.0	0.71	ug/L		03/10/22 01:30	03/10/22 03:41	1
Copper	4.0	U	4.0	2.5	ug/L		03/10/22 01:30	03/10/22 03:41	1
Iron	120	U	120	58.2	ug/L		03/10/22 01:30	03/10/22 03:41	1
Lead	1.2	U	1.2	0.84	ug/L		03/10/22 01:30	03/10/22 03:41	1
Magnesium	53000		200	46.9	ug/L		03/10/22 01:30	03/10/22 03:41	1
Manganese	64.7		8.0	1.5	ug/L		03/10/22 01:30	03/10/22 03:41	1
Nickel	2.8	J	4.0	0.91	ug/L		03/10/22 01:30	03/10/22 03:41	1
Potassium	5230		200	112	ug/L		03/10/22 01:30	03/10/22 03:41	1
Selenium	4.7		2.5	0.59	ug/L		03/10/22 01:30	03/10/22 03:41	1
Silver	2.0	U N	2.0	0.29	ug/L		03/10/22 01:30	03/10/22 03:41	1
Sodium	139000		500	163	ug/L		03/10/22 01:30	03/10/22 03:41	1
Thallium	0.80	U	0.80	0.21	ug/L		03/10/22 01:30	03/10/22 03:41	1
Vanadium	4.0	U	4.0	0.68	ug/L		03/10/22 01:30	03/10/22 03:41	1
Zinc	16.0	U	16.0	6.5	ug/L		03/10/22 01:30	03/10/22 03:41	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		03/10/22 11:51	03/10/22 15:10	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		03/10/22 14:22	03/10/22 16:18	1

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TB_20220307

Lab Sample ID: 460-253843-13

Date Collected: 03/07/22 16:00

Matrix: Water

Date Received: 03/07/22 19:00

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/10/22 19:51	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			03/10/22 19:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/10/22 19:51	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			03/10/22 19:51	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/10/22 19:51	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/10/22 19:51	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/10/22 19:51	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/10/22 19:51	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/10/22 19:51	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/10/22 19:51	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			03/10/22 19:51	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			03/10/22 19:51	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/10/22 19:51	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/10/22 19:51	1
2-Butanone (MEK)	5.0	U *	5.0	1.9	ug/L			03/10/22 19:51	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/10/22 19:51	1
4-Methyl-2-pentanone (MIBK)	5.0	U *	5.0	1.3	ug/L			03/10/22 19:51	1
Acetone	5.0	U	5.0	4.4	ug/L			03/10/22 19:51	1
Benzene	1.0	U	1.0	0.20	ug/L			03/10/22 19:51	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/10/22 19:51	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/10/22 19:51	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/10/22 19:51	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/10/22 19:51	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/10/22 19:51	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/10/22 19:51	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			03/10/22 19:51	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/10/22 19:51	1
Chloroform	1.0	U	1.0	0.33	ug/L			03/10/22 19:51	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/10/22 19:51	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			03/10/22 19:51	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/10/22 19:51	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/10/22 19:51	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			03/10/22 19:51	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/10/22 19:51	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/10/22 19:51	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/10/22 19:51	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/10/22 19:51	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/10/22 19:51	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/10/22 19:51	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/10/22 19:51	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			03/10/22 19:51	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/10/22 19:51	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/10/22 19:51	1
Styrene	1.0	U	1.0	0.42	ug/L			03/10/22 19:51	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			03/10/22 19:51	1
Toluene	1.0	U	1.0	0.38	ug/L			03/10/22 19:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/10/22 19:51	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/10/22 19:51	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			03/10/22 19:51	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TB_20220307

Lab Sample ID: 460-253843-13

Date Collected: 03/07/22 16:00

Matrix: Water

Date Received: 03/07/22 19:00

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/10/22 19:51	1
Vinyl chloride	1.0	U *	1.0	0.17	ug/L			03/10/22 19:51	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/10/22 19:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		75 - 123					03/10/22 19:51	1
4-Bromofluorobenzene	109		76 - 120					03/10/22 19:51	1
Dibromofluoromethane (Surr)	126	*	77 - 124					03/10/22 19:51	1
Toluene-d8 (Surr)	112		80 - 120					03/10/22 19:51	1

Client Sample ID: SB-01_1-3_20220308

Lab Sample ID: 460-253911-1

Date Collected: 03/08/22 08:00

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 86.1

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00025	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00028	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
Acetone	0.0073	U	0.0073	0.0070	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
Benzene	0.0012	U *	0.0012	0.00032	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
Chlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
Chlorobromomethane	0.0012	U	0.0012	0.00034	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
Chlorodibromomethane	0.0012	U	0.0012	0.00024	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	✱	03/09/22 21:05	03/11/22 15:08	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-01_1-3_20220308

Lab Sample ID: 460-253911-1

Date Collected: 03/08/22 08:00

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 86.1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.0012	U	0.0012	0.00024	mg/Kg	☼	03/09/22 21:05	03/11/22 15:08	1
Ethylene Dibromide	0.0012	U	0.0012	0.00022	mg/Kg	☼	03/09/22 21:05	03/11/22 15:08	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	03/09/22 21:05	03/11/22 15:08	1
Methyl acetate	0.0061	U	0.0061	0.0053	mg/Kg	☼	03/09/22 21:05	03/11/22 15:08	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	☼	03/09/22 21:05	03/11/22 15:08	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	☼	03/09/22 21:05	03/11/22 15:08	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	03/09/22 21:05	03/11/22 15:08	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021	mg/Kg	☼	03/09/22 21:05	03/11/22 15:08	1
o-Xylene	0.0012	U	0.0012	0.00024	mg/Kg	☼	03/09/22 21:05	03/11/22 15:08	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	☼	03/09/22 21:05	03/11/22 15:08	1
Tetrachloroethene	0.0013		0.0012	0.00037	mg/Kg	☼	03/09/22 21:05	03/11/22 15:08	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	03/09/22 21:05	03/11/22 15:08	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	☼	03/09/22 21:05	03/11/22 15:08	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	03/09/22 21:05	03/11/22 15:08	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	☼	03/09/22 21:05	03/11/22 15:08	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	☼	03/09/22 21:05	03/11/22 15:08	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	☼	03/09/22 21:05	03/11/22 15:08	1
Xylenes, Total	0.0024	U	0.0024	0.00079	mg/Kg	☼	03/09/22 21:05	03/11/22 15:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		77 - 145				03/09/22 21:05	03/11/22 15:08	1
4-Bromofluorobenzene	95		70 - 139				03/09/22 21:05	03/11/22 15:08	1
Dibromofluoromethane (Surr)	102		48 - 150				03/09/22 21:05	03/11/22 15:08	1
Toluene-d8 (Surr)	85		80 - 120				03/09/22 21:05	03/11/22 15:08	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.38	U	0.38	0.0051	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
1,2,4,5-Tetrachlorobenzene	0.38	U	0.38	0.012	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
1,4-Dioxane	0.038	U	0.038	0.034	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
2,2'-oxybis[1-chloropropane]	0.38	U	0.38	0.0069	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
2,3,4,6-Tetrachlorophenol	0.38	U	0.38	0.026	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
2,4,5-Trichlorophenol	0.38	U	0.38	0.039	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.049	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
2,4-Dichlorophenol	0.15	U	0.15	0.025	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
2,4-Dimethylphenol	0.38	U	0.38	0.017	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
2,4-Dinitrophenol	0.31	U	0.31	0.19	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
2,4-Dinitrotoluene	0.078	U	0.078	0.041	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
2,6-Dinitrotoluene	0.078	U	0.078	0.028	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
2-Chloronaphthalene	0.38	U	0.38	0.018	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
2-Chlorophenol	0.38	U	0.38	0.014	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
2-Methylnaphthalene	0.38	U	0.38	0.011	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
2-Methylphenol	0.38	U	0.38	0.014	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
2-Nitroaniline	0.38	U	0.38	0.014	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
2-Nitrophenol	0.38	U	0.38	0.038	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.058	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
3-Nitroaniline	0.38	U	0.38	0.043	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
4,6-Dinitro-2-methylphenol	0.31	U	0.31	0.16	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
4-Bromophenyl phenyl ether	0.38	U	0.38	0.015	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1
4-Chloro-3-methylphenol	0.38	U	0.38	0.022	mg/Kg	☼	03/10/22 01:16	03/11/22 04:49	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-01_1-3_20220308

Lab Sample ID: 460-253911-1

Date Collected: 03/08/22 08:00

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 86.1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	0.38	U	0.38	0.068	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
4-Chlorophenyl phenyl ether	0.38	U	0.38	0.014	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
4-Methylphenol	0.38	U	0.38	0.024	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
4-Nitroaniline	0.38	U	0.38	0.044	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
4-Nitrophenol	0.78	U	0.78	0.063	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Acenaphthene	0.012	J	0.38	0.011	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Acenaphthylene	0.079	J	0.38	0.0039	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Acetophenone	0.38	U	0.38	0.019	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Anthracene	0.043	J	0.38	0.012	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Atrazine	0.15	U	0.15	0.023	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Benzaldehyde	0.38	U	0.38	0.063	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Benzo[a]anthracene	0.30		0.038	0.013	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Benzo[a]pyrene	0.30		0.038	0.010	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Benzo[b]fluoranthene	0.42		0.038	0.0099	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Benzo[g,h,i]perylene	0.22	J	0.38	0.011	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Benzo[k]fluoranthene	0.14		0.038	0.0075	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Bis(2-chloroethoxy)methane	0.38	U	0.38	0.030	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Bis(2-chloroethyl)ether	0.038	U	0.038	0.013	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Bis(2-ethylhexyl) phthalate	0.036	J	0.38	0.020	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Butyl benzyl phthalate	0.38	U	0.38	0.018	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Caprolactam	0.38	U	0.38	0.060	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Carbazole	0.016	J	0.38	0.015	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Chrysene	0.30	J	0.38	0.0065	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Dibenz(a,h)anthracene	0.065		0.038	0.017	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Dibenzofuran	0.0080	J	0.38	0.0054	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Diethyl phthalate	0.38	U	0.38	0.0056	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Dimethyl phthalate	0.38	U	0.38	0.087	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Di-n-butyl phthalate	0.38	U	0.38	0.014	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Di-n-octyl phthalate	0.38	U	0.38	0.020	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Fluoranthene	0.47		0.38	0.013	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Fluorene	0.38	U	0.38	0.0052	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Hexachlorobenzene	0.038	U	0.038	0.018	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Hexachlorobutadiene	0.078	U	0.078	0.0082	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Hexachlorocyclopentadiene	0.38	U	0.38	0.034	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Hexachloroethane	0.038	U	0.038	0.013	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Indeno[1,2,3-cd]pyrene	0.26		0.038	0.015	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Naphthalene	0.015	J	0.38	0.0066	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Nitrobenzene	0.038	U	0.038	0.0092	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
N-Nitrosodi-n-propylamine	0.038	U	0.038	0.028	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
N-Nitrosodiphenylamine	0.38	U	0.38	0.032	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Pentachlorophenol	0.31	U	0.31	0.079	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Phenanthrene	0.15	J	0.38	0.0067	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Phenol	0.38	U	0.38	0.014	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Pyrene	0.57		0.38	0.0095	mg/Kg	✳	03/10/22 01:16	03/11/22 04:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	54		10 - 123				03/10/22 01:16	03/11/22 04:49	1
2-Fluorobiphenyl	60		14 - 103				03/10/22 01:16	03/11/22 04:49	1
2-Fluorophenol (Surr)	56		10 - 105				03/10/22 01:16	03/11/22 04:49	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-01_1-3_20220308

Lab Sample ID: 460-253911-1

Date Collected: 03/08/22 08:00

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 86.1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	53		11 - 104	03/10/22 01:16	03/11/22 04:49	1
Phenol-d5 (Surr)	54		15 - 100	03/10/22 01:16	03/11/22 04:49	1
Terphenyl-d14 (Surr)	64		12 - 126	03/10/22 01:16	03/11/22 04:49	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0077	U	0.0077	0.0013	mg/Kg	✱	03/09/22 17:20	03/10/22 12:17	1
4,4'-DDE	0.0077	U	0.0077	0.00091	mg/Kg	✱	03/09/22 17:20	03/10/22 12:17	1
4,4'-DDT	0.0077	U	0.0077	0.0014	mg/Kg	✱	03/09/22 17:20	03/10/22 12:17	1
Aldrin	0.0077	U	0.0077	0.0012	mg/Kg	✱	03/09/22 17:20	03/10/22 12:17	1
alpha-BHC	0.0023	U	0.0023	0.00079	mg/Kg	✱	03/09/22 17:20	03/10/22 12:17	1
beta-BHC	0.0023	U	0.0023	0.00087	mg/Kg	✱	03/09/22 17:20	03/10/22 12:17	1
Chlordane (technical)	0.077	U	0.077	0.019	mg/Kg	✱	03/09/22 17:20	03/10/22 12:17	1
delta-BHC	0.0023	U	0.0023	0.00047	mg/Kg	✱	03/09/22 17:20	03/10/22 12:17	1
Dieldrin	0.0023	U	0.0023	0.0010	mg/Kg	✱	03/09/22 17:20	03/10/22 12:17	1
Endosulfan I	0.0077	U	0.0077	0.0012	mg/Kg	✱	03/09/22 17:20	03/10/22 12:17	1
Endosulfan II	0.0077	U	0.0077	0.0020	mg/Kg	✱	03/09/22 17:20	03/10/22 12:17	1
Endosulfan sulfate	0.0077	U	0.0077	0.00097	mg/Kg	✱	03/09/22 17:20	03/10/22 12:17	1
Endrin	0.0077	U	0.0077	0.0011	mg/Kg	✱	03/09/22 17:20	03/10/22 12:17	1
Endrin aldehyde	0.0077	U	0.0077	0.0018	mg/Kg	✱	03/09/22 17:20	03/10/22 12:17	1
Endrin ketone	0.0077	U	0.0077	0.0015	mg/Kg	✱	03/09/22 17:20	03/10/22 12:17	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00072	mg/Kg	✱	03/09/22 17:20	03/10/22 12:17	1
Heptachlor	0.0077	U	0.0077	0.00091	mg/Kg	✱	03/09/22 17:20	03/10/22 12:17	1
Heptachlor epoxide	0.0077	U	0.0077	0.0012	mg/Kg	✱	03/09/22 17:20	03/10/22 12:17	1
Methoxychlor	0.0077	U	0.0077	0.0018	mg/Kg	✱	03/09/22 17:20	03/10/22 12:17	1
Toxaphene	0.077	U	0.077	0.028	mg/Kg	✱	03/09/22 17:20	03/10/22 12:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	91		10 - 150	03/09/22 17:20	03/10/22 12:17	1
DCB Decachlorobiphenyl	89		10 - 150	03/09/22 17:20	03/10/22 12:17	1
Tetrachloro-m-xylene	85		10 - 133	03/09/22 17:20	03/10/22 12:17	1
Tetrachloro-m-xylene	76		10 - 133	03/09/22 17:20	03/10/22 12:17	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.077	U	0.077	0.021	mg/Kg	✱	03/09/22 17:15	03/10/22 12:29	1
Aroclor 1221	0.077	U	0.077	0.021	mg/Kg	✱	03/09/22 17:15	03/10/22 12:29	1
Aroclor 1232	0.077	U	0.077	0.021	mg/Kg	✱	03/09/22 17:15	03/10/22 12:29	1
Aroclor 1242	0.077	U	0.077	0.021	mg/Kg	✱	03/09/22 17:15	03/10/22 12:29	1
Aroclor 1248	0.077	U	0.077	0.021	mg/Kg	✱	03/09/22 17:15	03/10/22 12:29	1
Aroclor 1254	0.077	U	0.077	0.021	mg/Kg	✱	03/09/22 17:15	03/10/22 12:29	1
Aroclor 1260	0.077	U	0.077	0.021	mg/Kg	✱	03/09/22 17:15	03/10/22 12:29	1
Aroclor-1262	0.077	U	0.077	0.021	mg/Kg	✱	03/09/22 17:15	03/10/22 12:29	1
Aroclor 1268	0.077	U	0.077	0.021	mg/Kg	✱	03/09/22 17:15	03/10/22 12:29	1
Polychlorinated biphenyls, Total	0.077	U	0.077	0.021	mg/Kg	✱	03/09/22 17:15	03/10/22 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	105		37 - 150	03/09/22 17:15	03/10/22 12:29	1
DCB Decachlorobiphenyl	118		37 - 150	03/09/22 17:15	03/10/22 12:29	1
Tetrachloro-m-xylene	98		54 - 150	03/09/22 17:15	03/10/22 12:29	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-01_1-3_20220308

Lab Sample ID: 460-253911-1

Date Collected: 03/08/22 08:00

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 86.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	100		54 - 150	03/09/22 17:15	03/10/22 12:29	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8170		17.5	4.8	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Antimony	0.19	J	0.87	0.13	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Arsenic	2.8		0.87	0.090	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Barium	66.4		1.7	0.13	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Beryllium	0.40		0.35	0.050	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Cadmium	0.87	U	0.87	0.099	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Calcium	14100		87.3	15.5	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Chromium	18.7		1.7	0.23	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Cobalt	7.3		1.7	0.13	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Copper	20.2		1.7	0.32	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Iron	14200		52.4	17.6	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Lead	49.4		0.52	0.17	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Magnesium	5300		87.3	8.9	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Manganese	223		3.5	0.35	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Nickel	14.0		1.7	0.41	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Potassium	2780		87.3	10.6	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Selenium	0.18	J	1.1	0.11	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Silver	0.87	U	0.87	0.078	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Sodium	500		87.3	39.9	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Thallium	0.17	J	0.35	0.036	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Vanadium	24.4		1.7	0.18	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1
Zinc	61.8		7.0	2.7	mg/Kg	☆	03/12/22 22:10	03/14/22 13:48	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12		0.019	0.0088	mg/Kg	☆	03/11/22 04:02	03/11/22 08:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13.9		1.0	1.0	%			03/12/22 01:36	1
Percent Solids	86.1		1.0	1.0	%			03/12/22 01:36	1

Client Sample ID: SB-01_12-14_20220308

Lab Sample ID: 460-253911-2

Date Collected: 03/08/22 08:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 95.0

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☆	03/09/22 21:06	03/11/22 15:30	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☆	03/09/22 21:06	03/11/22 15:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00032	mg/Kg	☆	03/09/22 21:06	03/11/22 15:30	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019	mg/Kg	☆	03/09/22 21:06	03/11/22 15:30	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00022	mg/Kg	☆	03/09/22 21:06	03/11/22 15:30	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00024	mg/Kg	☆	03/09/22 21:06	03/11/22 15:30	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☆	03/09/22 21:06	03/11/22 15:30	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	☆	03/09/22 21:06	03/11/22 15:30	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-01_12-14_20220308

Lab Sample ID: 460-253911-2

Date Collected: 03/08/22 08:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 95.0

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00049	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00038	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00045	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00024	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
2-Butanone (MEK)	0.0053	U	0.0053	0.00039	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
2-Hexanone	0.0053	U	0.0053	0.0018	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
4-Methyl-2-pentanone (MIBK)	0.0053	U	0.0053	0.0017	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Acetone	0.0064	U	0.0064	0.0061	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Benzene	0.0011	U *	0.0011	0.00027	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Bromoform	0.0011	U	0.0011	0.00045	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Bromomethane	0.0021	U	0.0021	0.0011	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Carbon disulfide	0.0011	U	0.0011	0.00028	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Carbon tetrachloride	0.0011	U	0.0011	0.00041	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Chlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Chlorobromomethane	0.0011	U	0.0011	0.00030	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Chlorodibromomethane	0.0011	U	0.0011	0.00021	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Chloroethane	0.0011	U	0.0011	0.00056	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Chloroform	0.0011	U	0.0011	0.0010	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Chloromethane	0.0011	U	0.0011	0.00046	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00038	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Dichlorobromomethane	0.0011	U	0.0011	0.00027	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00036	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Ethylbenzene	0.0011	U	0.0011	0.00021	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Ethylene Dibromide	0.0011	U	0.0011	0.00019	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Isopropylbenzene	0.0011	U	0.0011	0.00030	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Methyl acetate	0.0053	U	0.0053	0.0046	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00055	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Methylcyclohexane	0.0011	U	0.0011	0.00053	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00019	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
o-Xylene	0.0011	U	0.0011	0.00021	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Tetrachloroethene	0.0011	U	0.0011	0.00032	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Toluene	0.0011	U	0.0011	0.00025	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00028	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Trichloroethene	0.0011	U	0.0011	0.00034	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00043	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Vinyl chloride	0.0011	U	0.0011	0.00058	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1
Xylenes, Total	0.0021	U	0.0021	0.00068	mg/Kg	✳	03/09/22 21:06	03/11/22 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		77 - 145	03/09/22 21:06	03/11/22 15:30	1
4-Bromofluorobenzene	93		70 - 139	03/09/22 21:06	03/11/22 15:30	1
Dibromofluoromethane (Surr)	103		48 - 150	03/09/22 21:06	03/11/22 15:30	1
Toluene-d8 (Surr)	87		80 - 120	03/09/22 21:06	03/11/22 15:30	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-01_12-14_20220308

Lab Sample ID: 460-253911-2

Date Collected: 03/08/22 08:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 95.0

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.0046	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
1,4-Dioxane	0.035	U	0.035	0.030	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.0063	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.035	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
2,4-Dimethylphenol	0.35	U	0.35	0.015	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
2,4-Dinitrotoluene	0.070	U	0.070	0.037	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
2,6-Dinitrotoluene	0.070	U	0.070	0.025	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
2-Chloronaphthalene	0.35	U	0.35	0.016	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
2-Methylnaphthalene	0.35	U	0.35	0.0097	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
2-Nitroaniline	0.35	U	0.35	0.013	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
3-Nitroaniline	0.35	U	0.35	0.039	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.019	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
4-Nitroaniline	0.35	U	0.35	0.040	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
4-Nitrophenol	0.70	U	0.70	0.057	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Acenaphthene	0.35	U	0.35	0.0099	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Acenaphthylene	0.35	U	0.35	0.0035	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Benzaldehyde	0.35	U	0.35	0.057	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Benzo[a]anthracene	0.035	U	0.035	0.012	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Benzo[a]pyrene	0.035	U	0.035	0.0092	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0090	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0068	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.027	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.018	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Chrysene	0.35	U	0.35	0.0059	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Dibenzofuran	0.35	U	0.35	0.0049	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Diethyl phthalate	0.35	U	0.35	0.0050	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-01_12-14_20220308

Lab Sample ID: 460-253911-2

Date Collected: 03/08/22 08:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 95.0

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	0.35	U	0.35	0.079	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Di-n-octyl phthalate	0.35	U	0.35	0.018	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Fluorene	0.35	U	0.35	0.0047	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Hexachlorobenzene	0.035	U	0.035	0.016	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Hexachlorobutadiene	0.070	U	0.070	0.0074	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.030	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Naphthalene	0.35	U	0.35	0.0060	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Nitrobenzene	0.035	U	0.035	0.0083	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Pentachlorophenol	0.28	U	0.28	0.071	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Phenanthrene	0.35	U	0.35	0.0061	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Phenol	0.35	U	0.35	0.013	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1
Pyrene	0.35	U	0.35	0.0086	mg/Kg	✱	03/10/22 01:16	03/10/22 17:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	66		10 - 123	03/10/22 01:16	03/10/22 17:09	1
2-Fluorobiphenyl	68		14 - 103	03/10/22 01:16	03/10/22 17:09	1
2-Fluorophenol (Surr)	72		10 - 105	03/10/22 01:16	03/10/22 17:09	1
Nitrobenzene-d5 (Surr)	70		11 - 104	03/10/22 01:16	03/10/22 17:09	1
Phenol-d5 (Surr)	66		15 - 100	03/10/22 01:16	03/10/22 17:09	1
Terphenyl-d14 (Surr)	80		12 - 126	03/10/22 01:16	03/10/22 17:09	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0070	U	0.0070	0.0012	mg/Kg	✱	03/09/22 17:20	03/10/22 12:29	1
4,4'-DDE	0.0070	U	0.0070	0.00083	mg/Kg	✱	03/09/22 17:20	03/10/22 12:29	1
4,4'-DDT	0.0070	U	0.0070	0.0013	mg/Kg	✱	03/09/22 17:20	03/10/22 12:29	1
Aldrin	0.0070	U	0.0070	0.0011	mg/Kg	✱	03/09/22 17:20	03/10/22 12:29	1
alpha-BHC	0.0021	U	0.0021	0.00071	mg/Kg	✱	03/09/22 17:20	03/10/22 12:29	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	✱	03/09/22 17:20	03/10/22 12:29	1
Chlordane (technical)	0.070	U	0.070	0.017	mg/Kg	✱	03/09/22 17:20	03/10/22 12:29	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	✱	03/09/22 17:20	03/10/22 12:29	1
Dieldrin	0.0021	U	0.0021	0.00091	mg/Kg	✱	03/09/22 17:20	03/10/22 12:29	1
Endosulfan I	0.0070	U	0.0070	0.0011	mg/Kg	✱	03/09/22 17:20	03/10/22 12:29	1
Endosulfan II	0.0070	U	0.0070	0.0018	mg/Kg	✱	03/09/22 17:20	03/10/22 12:29	1
Endosulfan sulfate	0.0070	U	0.0070	0.00088	mg/Kg	✱	03/09/22 17:20	03/10/22 12:29	1
Endrin	0.0070	U	0.0070	0.0010	mg/Kg	✱	03/09/22 17:20	03/10/22 12:29	1
Endrin aldehyde	0.0070	U	0.0070	0.0017	mg/Kg	✱	03/09/22 17:20	03/10/22 12:29	1
Endrin ketone	0.0070	U	0.0070	0.0014	mg/Kg	✱	03/09/22 17:20	03/10/22 12:29	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00065	mg/Kg	✱	03/09/22 17:20	03/10/22 12:29	1
Heptachlor	0.0070	U	0.0070	0.00083	mg/Kg	✱	03/09/22 17:20	03/10/22 12:29	1
Heptachlor epoxide	0.0070	U	0.0070	0.0011	mg/Kg	✱	03/09/22 17:20	03/10/22 12:29	1
Methoxychlor	0.0070	U	0.0070	0.0016	mg/Kg	✱	03/09/22 17:20	03/10/22 12:29	1
Toxaphene	0.070	U	0.070	0.025	mg/Kg	✱	03/09/22 17:20	03/10/22 12:29	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-01_12-14_20220308

Lab Sample ID: 460-253911-2

Date Collected: 03/08/22 08:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 95.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	93		10 - 150	03/09/22 17:20	03/10/22 12:29	1
DCB Decachlorobiphenyl	93		10 - 150	03/09/22 17:20	03/10/22 12:29	1
Tetrachloro-m-xylene	85		10 - 133	03/09/22 17:20	03/10/22 12:29	1
Tetrachloro-m-xylene	77		10 - 133	03/09/22 17:20	03/10/22 12:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.070	U	0.070	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 12:51	1
Aroclor 1221	0.070	U	0.070	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 12:51	1
Aroclor 1232	0.070	U	0.070	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 12:51	1
Aroclor 1242	0.070	U	0.070	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 12:51	1
Aroclor 1248	0.070	U	0.070	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 12:51	1
Aroclor 1254	0.070	U	0.070	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 12:51	1
Aroclor 1260	0.070	U	0.070	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 12:51	1
Aroclor-1262	0.070	U	0.070	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 12:51	1
Aroclor 1268	0.070	U	0.070	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 12:51	1
Polychlorinated biphenyls, Total	0.070	U	0.070	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	127		37 - 150	03/09/22 17:15	03/10/22 12:51	1
DCB Decachlorobiphenyl	144		37 - 150	03/09/22 17:15	03/10/22 12:51	1
Tetrachloro-m-xylene	116		54 - 150	03/09/22 17:15	03/10/22 12:51	1
Tetrachloro-m-xylene	119		54 - 150	03/09/22 17:15	03/10/22 12:51	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6150		16.1	4.4	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Antimony	0.80	U	0.80	0.12	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Arsenic	1.1		0.80	0.083	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Barium	41.8		1.6	0.12	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Beryllium	0.18	J	0.32	0.046	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Cadmium	0.80	U	0.80	0.091	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Calcium	1510		80.4	14.2	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Chromium	13.8		1.6	0.21	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Cobalt	4.8		1.6	0.12	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Copper	16.5		1.6	0.30	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Iron	12000		48.2	16.2	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Lead	3.4		0.48	0.16	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Magnesium	2900		80.4	8.2	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Manganese	164		3.2	0.32	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Nickel	11.9		1.6	0.38	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Potassium	1100		80.4	9.7	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Selenium	1.0	U	1.0	0.10	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Silver	0.80	U	0.80	0.072	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Sodium	185		80.4	36.7	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Thallium	0.12	J	0.32	0.033	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Vanadium	18.7		1.6	0.17	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1
Zinc	27.4		6.4	2.5	mg/Kg	✱	03/12/22 22:10	03/14/22 13:51	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-01_12-14_20220308

Lab Sample ID: 460-253911-2

Date Collected: 03/08/22 08:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 95.0

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0079	mg/Kg	☼	03/11/22 04:02	03/11/22 08:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.0		1.0	1.0	%			03/12/22 01:36	1
Percent Solids	95.0		1.0	1.0	%			03/12/22 01:36	1

Client Sample ID: SB-02_1-3_20220308

Lab Sample ID: 460-253911-3

Date Collected: 03/08/22 11:00

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 85.5

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00020	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00052	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00048	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00025	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0018	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
Acetone	0.0068	U	0.0068	0.0064	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
Benzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
Bromoform	0.0011	U	0.0011	0.00048	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
Chlorobenzene	0.0011	U	0.0011	0.00020	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
Chlorobromomethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
Chlorodibromomethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
Chloroethane	0.0011	U	0.0011	0.00059	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
Ethylbenzene	0.0011	U	0.0011	0.00022	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
Ethylene Dibromide	0.0011	U	0.0011	0.00020	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	03/09/22 21:08	03/11/22 20:17	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-02_1-3_20220308

Lab Sample ID: 460-253911-3

Date Collected: 03/08/22 11:00

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 85.5

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	✳	03/09/22 21:08	03/11/22 20:17	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00058	mg/Kg	✳	03/09/22 21:08	03/11/22 20:17	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	✳	03/09/22 21:08	03/11/22 20:17	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	✳	03/09/22 21:08	03/11/22 20:17	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00020	mg/Kg	✳	03/09/22 21:08	03/11/22 20:17	1
o-Xylene	0.0011	U	0.0011	0.00022	mg/Kg	✳	03/09/22 21:08	03/11/22 20:17	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	✳	03/09/22 21:08	03/11/22 20:17	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	✳	03/09/22 21:08	03/11/22 20:17	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	✳	03/09/22 21:08	03/11/22 20:17	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	✳	03/09/22 21:08	03/11/22 20:17	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	✳	03/09/22 21:08	03/11/22 20:17	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	✳	03/09/22 21:08	03/11/22 20:17	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00046	mg/Kg	✳	03/09/22 21:08	03/11/22 20:17	1
Vinyl chloride	0.0011	U	0.0011	0.00062	mg/Kg	✳	03/09/22 21:08	03/11/22 20:17	1
Xylenes, Total	0.0023	U	0.0023	0.00072	mg/Kg	✳	03/09/22 21:08	03/11/22 20:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		77 - 145				03/09/22 21:08	03/11/22 20:17	1
4-Bromofluorobenzene	93		70 - 139				03/09/22 21:08	03/11/22 20:17	1
Dibromofluoromethane (Surr)	103		48 - 150				03/09/22 21:08	03/11/22 20:17	1
Toluene-d8 (Surr)	88		80 - 120				03/09/22 21:08	03/11/22 20:17	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.0039	U	0.0039	0.000051	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
1,2,4,5-Tetrachlorobenzene	0.0039	U	0.0039	0.00012	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
1,4-Dioxane	0.00039	U	0.00039	0.00034	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
2,2'-oxybis[1-chloropropane]	0.0039	U	0.0039	0.000070	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
2,3,4,6-Tetrachlorophenol	0.0039	U	0.0039	0.00026	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
2,4,5-Trichlorophenol	0.0039	U	0.0039	0.00039	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
2,4,6-Trichlorophenol	0.0016	U	0.0016	0.00050	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
2,4-Dichlorophenol	0.0016	U	0.0016	0.00025	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
2,4-Dimethylphenol	0.0039	U	0.0039	0.00017	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
2,4-Dinitrophenol	0.0031	U	0.0031	0.0019	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
2,4-Dinitrotoluene	0.00078	U	0.00078	0.00042	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
2,6-Dinitrotoluene	0.00078	U	0.00078	0.00028	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
2-Chloronaphthalene	0.0039	U	0.0039	0.00018	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
2-Chlorophenol	0.0039	U	0.0039	0.00014	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
2-Methylnaphthalene	0.0039	U	0.0039	0.00011	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
2-Methylphenol	0.0039	U	0.0039	0.00014	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
2-Nitroaniline	0.0039	U	0.0039	0.00014	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
2-Nitrophenol	0.0039	U	0.0039	0.00039	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
3,3'-Dichlorobenzidine	0.0016	U	0.0016	0.00058	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
3-Nitroaniline	0.0039	U	0.0039	0.00044	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
4,6-Dinitro-2-methylphenol	0.0031	U	0.0031	0.0016	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
4-Bromophenyl phenyl ether	0.0039	U	0.0039	0.00015	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
4-Chloro-3-methylphenol	0.0039	U	0.0039	0.00022	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
4-Chloroaniline	0.0039	U	0.0039	0.00069	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
4-Chlorophenyl phenyl ether	0.0039	U	0.0039	0.00014	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
4-Methylphenol	0.0039	U	0.0039	0.00024	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-02_1-3_20220308

Lab Sample ID: 460-253911-3

Date Collected: 03/08/22 11:00

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 85.5

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	0.0039	U	0.0039	0.00044	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
4-Nitrophenol	0.0078	U	0.0078	0.00063	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Acenaphthene	0.00019	J	0.0039	0.00011	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Acenaphthylene	0.00044	J	0.0039	0.000039	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Acetophenone	0.0039	U	0.0039	0.00019	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Anthracene	0.00067	J	0.0039	0.00012	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Atrazine	0.0016	U	0.0016	0.00023	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Benzaldehyde	0.0039	U	0.0039	0.00064	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Benzo[a]anthracene	0.0042		0.00039	0.00013	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Benzo[a]pyrene	0.0039		0.00039	0.00010	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Benzo[b]fluoranthene	0.0055		0.00039	0.00010	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Benzo[g,h,i]perylene	0.0028	J	0.0039	0.00011	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Benzo[k]fluoranthene	0.0027		0.00039	0.000076	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Bis(2-chloroethoxy)methane	0.0039	U	0.0039	0.00030	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Bis(2-chloroethyl)ether	0.00039	U	0.00039	0.00013	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Bis(2-ethylhexyl) phthalate	0.00029	J	0.0039	0.00020	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Butyl benzyl phthalate	0.00033	J	0.0039	0.00018	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Caprolactam	0.0039	U	0.0039	0.00060	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Carbazole	0.00026	J	0.0039	0.00015	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Chrysene	0.0042		0.0039	0.000065	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Dibenz(a,h)anthracene	0.00046		0.00039	0.00017	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Dibenzofuran	0.00011	J	0.0039	0.000054	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Diethyl phthalate	0.0039	U	0.0039	0.000056	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Dimethyl phthalate	0.0039	U	0.0039	0.00088	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Di-n-butyl phthalate	0.0039	U	0.0039	0.00015	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Di-n-octyl phthalate	0.0039	U	0.0039	0.00020	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Fluoranthene	0.0070		0.0039	0.00013	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Fluorene	0.00019	J	0.0039	0.000052	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Hexachlorobenzene	0.00039	U	0.00039	0.00018	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Hexachlorobutadiene	0.00078	U	0.00078	0.000082	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Hexachlorocyclopentadiene	0.0039	U	0.0039	0.00034	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Hexachloroethane	0.00039	U	0.00039	0.00013	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Indeno[1,2,3-cd]pyrene	0.0040		0.00039	0.00015	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Isophorone	0.0016	U	0.0016	0.0011	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Naphthalene	0.00016	J	0.0039	0.000067	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Nitrobenzene	0.00039	U	0.00039	0.000093	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
N-Nitrosodi-n-propylamine	0.00039	U	0.00039	0.00028	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
N-Nitrosodiphenylamine	0.0039	U	0.0039	0.00032	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Pentachlorophenol	0.0031	U	0.0031	0.00079	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Phenanthrene	0.0031	J	0.0039	0.000068	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Phenol	0.0039	U	0.0039	0.00014	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Pyrene	0.0064		0.0039	0.000096	mg/Kg	✳	03/10/22 01:16	03/10/22 17:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	70		10 - 123				03/10/22 01:16	03/10/22 17:43	1
2-Fluorobiphenyl	69		14 - 103				03/10/22 01:16	03/10/22 17:43	1
2-Fluorophenol (Surr)	69		10 - 105				03/10/22 01:16	03/10/22 17:43	1
Nitrobenzene-d5 (Surr)	67		11 - 104				03/10/22 01:16	03/10/22 17:43	1
Phenol-d5 (Surr)	65		15 - 100				03/10/22 01:16	03/10/22 17:43	1
Terphenyl-d14 (Surr)	83		12 - 126				03/10/22 01:16	03/10/22 17:43	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-02_1-3_20220308

Lab Sample ID: 460-253911-3

Date Collected: 03/08/22 11:00

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 85.5

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0078	U	0.0078	0.0013	mg/Kg	✱	03/09/22 17:20	03/10/22 12:41	1
4,4'-DDE	0.0078	U	0.0078	0.00092	mg/Kg	✱	03/09/22 17:20	03/10/22 12:41	1
4,4'-DDT	0.0078	U	0.0078	0.0014	mg/Kg	✱	03/09/22 17:20	03/10/22 12:41	1
Aldrin	0.0078	U	0.0078	0.0012	mg/Kg	✱	03/09/22 17:20	03/10/22 12:41	1
alpha-BHC	0.0023	U	0.0023	0.00080	mg/Kg	✱	03/09/22 17:20	03/10/22 12:41	1
beta-BHC	0.0023	U	0.0023	0.00088	mg/Kg	✱	03/09/22 17:20	03/10/22 12:41	1
Chlordane (technical)	0.078	U	0.078	0.019	mg/Kg	✱	03/09/22 17:20	03/10/22 12:41	1
delta-BHC	0.0023	U	0.0023	0.00048	mg/Kg	✱	03/09/22 17:20	03/10/22 12:41	1
Dieldrin	0.0023	U	0.0023	0.0010	mg/Kg	✱	03/09/22 17:20	03/10/22 12:41	1
Endosulfan I	0.0078	U	0.0078	0.0012	mg/Kg	✱	03/09/22 17:20	03/10/22 12:41	1
Endosulfan II	0.0078	U	0.0078	0.0020	mg/Kg	✱	03/09/22 17:20	03/10/22 12:41	1
Endosulfan sulfate	0.0078	U	0.0078	0.00098	mg/Kg	✱	03/09/22 17:20	03/10/22 12:41	1
Endrin	0.0078	U	0.0078	0.0011	mg/Kg	✱	03/09/22 17:20	03/10/22 12:41	1
Endrin aldehyde	0.0078	U	0.0078	0.0018	mg/Kg	✱	03/09/22 17:20	03/10/22 12:41	1
Endrin ketone	0.0078	U	0.0078	0.0015	mg/Kg	✱	03/09/22 17:20	03/10/22 12:41	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00072	mg/Kg	✱	03/09/22 17:20	03/10/22 12:41	1
Heptachlor	0.0078	U	0.0078	0.00092	mg/Kg	✱	03/09/22 17:20	03/10/22 12:41	1
Heptachlor epoxide	0.0078	U	0.0078	0.0012	mg/Kg	✱	03/09/22 17:20	03/10/22 12:41	1
Methoxychlor	0.0078	U	0.0078	0.0018	mg/Kg	✱	03/09/22 17:20	03/10/22 12:41	1
Toxaphene	0.078	U	0.078	0.028	mg/Kg	✱	03/09/22 17:20	03/10/22 12:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	79		10 - 150	03/09/22 17:20	03/10/22 12:41	1
DCB Decachlorobiphenyl	78		10 - 150	03/09/22 17:20	03/10/22 12:41	1
Tetrachloro-m-xylene	74		10 - 133	03/09/22 17:20	03/10/22 12:41	1
Tetrachloro-m-xylene	67		10 - 133	03/09/22 17:20	03/10/22 12:41	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.078	U	0.078	0.021	mg/Kg	✱	03/09/22 17:15	03/10/22 13:13	1
Aroclor 1221	0.078	U	0.078	0.021	mg/Kg	✱	03/09/22 17:15	03/10/22 13:13	1
Aroclor 1232	0.078	U	0.078	0.021	mg/Kg	✱	03/09/22 17:15	03/10/22 13:13	1
Aroclor 1242	0.078	U	0.078	0.021	mg/Kg	✱	03/09/22 17:15	03/10/22 13:13	1
Aroclor 1248	0.078	U	0.078	0.021	mg/Kg	✱	03/09/22 17:15	03/10/22 13:13	1
Aroclor 1254	0.078	U	0.078	0.021	mg/Kg	✱	03/09/22 17:15	03/10/22 13:13	1
Aroclor 1260	0.078	U	0.078	0.021	mg/Kg	✱	03/09/22 17:15	03/10/22 13:13	1
Aroclor-1262	0.078	U	0.078	0.021	mg/Kg	✱	03/09/22 17:15	03/10/22 13:13	1
Aroclor 1268	0.078	U	0.078	0.021	mg/Kg	✱	03/09/22 17:15	03/10/22 13:13	1
Polychlorinated biphenyls, Total	0.078	U	0.078	0.021	mg/Kg	✱	03/09/22 17:15	03/10/22 13:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	114		37 - 150	03/09/22 17:15	03/10/22 13:13	1
DCB Decachlorobiphenyl	126		37 - 150	03/09/22 17:15	03/10/22 13:13	1
Tetrachloro-m-xylene	102		54 - 150	03/09/22 17:15	03/10/22 13:13	1
Tetrachloro-m-xylene	105		54 - 150	03/09/22 17:15	03/10/22 13:13	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7590		18.0	4.9	mg/Kg	✱	03/12/22 22:10	03/15/22 11:27	1
Antimony	0.90	U	0.90	0.13	mg/Kg	✱	03/12/22 22:10	03/15/22 11:27	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-02_1-3_20220308

Lab Sample ID: 460-253911-3

Date Collected: 03/08/22 11:00

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 85.5

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.1		0.90	0.093	mg/Kg	☼	03/12/22 22:10	03/15/22 11:27	1
Barium	40.1		1.8	0.13	mg/Kg	☼	03/12/22 22:10	03/15/22 11:27	1
Beryllium	0.26	J	0.36	0.051	mg/Kg	☼	03/12/22 22:10	03/15/22 11:27	1
Cadmium	0.90	U	0.90	0.10	mg/Kg	☼	03/12/22 22:10	03/15/22 11:27	1
Calcium	57100		450	79.7	mg/Kg	☼	03/12/22 22:10	03/15/22 11:36	5
Chromium	15.8		1.8	0.24	mg/Kg	☼	03/12/22 22:10	03/15/22 11:27	1
Cobalt	4.2		1.8	0.13	mg/Kg	☼	03/12/22 22:10	03/15/22 11:27	1
Copper	16.3		1.8	0.33	mg/Kg	☼	03/12/22 22:10	03/15/22 11:27	1
Iron	10600		54.0	18.2	mg/Kg	☼	03/12/22 22:10	03/15/22 11:27	1
Lead	15.3		0.54	0.18	mg/Kg	☼	03/12/22 22:10	03/15/22 11:27	1
Magnesium	10200		90.0	9.2	mg/Kg	☼	03/12/22 22:10	03/15/22 11:27	1
Manganese	172		3.6	0.36	mg/Kg	☼	03/12/22 22:10	03/15/22 11:27	1
Nickel	11.1		1.8	0.42	mg/Kg	☼	03/12/22 22:10	03/15/22 11:27	1
Potassium	978		90.0	10.9	mg/Kg	☼	03/12/22 22:10	03/15/22 11:27	1
Selenium	1.1	U	1.1	0.12	mg/Kg	☼	03/12/22 22:10	03/15/22 11:27	1
Silver	0.90	U	0.90	0.080	mg/Kg	☼	03/12/22 22:10	03/15/22 11:27	1
Sodium	244		90.0	41.1	mg/Kg	☼	03/12/22 22:10	03/15/22 11:27	1
Thallium	0.059	J	0.36	0.037	mg/Kg	☼	03/12/22 22:10	03/15/22 11:27	1
Vanadium	17.6		1.8	0.19	mg/Kg	☼	03/12/22 22:10	03/15/22 11:27	1
Zinc	29.4		7.2	2.7	mg/Kg	☼	03/12/22 22:10	03/15/22 11:27	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.48		0.019	0.0088	mg/Kg	☼	03/11/22 04:02	03/11/22 08:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14.5		1.0	1.0	%			03/12/22 01:36	1
Percent Solids	85.5		1.0	1.0	%			03/12/22 01:36	1

Client Sample ID: SB-02_12-14_20220308

Lab Sample ID: 460-253911-4

Date Collected: 03/08/22 11:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 81.2

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0013	U	0.0013	0.00031	mg/Kg	☼	03/09/22 21:10	03/11/22 20:40	1
1,1,2,2-Tetrachloroethane	0.0013	U	0.0013	0.00029	mg/Kg	☼	03/09/22 21:10	03/11/22 20:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0013	U	0.0013	0.00040	mg/Kg	☼	03/09/22 21:10	03/11/22 20:40	1
1,1,2-Trichloroethane	0.0013	U	0.0013	0.00024	mg/Kg	☼	03/09/22 21:10	03/11/22 20:40	1
1,1-Dichloroethane	0.0013	U	0.0013	0.00027	mg/Kg	☼	03/09/22 21:10	03/11/22 20:40	1
1,1-Dichloroethene	0.0013	U	0.0013	0.00030	mg/Kg	☼	03/09/22 21:10	03/11/22 20:40	1
1,2,3-Trichlorobenzene	0.0013	U	0.0013	0.00024	mg/Kg	☼	03/09/22 21:10	03/11/22 20:40	1
1,2,4-Trichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	03/09/22 21:10	03/11/22 20:40	1
1,2-Dibromo-3-Chloropropane	0.0013	U	0.0013	0.00061	mg/Kg	☼	03/09/22 21:10	03/11/22 20:40	1
1,2-Dichlorobenzene	0.0013	U	0.0013	0.00048	mg/Kg	☼	03/09/22 21:10	03/11/22 20:40	1
1,2-Dichloroethane	0.0013	U	0.0013	0.00039	mg/Kg	☼	03/09/22 21:10	03/11/22 20:40	1
1,2-Dichloropropane	0.0013	U	0.0013	0.00056	mg/Kg	☼	03/09/22 21:10	03/11/22 20:40	1
1,3-Dichlorobenzene	0.0013	U	0.0013	0.00049	mg/Kg	☼	03/09/22 21:10	03/11/22 20:40	1
1,4-Dichlorobenzene	0.0013	U	0.0013	0.00030	mg/Kg	☼	03/09/22 21:10	03/11/22 20:40	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-02_12-14_20220308

Lab Sample ID: 460-253911-4

Date Collected: 03/08/22 11:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 81.2

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	0.0067	U	0.0067	0.00049	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
2-Hexanone	0.0067	U	0.0067	0.0023	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
4-Methyl-2-pentanone (MIBK)	0.0067	U	0.0067	0.0021	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Acetone	0.0080	U	0.0080	0.0076	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Benzene	0.0013	U	0.0013	0.00034	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Bromoform	0.0013	U	0.0013	0.00057	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Bromomethane	0.0027	U	0.0027	0.0013	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Carbon disulfide	0.0013	U	0.0013	0.00035	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Carbon tetrachloride	0.0013	U	0.0013	0.00052	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Chlorobenzene	0.0013	U	0.0013	0.00024	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Chlorobromomethane	0.0013	U	0.0013	0.00037	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Chlorodibromomethane	0.0013	U	0.0013	0.00026	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Chloroethane	0.0013	U	0.0013	0.00070	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Chloromethane	0.0013	U	0.0013	0.00058	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
cis-1,2-Dichloroethene	0.0013	U	0.0013	0.00048	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
cis-1,3-Dichloropropene	0.0013	U	0.0013	0.00036	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Cyclohexane	0.0013	U	0.0013	0.00029	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Dichlorobromomethane	0.0013	U	0.0013	0.00034	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Dichlorodifluoromethane	0.0013	U	0.0013	0.00045	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Ethylbenzene	0.0013	U	0.0013	0.00027	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Ethylene Dibromide	0.0013	U	0.0013	0.00024	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Isopropylbenzene	0.0013	U	0.0013	0.00038	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Methyl acetate	0.0067	U	0.0067	0.0057	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Methyl tert-butyl ether	0.0013	U	0.0013	0.00068	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Methylcyclohexane	0.0013	U	0.0013	0.00067	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Methylene Chloride	0.0027	U	0.0027	0.0015	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
m-Xylene & p-Xylene	0.0013	U	0.0013	0.00023	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
o-Xylene	0.0013	U	0.0013	0.00026	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Styrene	0.0013	U	0.0013	0.00037	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Tetrachloroethene	0.0013	U	0.0013	0.00041	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Toluene	0.0013	U	0.0013	0.00031	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
trans-1,2-Dichloroethene	0.0013	U	0.0013	0.00033	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
trans-1,3-Dichloropropene	0.0013	U	0.0013	0.00035	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Trichloroethene	0.0013	U	0.0013	0.00043	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Trichlorofluoromethane	0.0013	U	0.0013	0.00054	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Vinyl chloride	0.0013	U	0.0013	0.00073	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1
Xylenes, Total	0.0027	U	0.0027	0.00086	mg/Kg	✳	03/09/22 21:10	03/11/22 20:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		77 - 145	03/09/22 21:10	03/11/22 20:40	1
4-Bromofluorobenzene	97		70 - 139	03/09/22 21:10	03/11/22 20:40	1
Dibromofluoromethane (Surr)	104		48 - 150	03/09/22 21:10	03/11/22 20:40	1
Toluene-d8 (Surr)	84		80 - 120	03/09/22 21:10	03/11/22 20:40	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.41	U	0.41	0.0054	mg/Kg	✳	03/10/22 01:16	03/10/22 16:00	1
1,2,4,5-Tetrachlorobenzene	0.41	U	0.41	0.013	mg/Kg	✳	03/10/22 01:16	03/10/22 16:00	1
1,4-Dioxane	0.041	U	0.041	0.036	mg/Kg	✳	03/10/22 01:16	03/10/22 16:00	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-02_12-14_20220308

Lab Sample ID: 460-253911-4

Date Collected: 03/08/22 11:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 81.2

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	0.41	U	0.41	0.0074	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
2,3,4,6-Tetrachlorophenol	0.41	U	0.41	0.028	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
2,4,5-Trichlorophenol	0.41	U	0.41	0.041	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
2,4,6-Trichlorophenol	0.16	U	0.16	0.052	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
2,4-Dichlorophenol	0.16	U	0.16	0.026	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
2,4-Dimethylphenol	0.41	U	0.41	0.018	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
2,4-Dinitrophenol	0.33	U	0.33	0.20	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
2,4-Dinitrotoluene	0.082	U	0.082	0.044	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
2,6-Dinitrotoluene	0.082	U	0.082	0.029	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
2-Chloronaphthalene	0.41	U	0.41	0.019	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
2-Chlorophenol	0.41	U	0.41	0.014	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
2-Methylnaphthalene	0.41	U	0.41	0.011	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
2-Methylphenol	0.41	U	0.41	0.015	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
2-Nitroaniline	0.41	U	0.41	0.015	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
2-Nitrophenol	0.41	U	0.41	0.041	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
3,3'-Dichlorobenzidine	0.16	U	0.16	0.061	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
3-Nitroaniline	0.41	U	0.41	0.046	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
4,6-Dinitro-2-methylphenol	0.33	U	0.33	0.17	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
4-Bromophenyl phenyl ether	0.41	U	0.41	0.016	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
4-Chloro-3-methylphenol	0.41	U	0.41	0.023	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
4-Chloroaniline	0.41	U	0.41	0.072	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
4-Chlorophenyl phenyl ether	0.41	U	0.41	0.014	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
4-Methylphenol	0.41	U	0.41	0.025	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
4-Nitroaniline	0.41	U	0.41	0.047	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
4-Nitrophenol	0.82	U	0.82	0.066	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Acenaphthene	0.41	U	0.41	0.012	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Acenaphthylene	0.41	U	0.41	0.0041	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Acetophenone	0.41	U	0.41	0.020	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Anthracene	0.41	U	0.41	0.012	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Atrazine	0.16	U	0.16	0.024	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Benzaldehyde	0.41	U	0.41	0.067	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Benzo[a]anthracene	0.041	U	0.041	0.014	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Benzo[a]pyrene	0.041	U	0.041	0.011	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Benzo[b]fluoranthene	0.041	U	0.041	0.011	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Benzo[g,h,i]perylene	0.41	U	0.41	0.012	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Benzo[k]fluoranthene	0.041	U	0.041	0.0080	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Bis(2-chloroethoxy)methane	0.41	U	0.41	0.032	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Bis(2-chloroethyl)ether	0.041	U	0.041	0.014	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Bis(2-ethylhexyl) phthalate	0.41	U	0.41	0.022	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Butyl benzyl phthalate	0.41	U	0.41	0.019	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Caprolactam	0.41	U	0.41	0.063	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Carbazole	0.41	U	0.41	0.015	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Chrysene	0.41	U	0.41	0.0069	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Dibenz(a,h)anthracene	0.041	U	0.041	0.018	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Dibenzofuran	0.41	U	0.41	0.0057	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Diethyl phthalate	0.41	U	0.41	0.0059	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Dimethyl phthalate	0.41	U	0.41	0.092	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Di-n-butyl phthalate	0.41	U	0.41	0.015	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1
Di-n-octyl phthalate	0.41	U	0.41	0.022	mg/Kg	✱	03/10/22 01:16	03/10/22 16:00	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-02_12-14_20220308

Lab Sample ID: 460-253911-4

Date Collected: 03/08/22 11:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 81.2

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	0.41	U	0.41	0.014	mg/Kg	✳	03/10/22 01:16	03/10/22 16:00	1
Fluorene	0.41	U	0.41	0.0055	mg/Kg	✳	03/10/22 01:16	03/10/22 16:00	1
Hexachlorobenzene	0.041	U	0.041	0.019	mg/Kg	✳	03/10/22 01:16	03/10/22 16:00	1
Hexachlorobutadiene	0.082	U	0.082	0.0087	mg/Kg	✳	03/10/22 01:16	03/10/22 16:00	1
Hexachlorocyclopentadiene	0.41	U	0.41	0.036	mg/Kg	✳	03/10/22 01:16	03/10/22 16:00	1
Hexachloroethane	0.041	U	0.041	0.014	mg/Kg	✳	03/10/22 01:16	03/10/22 16:00	1
Indeno[1,2,3-cd]pyrene	0.041	U	0.041	0.016	mg/Kg	✳	03/10/22 01:16	03/10/22 16:00	1
Isophorone	0.16	U	0.16	0.12	mg/Kg	✳	03/10/22 01:16	03/10/22 16:00	1
Naphthalene	0.41	U	0.41	0.0070	mg/Kg	✳	03/10/22 01:16	03/10/22 16:00	1
Nitrobenzene	0.041	U	0.041	0.0098	mg/Kg	✳	03/10/22 01:16	03/10/22 16:00	1
N-Nitrosodi-n-propylamine	0.041	U	0.041	0.030	mg/Kg	✳	03/10/22 01:16	03/10/22 16:00	1
N-Nitrosodiphenylamine	0.41	U	0.41	0.033	mg/Kg	✳	03/10/22 01:16	03/10/22 16:00	1
Pentachlorophenol	0.33	U	0.33	0.083	mg/Kg	✳	03/10/22 01:16	03/10/22 16:00	1
Phenanthrene	0.41	U	0.41	0.0072	mg/Kg	✳	03/10/22 01:16	03/10/22 16:00	1
Phenol	0.41	U	0.41	0.015	mg/Kg	✳	03/10/22 01:16	03/10/22 16:00	1
Pyrene	0.41	U	0.41	0.010	mg/Kg	✳	03/10/22 01:16	03/10/22 16:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	54		10 - 123	03/10/22 01:16	03/10/22 16:00	1
2-Fluorobiphenyl	62		14 - 103	03/10/22 01:16	03/10/22 16:00	1
2-Fluorophenol (Surr)	68		10 - 105	03/10/22 01:16	03/10/22 16:00	1
Nitrobenzene-d5 (Surr)	64		11 - 104	03/10/22 01:16	03/10/22 16:00	1
Phenol-d5 (Surr)	62		15 - 100	03/10/22 01:16	03/10/22 16:00	1
Terphenyl-d14 (Surr)	75		12 - 126	03/10/22 01:16	03/10/22 16:00	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0082	U	0.0082	0.0014	mg/Kg	✳	03/09/22 17:20	03/10/22 12:54	1
4,4'-DDE	0.0082	U	0.0082	0.00097	mg/Kg	✳	03/09/22 17:20	03/10/22 12:54	1
4,4'-DDT	0.0082	U	0.0082	0.0015	mg/Kg	✳	03/09/22 17:20	03/10/22 12:54	1
Aldrin	0.0082	U	0.0082	0.0012	mg/Kg	✳	03/09/22 17:20	03/10/22 12:54	1
alpha-BHC	0.0025	U	0.0025	0.00083	mg/Kg	✳	03/09/22 17:20	03/10/22 12:54	1
beta-BHC	0.0025	U	0.0025	0.00092	mg/Kg	✳	03/09/22 17:20	03/10/22 12:54	1
Chlordane (technical)	0.082	U	0.082	0.020	mg/Kg	✳	03/09/22 17:20	03/10/22 12:54	1
delta-BHC	0.0025	U	0.0025	0.00050	mg/Kg	✳	03/09/22 17:20	03/10/22 12:54	1
Dieldrin	0.0025	U	0.0025	0.0011	mg/Kg	✳	03/09/22 17:20	03/10/22 12:54	1
Endosulfan I	0.0082	U	0.0082	0.0013	mg/Kg	✳	03/09/22 17:20	03/10/22 12:54	1
Endosulfan II	0.0082	U	0.0082	0.0021	mg/Kg	✳	03/09/22 17:20	03/10/22 12:54	1
Endosulfan sulfate	0.0082	U	0.0082	0.0010	mg/Kg	✳	03/09/22 17:20	03/10/22 12:54	1
Endrin	0.0082	U	0.0082	0.0012	mg/Kg	✳	03/09/22 17:20	03/10/22 12:54	1
Endrin aldehyde	0.0082	U	0.0082	0.0019	mg/Kg	✳	03/09/22 17:20	03/10/22 12:54	1
Endrin ketone	0.0082	U	0.0082	0.0016	mg/Kg	✳	03/09/22 17:20	03/10/22 12:54	1
gamma-BHC (Lindane)	0.0025	U	0.0025	0.00076	mg/Kg	✳	03/09/22 17:20	03/10/22 12:54	1
Heptachlor	0.0082	U	0.0082	0.00097	mg/Kg	✳	03/09/22 17:20	03/10/22 12:54	1
Heptachlor epoxide	0.0082	U	0.0082	0.0012	mg/Kg	✳	03/09/22 17:20	03/10/22 12:54	1
Methoxychlor	0.0082	U	0.0082	0.0019	mg/Kg	✳	03/09/22 17:20	03/10/22 12:54	1
Toxaphene	0.082	U	0.082	0.030	mg/Kg	✳	03/09/22 17:20	03/10/22 12:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	87		10 - 150	03/09/22 17:20	03/10/22 12:54	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-02_12-14_20220308

Lab Sample ID: 460-253911-4

Date Collected: 03/08/22 11:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 81.2

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	86		10 - 150	03/09/22 17:20	03/10/22 12:54	1
Tetrachloro-m-xylene	78		10 - 133	03/09/22 17:20	03/10/22 12:54	1
Tetrachloro-m-xylene	69		10 - 133	03/09/22 17:20	03/10/22 12:54	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.082	U	0.082	0.022	mg/Kg	☆	03/09/22 17:15	03/10/22 13:35	1
Aroclor 1221	0.082	U	0.082	0.022	mg/Kg	☆	03/09/22 17:15	03/10/22 13:35	1
Aroclor 1232	0.082	U	0.082	0.022	mg/Kg	☆	03/09/22 17:15	03/10/22 13:35	1
Aroclor 1242	0.082	U	0.082	0.022	mg/Kg	☆	03/09/22 17:15	03/10/22 13:35	1
Aroclor 1248	0.082	U	0.082	0.022	mg/Kg	☆	03/09/22 17:15	03/10/22 13:35	1
Aroclor 1254	0.082	U	0.082	0.022	mg/Kg	☆	03/09/22 17:15	03/10/22 13:35	1
Aroclor 1260	0.082	U	0.082	0.022	mg/Kg	☆	03/09/22 17:15	03/10/22 13:35	1
Aroclor-1262	0.082	U	0.082	0.022	mg/Kg	☆	03/09/22 17:15	03/10/22 13:35	1
Aroclor 1268	0.082	U	0.082	0.022	mg/Kg	☆	03/09/22 17:15	03/10/22 13:35	1
Polychlorinated biphenyls, Total	0.082	U	0.082	0.022	mg/Kg	☆	03/09/22 17:15	03/10/22 13:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	112		37 - 150	03/09/22 17:15	03/10/22 13:35	1
DCB Decachlorobiphenyl	126		37 - 150	03/09/22 17:15	03/10/22 13:35	1
Tetrachloro-m-xylene	102		54 - 150	03/09/22 17:15	03/10/22 13:35	1
Tetrachloro-m-xylene	105		54 - 150	03/09/22 17:15	03/10/22 13:35	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11800		19.9	5.5	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Antimony	0.99	U	0.99	0.15	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Arsenic	1.1		0.99	0.10	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Barium	82.0		2.0	0.14	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Beryllium	0.41		0.40	0.057	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Cadmium	0.13	J	0.99	0.11	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Calcium	1680		99.3	17.6	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Chromium	32.2		2.0	0.27	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Cobalt	8.6		2.0	0.15	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Copper	20.0		2.0	0.37	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Iron	18600		59.6	20.1	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Lead	6.0		0.60	0.20	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Magnesium	6340		99.3	10.1	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Manganese	406		4.0	0.40	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Nickel	23.2		2.0	0.47	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Potassium	2640		99.3	12.0	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Selenium	1.2	U	1.2	0.13	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Silver	0.99	U	0.99	0.088	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Sodium	124		99.3	45.4	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Thallium	0.23	J	0.40	0.041	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Vanadium	31.9		2.0	0.20	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1
Zinc	53.8		7.9	3.0	mg/Kg	☆	03/12/22 22:10	03/14/22 12:18	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-02_12-14_20220308

Lab Sample ID: 460-253911-4

Date Collected: 03/08/22 11:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 81.2

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	J	0.020	0.0095	mg/Kg	☼	03/11/22 04:02	03/11/22 08:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	18.8		1.0	1.0	%			03/12/22 01:36	1
Percent Solids	81.2		1.0	1.0	%			03/12/22 01:36	1

Client Sample ID: SB-03_1-3_20220308

Lab Sample ID: 460-253911-5

Date Collected: 03/08/22 10:30

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 91.6

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00026	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00056	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00044	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00052	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00028	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
2-Butanone (MEK)	0.0061	U	0.0061	0.00045	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
2-Hexanone	0.0061	U	0.0061	0.0021	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
4-Methyl-2-pentanone (MIBK)	0.0061	U	0.0061	0.0019	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
Acetone	0.0073	U	0.0073	0.0070	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
Benzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
Bromoform	0.0012	U	0.0012	0.00052	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
Carbon tetrachloride	0.0012	U	0.0012	0.00047	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
Chlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
Chlorobromomethane	0.0012	U	0.0012	0.00034	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
Chlorodibromomethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
Chloroethane	0.0012	U	0.0012	0.00064	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
Chloromethane	0.0012	U	0.0012	0.00053	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00044	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
Cyclohexane	0.0012	U	0.0012	0.00027	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
Dichlorobromomethane	0.0012	U	0.0012	0.00031	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00041	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
Ethylbenzene	0.0012	U	0.0012	0.00024	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
Ethylene Dibromide	0.0012	U	0.0012	0.00022	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1
Isopropylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	03/09/22 21:11	03/11/22 21:02	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-03_1-3_20220308

Lab Sample ID: 460-253911-5

Date Collected: 03/08/22 10:30

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 91.6

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	0.0061	U	0.0061	0.0053	mg/Kg	✳	03/09/22 21:11	03/11/22 21:02	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00063	mg/Kg	✳	03/09/22 21:11	03/11/22 21:02	1
Methylcyclohexane	0.0012	U	0.0012	0.00061	mg/Kg	✳	03/09/22 21:11	03/11/22 21:02	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	✳	03/09/22 21:11	03/11/22 21:02	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021	mg/Kg	✳	03/09/22 21:11	03/11/22 21:02	1
o-Xylene	0.0012	U	0.0012	0.00024	mg/Kg	✳	03/09/22 21:11	03/11/22 21:02	1
Styrene	0.0012	U	0.0012	0.00034	mg/Kg	✳	03/09/22 21:11	03/11/22 21:02	1
Tetrachloroethene	0.0012	U	0.0012	0.00037	mg/Kg	✳	03/09/22 21:11	03/11/22 21:02	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	✳	03/09/22 21:11	03/11/22 21:02	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00030	mg/Kg	✳	03/09/22 21:11	03/11/22 21:02	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	✳	03/09/22 21:11	03/11/22 21:02	1
Trichloroethene	0.0012	U	0.0012	0.00039	mg/Kg	✳	03/09/22 21:11	03/11/22 21:02	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00050	mg/Kg	✳	03/09/22 21:11	03/11/22 21:02	1
Vinyl chloride	0.0012	U	0.0012	0.00067	mg/Kg	✳	03/09/22 21:11	03/11/22 21:02	1
Xylenes, Total	0.0024	U	0.0024	0.00079	mg/Kg	✳	03/09/22 21:11	03/11/22 21:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		77 - 145				03/09/22 21:11	03/11/22 21:02	1
4-Bromofluorobenzene	97		70 - 139				03/09/22 21:11	03/11/22 21:02	1
Dibromofluoromethane (Surr)	103		48 - 150				03/09/22 21:11	03/11/22 21:02	1
Toluene-d8 (Surr)	84		80 - 120				03/09/22 21:11	03/11/22 21:02	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.0048	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.0065	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.024	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.046	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
2,4-Dimethylphenol	0.36	U	0.36	0.016	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
2-Chloronaphthalene	0.36	U	0.36	0.017	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
2-Methylphenol	0.36	U	0.36	0.013	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
2-Nitroaniline	0.36	U	0.36	0.013	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
3-Nitroaniline	0.36	U	0.36	0.041	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-03_1-3_20220308

Lab Sample ID: 460-253911-5

Date Collected: 03/08/22 10:30

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 91.6

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	0.36	U	0.36	0.041	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Acenaphthene	0.011	J	0.36	0.010	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Acenaphthylene	0.057	J	0.36	0.0036	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Anthracene	0.052	J	0.36	0.011	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Atrazine	0.15	U	0.15	0.021	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Benzaldehyde	0.36	U	0.36	0.060	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Benzo[a]anthracene	0.60		0.036	0.013	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Benzo[a]pyrene	0.28		0.036	0.0096	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Benzo[b]fluoranthene	0.37		0.036	0.0093	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Benzo[g,h,i]perylene	0.21	J	0.36	0.011	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Benzo[k]fluoranthene	0.14		0.036	0.0071	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.028	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Bis(2-ethylhexyl) phthalate	0.79		0.36	0.019	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Butyl benzyl phthalate	0.23	J	0.36	0.017	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Caprolactam	0.36	U	0.36	0.056	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Carbazole	0.022	J	0.36	0.014	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Chrysene	0.26	J	0.36	0.0061	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Dibenz(a,h)anthracene	0.057		0.036	0.016	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Dibenzofuran	0.0077	J	0.36	0.0051	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Diethyl phthalate	0.36	U	0.36	0.0052	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Di-n-butyl phthalate	0.25	J	0.36	0.014	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Fluoranthene	0.40		0.36	0.013	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Fluorene	0.015	J	0.36	0.0049	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Indeno[1,2,3-cd]pyrene	0.24		0.036	0.014	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Naphthalene	0.013	J	0.36	0.0062	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Nitrobenzene	0.036	U	0.036	0.0087	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Phenanthrene	0.19	J	0.36	0.0063	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Phenol	0.36	U	0.36	0.013	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Pyrene	0.43		0.36	0.0090	mg/Kg	✳	03/10/22 01:16	03/11/22 05:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	65		10 - 123				03/10/22 01:16	03/11/22 05:12	1
2-Fluorobiphenyl	66		14 - 103				03/10/22 01:16	03/11/22 05:12	1
2-Fluorophenol (Surr)	61		10 - 105				03/10/22 01:16	03/11/22 05:12	1
Nitrobenzene-d5 (Surr)	56		11 - 104				03/10/22 01:16	03/11/22 05:12	1
Phenol-d5 (Surr)	62		15 - 100				03/10/22 01:16	03/11/22 05:12	1
Terphenyl-d14 (Surr)	68		12 - 126				03/10/22 01:16	03/11/22 05:12	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-03_1-3_20220308

Lab Sample ID: 460-253911-5

Date Collected: 03/08/22 10:30

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 91.6

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0073	U	0.0073	0.0012	mg/Kg	✱	03/09/22 17:20	03/10/22 13:06	1
4,4'-DDE	0.0052	J	0.0073	0.00086	mg/Kg	✱	03/09/22 17:20	03/10/22 13:06	1
4,4'-DDT	0.021		0.0073	0.0013	mg/Kg	✱	03/09/22 17:20	03/10/22 13:06	1
Aldrin	0.0073	U	0.0073	0.0011	mg/Kg	✱	03/09/22 17:20	03/10/22 13:06	1
alpha-BHC	0.0022	U	0.0022	0.00074	mg/Kg	✱	03/09/22 17:20	03/10/22 13:06	1
beta-BHC	0.0022	U	0.0022	0.00082	mg/Kg	✱	03/09/22 17:20	03/10/22 13:06	1
Chlordane (technical)	0.073	U	0.073	0.018	mg/Kg	✱	03/09/22 17:20	03/10/22 13:06	1
delta-BHC	0.0022	U	0.0022	0.00045	mg/Kg	✱	03/09/22 17:20	03/10/22 13:06	1
Dieldrin	0.0022	U	0.0022	0.00095	mg/Kg	✱	03/09/22 17:20	03/10/22 13:06	1
Endosulfan I	0.0073	U	0.0073	0.0011	mg/Kg	✱	03/09/22 17:20	03/10/22 13:06	1
Endosulfan II	0.0073	U	0.0073	0.0019	mg/Kg	✱	03/09/22 17:20	03/10/22 13:06	1
Endosulfan sulfate	0.0073	U	0.0073	0.00091	mg/Kg	✱	03/09/22 17:20	03/10/22 13:06	1
Endrin	0.0073	U	0.0073	0.0010	mg/Kg	✱	03/09/22 17:20	03/10/22 13:06	1
Endrin aldehyde	0.0073	U	0.0073	0.0017	mg/Kg	✱	03/09/22 17:20	03/10/22 13:06	1
Endrin ketone	0.0073	U	0.0073	0.0014	mg/Kg	✱	03/09/22 17:20	03/10/22 13:06	1
gamma-BHC (Lindane)	0.0022	U	0.0022	0.00068	mg/Kg	✱	03/09/22 17:20	03/10/22 13:06	1
Heptachlor	0.0073	U	0.0073	0.00086	mg/Kg	✱	03/09/22 17:20	03/10/22 13:06	1
Heptachlor epoxide	0.0073	U	0.0073	0.0011	mg/Kg	✱	03/09/22 17:20	03/10/22 13:06	1
Methoxychlor	0.0073	U	0.0073	0.0017	mg/Kg	✱	03/09/22 17:20	03/10/22 13:06	1
Toxaphene	0.073	U	0.073	0.026	mg/Kg	✱	03/09/22 17:20	03/10/22 13:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	90		10 - 150	03/09/22 17:20	03/10/22 13:06	1
DCB Decachlorobiphenyl	82		10 - 150	03/09/22 17:20	03/10/22 13:06	1
Tetrachloro-m-xylene	78		10 - 133	03/09/22 17:20	03/10/22 13:06	1
Tetrachloro-m-xylene	69		10 - 133	03/09/22 17:20	03/10/22 13:06	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.073	U	0.073	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 13:57	1
Aroclor 1221	0.073	U	0.073	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 13:57	1
Aroclor 1232	0.073	U	0.073	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 13:57	1
Aroclor 1242	0.073	U	0.073	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 13:57	1
Aroclor 1248	0.073	U	0.073	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 13:57	1
Aroclor 1254	0.073	U	0.073	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 13:57	1
Aroclor 1260	0.073	U	0.073	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 13:57	1
Aroclor-1262	0.073	U	0.073	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 13:57	1
Aroclor 1268	0.073	U	0.073	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 13:57	1
Polychlorinated biphenyls, Total	0.073	U	0.073	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 13:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	116		37 - 150	03/09/22 17:15	03/10/22 13:57	1
DCB Decachlorobiphenyl	120		37 - 150	03/09/22 17:15	03/10/22 13:57	1
Tetrachloro-m-xylene	97		54 - 150	03/09/22 17:15	03/10/22 13:57	1
Tetrachloro-m-xylene	100		54 - 150	03/09/22 17:15	03/10/22 13:57	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7210		17.6	4.8	mg/Kg	✱	03/12/22 22:10	03/14/22 12:20	1
Antimony	0.17	J	0.88	0.13	mg/Kg	✱	03/12/22 22:10	03/14/22 12:20	1

Euromet Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-03_1-3_20220308

Lab Sample ID: 460-253911-5

Date Collected: 03/08/22 10:30

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 91.6

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.3		0.88	0.091	mg/Kg	✳	03/12/22 22:10	03/14/22 12:20	1
Barium	123		1.8	0.13	mg/Kg	✳	03/12/22 22:10	03/14/22 12:20	1
Beryllium	0.31	J	0.35	0.050	mg/Kg	✳	03/12/22 22:10	03/14/22 12:20	1
Cadmium	0.29	J	0.88	0.10	mg/Kg	✳	03/12/22 22:10	03/14/22 12:20	1
Calcium	24900		88.1	15.6	mg/Kg	✳	03/12/22 22:10	03/14/22 12:20	1
Chromium	17.4		1.8	0.24	mg/Kg	✳	03/12/22 22:10	03/14/22 12:20	1
Cobalt	5.4		1.8	0.13	mg/Kg	✳	03/12/22 22:10	03/14/22 12:20	1
Copper	24.7		1.8	0.32	mg/Kg	✳	03/12/22 22:10	03/14/22 12:20	1
Iron	14400		52.8	17.8	mg/Kg	✳	03/12/22 22:10	03/14/22 12:20	1
Lead	145		0.53	0.18	mg/Kg	✳	03/12/22 22:10	03/14/22 12:20	1
Magnesium	7750		88.1	9.0	mg/Kg	✳	03/12/22 22:10	03/14/22 12:20	1
Manganese	289		3.5	0.35	mg/Kg	✳	03/12/22 22:10	03/14/22 12:20	1
Nickel	16.5		1.8	0.41	mg/Kg	✳	03/12/22 22:10	03/14/22 12:20	1
Potassium	1770		88.1	10.7	mg/Kg	✳	03/12/22 22:10	03/14/22 12:20	1
Selenium	0.17	J	1.1	0.11	mg/Kg	✳	03/12/22 22:10	03/14/22 12:20	1
Silver	0.88	U	0.88	0.078	mg/Kg	✳	03/12/22 22:10	03/14/22 12:20	1
Sodium	228		88.1	40.2	mg/Kg	✳	03/12/22 22:10	03/14/22 12:20	1
Thallium	0.11	J	0.35	0.036	mg/Kg	✳	03/12/22 22:10	03/14/22 12:20	1
Vanadium	23.3		1.8	0.18	mg/Kg	✳	03/12/22 22:10	03/14/22 12:20	1
Zinc	154		7.0	2.7	mg/Kg	✳	03/12/22 22:10	03/14/22 12:20	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.69		0.017	0.0081	mg/Kg	✳	03/11/22 04:02	03/11/22 08:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.4		1.0	1.0	%			03/12/22 01:36	1
Percent Solids	91.6		1.0	1.0	%			03/12/22 01:36	1

Client Sample ID: SB-03_12-14_20220308

Lab Sample ID: 460-253911-6

Date Collected: 03/08/22 10:35

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 79.8

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	✳	03/09/22 21:13	03/11/22 21:24	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00030	mg/Kg	✳	03/09/22 21:13	03/11/22 21:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00042	mg/Kg	✳	03/09/22 21:13	03/11/22 21:24	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00025	mg/Kg	✳	03/09/22 21:13	03/11/22 21:24	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00029	mg/Kg	✳	03/09/22 21:13	03/11/22 21:24	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	✳	03/09/22 21:13	03/11/22 21:24	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.00025	mg/Kg	✳	03/09/22 21:13	03/11/22 21:24	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	✳	03/09/22 21:13	03/11/22 21:24	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00065	mg/Kg	✳	03/09/22 21:13	03/11/22 21:24	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	✳	03/09/22 21:13	03/11/22 21:24	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00042	mg/Kg	✳	03/09/22 21:13	03/11/22 21:24	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00059	mg/Kg	✳	03/09/22 21:13	03/11/22 21:24	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	✳	03/09/22 21:13	03/11/22 21:24	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00032	mg/Kg	✳	03/09/22 21:13	03/11/22 21:24	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-03_12-14_20220308

Lab Sample ID: 460-253911-6

Date Collected: 03/08/22 10:35

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 79.8

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	0.0070	U	0.0070	0.00052	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
2-Hexanone	0.0070	U	0.0070	0.0024	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
4-Methyl-2-pentanone (MIBK)	0.0070	U	0.0070	0.0022	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Acetone	0.0084	U	0.0084	0.0080	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Benzene	0.0014	U	0.0014	0.00036	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Bromoform	0.0014	U	0.0014	0.00060	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Bromomethane	0.0028	U	0.0028	0.0014	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Carbon disulfide	0.0014	U	0.0014	0.00037	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Carbon tetrachloride	0.0014	U	0.0014	0.00054	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Chlorobenzene	0.0014	U	0.0014	0.00025	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Chlorobromomethane	0.0014	U	0.0014	0.00039	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Chlorodibromomethane	0.0014	U	0.0014	0.00027	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Chloroethane	0.0014	U	0.0014	0.00073	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Chloromethane	0.0014	U	0.0014	0.00061	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00050	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Cyclohexane	0.0014	U	0.0014	0.00031	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Dichlorobromomethane	0.0014	U	0.0014	0.00036	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00047	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Ethylbenzene	0.0014	U	0.0014	0.00028	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Ethylene Dibromide	0.0014	U	0.0014	0.00025	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Isopropylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Methyl acetate	0.0070	U	0.0070	0.0060	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00072	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Methylcyclohexane	0.0014	U	0.0014	0.00070	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Methylene Chloride	0.0028	U	0.0028	0.0016	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00024	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
o-Xylene	0.0014	U	0.0014	0.00027	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Styrene	0.0014	U	0.0014	0.00039	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Tetrachloroethene	0.0014	U	0.0014	0.00043	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Toluene	0.0014	U	0.0014	0.00033	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00035	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Trichloroethene	0.0014	U	0.0014	0.00045	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00057	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Vinyl chloride	0.0014	U	0.0014	0.00077	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1
Xylenes, Total	0.0028	U	0.0028	0.00090	mg/Kg	☼	03/09/22 21:13	03/11/22 21:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		77 - 145	03/09/22 21:13	03/11/22 21:24	1
4-Bromofluorobenzene	94		70 - 139	03/09/22 21:13	03/11/22 21:24	1
Dibromofluoromethane (Surr)	104		48 - 150	03/09/22 21:13	03/11/22 21:24	1
Toluene-d8 (Surr)	87		80 - 120	03/09/22 21:13	03/11/22 21:24	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.41	U	0.41	0.0055	mg/Kg	☼	03/10/22 01:16	03/10/22 16:51	1
1,2,4,5-Tetrachlorobenzene	0.41	U	0.41	0.013	mg/Kg	☼	03/10/22 01:16	03/10/22 16:51	1
1,4-Dioxane	0.041	U	0.041	0.036	mg/Kg	☼	03/10/22 01:16	03/10/22 16:51	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-03_12-14_20220308

Lab Sample ID: 460-253911-6

Date Collected: 03/08/22 10:35

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 79.8

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	0.41	U	0.41	0.0075	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
2,3,4,6-Tetrachlorophenol	0.41	U	0.41	0.028	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
2,4,5-Trichlorophenol	0.41	U	0.41	0.042	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
2,4,6-Trichlorophenol	0.17	U	0.17	0.053	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
2,4-Dichlorophenol	0.17	U	0.17	0.027	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
2,4-Dimethylphenol	0.41	U	0.41	0.018	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
2,4-Dinitrophenol	0.33	U	0.33	0.20	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
2,4-Dinitrotoluene	0.084	U	0.084	0.045	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
2,6-Dinitrotoluene	0.084	U	0.084	0.030	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
2-Chloronaphthalene	0.41	U	0.41	0.019	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
2-Chlorophenol	0.41	U	0.41	0.015	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
2-Methylnaphthalene	0.41	U	0.41	0.012	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
2-Methylphenol	0.41	U	0.41	0.015	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
2-Nitroaniline	0.41	U	0.41	0.015	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
2-Nitrophenol	0.41	U	0.41	0.041	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
3,3'-Dichlorobenzidine	0.17	U	0.17	0.063	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
3-Nitroaniline	0.41	U	0.41	0.047	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
4,6-Dinitro-2-methylphenol	0.33	U	0.33	0.17	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
4-Bromophenyl phenyl ether	0.41	U	0.41	0.016	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
4-Chloro-3-methylphenol	0.41	U	0.41	0.023	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
4-Chloroaniline	0.41	U	0.41	0.073	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
4-Chlorophenyl phenyl ether	0.41	U	0.41	0.015	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
4-Methylphenol	0.41	U	0.41	0.026	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
4-Nitroaniline	0.41	U	0.41	0.048	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
4-Nitrophenol	0.84	U	0.84	0.067	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Acenaphthene	0.41	U	0.41	0.012	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Acenaphthylene	0.41	U	0.41	0.0042	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Acetophenone	0.41	U	0.41	0.020	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Anthracene	0.41	U	0.41	0.013	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Atrazine	0.17	U	0.17	0.024	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Benzaldehyde	0.41	U	0.41	0.068	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Benzo[a]anthracene	0.041	U	0.041	0.014	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Benzo[a]pyrene	0.041	U	0.041	0.011	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Benzo[b]fluoranthene	0.041	U	0.041	0.011	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Benzo[g,h,i]perylene	0.41	U	0.41	0.012	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Benzo[k]fluoranthene	0.041	U	0.041	0.0081	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Bis(2-chloroethoxy)methane	0.41	U	0.41	0.032	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Bis(2-chloroethyl)ether	0.041	U	0.041	0.014	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Bis(2-ethylhexyl) phthalate	0.41	U	0.41	0.022	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Butyl benzyl phthalate	0.41	U	0.41	0.019	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Caprolactam	0.41	U	0.41	0.064	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Carbazole	0.41	U	0.41	0.016	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Chrysene	0.41	U	0.41	0.0070	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Dibenz(a,h)anthracene	0.041	U	0.041	0.018	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Dibenzofuran	0.41	U	0.41	0.0058	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Diethyl phthalate	0.41	U	0.41	0.0060	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Dimethyl phthalate	0.41	U	0.41	0.094	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Di-n-butyl phthalate	0.41	U	0.41	0.016	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1
Di-n-octyl phthalate	0.41	U	0.41	0.022	mg/Kg	✱	03/10/22 01:16	03/10/22 16:51	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-03_12-14_20220308

Lab Sample ID: 460-253911-6

Date Collected: 03/08/22 10:35

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 79.8

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	0.41	U	0.41	0.014	mg/Kg	☼	03/10/22 01:16	03/10/22 16:51	1
Fluorene	0.41	U	0.41	0.0056	mg/Kg	☼	03/10/22 01:16	03/10/22 16:51	1
Hexachlorobenzene	0.041	U	0.041	0.020	mg/Kg	☼	03/10/22 01:16	03/10/22 16:51	1
Hexachlorobutadiene	0.084	U	0.084	0.0088	mg/Kg	☼	03/10/22 01:16	03/10/22 16:51	1
Hexachlorocyclopentadiene	0.41	U	0.41	0.036	mg/Kg	☼	03/10/22 01:16	03/10/22 16:51	1
Hexachloroethane	0.041	U	0.041	0.014	mg/Kg	☼	03/10/22 01:16	03/10/22 16:51	1
Indeno[1,2,3-cd]pyrene	0.041	U	0.041	0.016	mg/Kg	☼	03/10/22 01:16	03/10/22 16:51	1
Isophorone	0.17	U	0.17	0.12	mg/Kg	☼	03/10/22 01:16	03/10/22 16:51	1
Naphthalene	0.41	U	0.41	0.0072	mg/Kg	☼	03/10/22 01:16	03/10/22 16:51	1
Nitrobenzene	0.041	U	0.041	0.0099	mg/Kg	☼	03/10/22 01:16	03/10/22 16:51	1
N-Nitrosodi-n-propylamine	0.041	U	0.041	0.030	mg/Kg	☼	03/10/22 01:16	03/10/22 16:51	1
N-Nitrosodiphenylamine	0.41	U	0.41	0.034	mg/Kg	☼	03/10/22 01:16	03/10/22 16:51	1
Pentachlorophenol	0.33	U	0.33	0.085	mg/Kg	☼	03/10/22 01:16	03/10/22 16:51	1
Phenanthrene	0.41	U	0.41	0.0073	mg/Kg	☼	03/10/22 01:16	03/10/22 16:51	1
Phenol	0.41	U	0.41	0.015	mg/Kg	☼	03/10/22 01:16	03/10/22 16:51	1
Pyrene	0.41	U	0.41	0.010	mg/Kg	☼	03/10/22 01:16	03/10/22 16:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	48		10 - 123	03/10/22 01:16	03/10/22 16:51	1
2-Fluorobiphenyl	54		14 - 103	03/10/22 01:16	03/10/22 16:51	1
2-Fluorophenol (Surr)	57		10 - 105	03/10/22 01:16	03/10/22 16:51	1
Nitrobenzene-d5 (Surr)	55		11 - 104	03/10/22 01:16	03/10/22 16:51	1
Phenol-d5 (Surr)	53		15 - 100	03/10/22 01:16	03/10/22 16:51	1
Terphenyl-d14 (Surr)	63		12 - 126	03/10/22 01:16	03/10/22 16:51	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0084	U	0.0084	0.0014	mg/Kg	☼	03/09/22 17:20	03/10/22 13:18	1
4,4'-DDE	0.0084	U	0.0084	0.00099	mg/Kg	☼	03/09/22 17:20	03/10/22 13:18	1
4,4'-DDT	0.0084	U	0.0084	0.0015	mg/Kg	☼	03/09/22 17:20	03/10/22 13:18	1
Aldrin	0.0084	U	0.0084	0.0013	mg/Kg	☼	03/09/22 17:20	03/10/22 13:18	1
alpha-BHC	0.0025	U	0.0025	0.00085	mg/Kg	☼	03/09/22 17:20	03/10/22 13:18	1
beta-BHC	0.0025	U	0.0025	0.00094	mg/Kg	☼	03/09/22 17:20	03/10/22 13:18	1
Chlordane (technical)	0.084	U	0.084	0.020	mg/Kg	☼	03/09/22 17:20	03/10/22 13:18	1
delta-BHC	0.0025	U	0.0025	0.00051	mg/Kg	☼	03/09/22 17:20	03/10/22 13:18	1
Dieldrin	0.0025	U	0.0025	0.0011	mg/Kg	☼	03/09/22 17:20	03/10/22 13:18	1
Endosulfan I	0.0084	U	0.0084	0.0013	mg/Kg	☼	03/09/22 17:20	03/10/22 13:18	1
Endosulfan II	0.0084	U	0.0084	0.0021	mg/Kg	☼	03/09/22 17:20	03/10/22 13:18	1
Endosulfan sulfate	0.0084	U	0.0084	0.0010	mg/Kg	☼	03/09/22 17:20	03/10/22 13:18	1
Endrin	0.0084	U	0.0084	0.0012	mg/Kg	☼	03/09/22 17:20	03/10/22 13:18	1
Endrin aldehyde	0.0084	U	0.0084	0.0020	mg/Kg	☼	03/09/22 17:20	03/10/22 13:18	1
Endrin ketone	0.0084	U	0.0084	0.0016	mg/Kg	☼	03/09/22 17:20	03/10/22 13:18	1
gamma-BHC (Lindane)	0.0025	U	0.0025	0.00077	mg/Kg	☼	03/09/22 17:20	03/10/22 13:18	1
Heptachlor	0.0084	U	0.0084	0.00099	mg/Kg	☼	03/09/22 17:20	03/10/22 13:18	1
Heptachlor epoxide	0.0084	U	0.0084	0.0012	mg/Kg	☼	03/09/22 17:20	03/10/22 13:18	1
Methoxychlor	0.0084	U	0.0084	0.0019	mg/Kg	☼	03/09/22 17:20	03/10/22 13:18	1
Toxaphene	0.084	U	0.084	0.030	mg/Kg	☼	03/09/22 17:20	03/10/22 13:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	94		10 - 150	03/09/22 17:20	03/10/22 13:18	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-03_12-14_20220308

Lab Sample ID: 460-253911-6

Date Collected: 03/08/22 10:35

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 79.8

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	92		10 - 150	03/09/22 17:20	03/10/22 13:18	1
Tetrachloro-m-xylene	84		10 - 133	03/09/22 17:20	03/10/22 13:18	1
Tetrachloro-m-xylene	75		10 - 133	03/09/22 17:20	03/10/22 13:18	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.084	U	0.084	0.022	mg/Kg	☆	03/09/22 17:15	03/10/22 14:19	1
Aroclor 1221	0.084	U	0.084	0.022	mg/Kg	☆	03/09/22 17:15	03/10/22 14:19	1
Aroclor 1232	0.084	U	0.084	0.022	mg/Kg	☆	03/09/22 17:15	03/10/22 14:19	1
Aroclor 1242	0.084	U	0.084	0.022	mg/Kg	☆	03/09/22 17:15	03/10/22 14:19	1
Aroclor 1248	0.084	U	0.084	0.022	mg/Kg	☆	03/09/22 17:15	03/10/22 14:19	1
Aroclor 1254	0.084	U	0.084	0.022	mg/Kg	☆	03/09/22 17:15	03/10/22 14:19	1
Aroclor 1260	0.084	U	0.084	0.022	mg/Kg	☆	03/09/22 17:15	03/10/22 14:19	1
Aroclor-1262	0.084	U	0.084	0.022	mg/Kg	☆	03/09/22 17:15	03/10/22 14:19	1
Aroclor 1268	0.084	U	0.084	0.022	mg/Kg	☆	03/09/22 17:15	03/10/22 14:19	1
Polychlorinated biphenyls, Total	0.084	U	0.084	0.022	mg/Kg	☆	03/09/22 17:15	03/10/22 14:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	113		37 - 150	03/09/22 17:15	03/10/22 14:19	1
DCB Decachlorobiphenyl	128		37 - 150	03/09/22 17:15	03/10/22 14:19	1
Tetrachloro-m-xylene	104		54 - 150	03/09/22 17:15	03/10/22 14:19	1
Tetrachloro-m-xylene	107		54 - 150	03/09/22 17:15	03/10/22 14:19	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8320		19.6	5.4	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Antimony	0.98	U	0.98	0.14	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Arsenic	1.1		0.98	0.10	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Barium	41.1		2.0	0.14	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Beryllium	0.34	J	0.39	0.056	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Cadmium	0.98	U	0.98	0.11	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Calcium	2370		98.0	17.3	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Chromium	20.4		2.0	0.26	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Cobalt	7.1		2.0	0.14	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Copper	18.3		2.0	0.36	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Iron	15400		58.8	19.8	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Lead	5.0		0.59	0.20	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Magnesium	4710		98.0	10	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Manganese	337		3.9	0.39	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Nickel	16.4		2.0	0.46	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Potassium	1430		98.0	11.9	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Selenium	1.2	U	1.2	0.13	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Silver	0.98	U	0.98	0.087	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Sodium	108		98.0	44.8	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Thallium	0.13	J	0.39	0.040	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Vanadium	24.5		2.0	0.20	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1
Zinc	40.2		7.8	3.0	mg/Kg	☆	03/12/22 22:10	03/14/22 12:23	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-03_12-14_20220308

Lab Sample ID: 460-253911-6

Date Collected: 03/08/22 10:35

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 79.8

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019	U	0.019	0.0089	mg/Kg	☼	03/11/22 04:02	03/11/22 08:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	20.2		1.0	1.0	%			03/12/22 01:36	1
Percent Solids	79.8		1.0	1.0	%			03/12/22 01:36	1

Client Sample ID: SB-07_1-3_20220308

Lab Sample ID: 460-253911-7

Date Collected: 03/08/22 09:00

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 93.2

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00033	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00019	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00023	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00020	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00050	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00039	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00046	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00025	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
2-Butanone (MEK)	0.0055	U	0.0055	0.00040	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
2-Hexanone	0.0055	U	0.0055	0.0019	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
4-Methyl-2-pentanone (MIBK)	0.0055	U	0.0055	0.0017	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Acetone	0.0066	U	0.0066	0.0062	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Benzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Bromoform	0.0011	U	0.0011	0.00046	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Carbon disulfide	0.0011	U	0.0011	0.00029	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Carbon tetrachloride	0.0011	U	0.0011	0.00042	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Chlorobenzene	0.0011	U	0.0011	0.00019	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Chlorobromomethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Chlorodibromomethane	0.0011	U	0.0011	0.00021	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Chloroethane	0.0011	U	0.0011	0.00057	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Chloromethane	0.0011	U	0.0011	0.00048	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00039	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Cyclohexane	0.0011	U	0.0011	0.00024	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Dichlorobromomethane	0.0011	U	0.0011	0.00028	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00037	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Ethylbenzene	0.0011	U	0.0011	0.00022	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Ethylene Dibromide	0.0011	U	0.0011	0.00020	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Isopropylbenzene	0.0011	U	0.0011	0.00031	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-07_1-3_20220308

Lab Sample ID: 460-253911-7

Date Collected: 03/08/22 09:00

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 93.2

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	0.0055	U	0.0055	0.0047	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00056	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Methylcyclohexane	0.0011	U	0.0011	0.00055	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00019	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
o-Xylene	0.0011	U	0.0011	0.00021	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Styrene	0.0011	U	0.0011	0.00030	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Tetrachloroethene	0.0011	U	0.0011	0.00033	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00029	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Trichloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00044	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Vinyl chloride	0.0011	U	0.0011	0.00060	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Xylenes, Total	0.0022	U	0.0022	0.00070	mg/Kg	☼	03/09/22 21:14	03/11/22 21:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 145				03/09/22 21:14	03/11/22 21:47	1
4-Bromofluorobenzene	93		70 - 139				03/09/22 21:14	03/11/22 21:47	1
Dibromofluoromethane (Surr)	105		48 - 150				03/09/22 21:14	03/11/22 21:47	1
Toluene-d8 (Surr)	87		80 - 120				03/09/22 21:14	03/11/22 21:47	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.0047	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.0064	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
2,4-Dichlorophenol	0.14	U	0.14	0.023	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
2,4-Dimethylphenol	0.35	U	0.35	0.016	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
2,4-Dinitrotoluene	0.072	U	0.072	0.038	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
2,6-Dinitrotoluene	0.072	U	0.072	0.026	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
2-Chloronaphthalene	0.35	U	0.35	0.016	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
2-Chlorophenol	0.35	U	0.35	0.013	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
2-Methylnaphthalene	0.35	U	0.35	0.0099	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
2-Nitroaniline	0.35	U	0.35	0.013	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
3-Nitroaniline	0.35	U	0.35	0.040	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
4-Chloroaniline	0.35	U	0.35	0.063	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	☼	03/10/22 01:16	03/10/22 17:26	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-07_1-3_20220308

Lab Sample ID: 460-253911-7

Date Collected: 03/08/22 09:00

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 93.2

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	0.35	U	0.35	0.041	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
4-Nitrophenol	0.72	U	0.72	0.058	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Acenaphthylene	0.35	U	0.35	0.0036	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Anthracene	0.011	J	0.35	0.011	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Benzaldehyde	0.35	U	0.35	0.059	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Benzo[a]anthracene	0.054		0.035	0.012	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Benzo[a]pyrene	0.042		0.035	0.0094	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Benzo[b]fluoranthene	0.059		0.035	0.0092	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Benzo[k]fluoranthene	0.034	J	0.035	0.0069	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.028	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Butyl benzyl phthalate	0.35	U	0.35	0.017	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Caprolactam	0.35	U	0.35	0.055	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Chrysene	0.053	J	0.35	0.0060	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Dibenzofuran	0.35	U	0.35	0.0050	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Diethyl phthalate	0.35	U	0.35	0.0051	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Fluoranthene	0.098	J	0.35	0.012	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Fluorene	0.35	U	0.35	0.0048	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Hexachlorobutadiene	0.072	U	0.072	0.0075	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Indeno[1,2,3-cd]pyrene	0.056		0.035	0.014	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Nitrobenzene	0.035	U	0.035	0.0085	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.026	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Pentachlorophenol	0.28	U	0.28	0.073	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Phenanthrene	0.036	J	0.35	0.0062	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Phenol	0.35	U	0.35	0.013	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Pyrene	0.094	J	0.35	0.0088	mg/Kg	✳	03/10/22 01:16	03/10/22 17:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	51		10 - 123				03/10/22 01:16	03/10/22 17:26	1
2-Fluorobiphenyl	66		14 - 103				03/10/22 01:16	03/10/22 17:26	1
2-Fluorophenol (Surr)	67		10 - 105				03/10/22 01:16	03/10/22 17:26	1
Nitrobenzene-d5 (Surr)	66		11 - 104				03/10/22 01:16	03/10/22 17:26	1
Phenol-d5 (Surr)	63		15 - 100				03/10/22 01:16	03/10/22 17:26	1
Terphenyl-d14 (Surr)	81		12 - 126				03/10/22 01:16	03/10/22 17:26	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-07_1-3_20220308

Lab Sample ID: 460-253911-7

Date Collected: 03/08/22 09:00

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 93.2

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	✱	03/09/22 17:20	03/10/22 13:31	1
4,4'-DDE	0.0041	J	0.0071	0.00084	mg/Kg	✱	03/09/22 17:20	03/10/22 13:31	1
4,4'-DDT	0.0023	J	0.0071	0.0013	mg/Kg	✱	03/09/22 17:20	03/10/22 13:31	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	✱	03/09/22 17:20	03/10/22 13:31	1
alpha-BHC	0.0021	U	0.0021	0.00073	mg/Kg	✱	03/09/22 17:20	03/10/22 13:31	1
beta-BHC	0.0021	U	0.0021	0.00080	mg/Kg	✱	03/09/22 17:20	03/10/22 13:31	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	✱	03/09/22 17:20	03/10/22 13:31	1
delta-BHC	0.0021	U	0.0021	0.00044	mg/Kg	✱	03/09/22 17:20	03/10/22 13:31	1
Dieldrin	0.0021	U	0.0021	0.00093	mg/Kg	✱	03/09/22 17:20	03/10/22 13:31	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	✱	03/09/22 17:20	03/10/22 13:31	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	✱	03/09/22 17:20	03/10/22 13:31	1
Endosulfan sulfate	0.0071	U	0.0071	0.00090	mg/Kg	✱	03/09/22 17:20	03/10/22 13:31	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	✱	03/09/22 17:20	03/10/22 13:31	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	✱	03/09/22 17:20	03/10/22 13:31	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	✱	03/09/22 17:20	03/10/22 13:31	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	✱	03/09/22 17:20	03/10/22 13:31	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	✱	03/09/22 17:20	03/10/22 13:31	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	✱	03/09/22 17:20	03/10/22 13:31	1
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	✱	03/09/22 17:20	03/10/22 13:31	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	✱	03/09/22 17:20	03/10/22 13:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	82		10 - 150	03/09/22 17:20	03/10/22 13:31	1
DCB Decachlorobiphenyl	80		10 - 150	03/09/22 17:20	03/10/22 13:31	1
Tetrachloro-m-xylene	77		10 - 133	03/09/22 17:20	03/10/22 13:31	1
Tetrachloro-m-xylene	68		10 - 133	03/09/22 17:20	03/10/22 13:31	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 14:41	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 14:41	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 14:41	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 14:41	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 14:41	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 14:41	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 14:41	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 14:41	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 14:41	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 14:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	110		37 - 150	03/09/22 17:15	03/10/22 14:41	1
DCB Decachlorobiphenyl	121		37 - 150	03/09/22 17:15	03/10/22 14:41	1
Tetrachloro-m-xylene	99		54 - 150	03/09/22 17:15	03/10/22 14:41	1
Tetrachloro-m-xylene	103		54 - 150	03/09/22 17:15	03/10/22 14:41	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7300		16.6	4.6	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1
Antimony	0.83	U	0.83	0.12	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-07_1-3_20220308

Lab Sample ID: 460-253911-7

Date Collected: 03/08/22 09:00

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 93.2

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.5		0.83	0.086	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1
Barium	52.0		1.7	0.12	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1
Beryllium	0.34		0.33	0.047	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1
Cadmium	0.099	J	0.83	0.094	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1
Calcium	7140		83.2	14.7	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1
Chromium	19.3		1.7	0.22	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1
Cobalt	6.6		1.7	0.12	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1
Copper	24.0		1.7	0.31	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1
Iron	13700		49.9	16.8	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1
Lead	42.4		0.50	0.17	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1
Magnesium	4530		83.2	8.5	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1
Manganese	286		3.3	0.34	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1
Nickel	24.1		1.7	0.39	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1
Potassium	1780		83.2	10.1	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1
Selenium	0.14	J	1.0	0.11	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1
Silver	0.17	J	0.83	0.074	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1
Sodium	431		83.2	38.0	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1
Thallium	0.13	J	0.33	0.034	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1
Vanadium	24.7		1.7	0.17	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1
Zinc	54.8		6.7	2.5	mg/Kg	✱	03/12/22 22:10	03/14/22 12:53	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.24		0.018	0.0086	mg/Kg	✱	03/11/22 04:19	03/11/22 08:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.8		1.0	1.0	%			03/12/22 01:36	1
Percent Solids	93.2		1.0	1.0	%			03/12/22 01:36	1

Client Sample ID: SB-07_12-14_20220308

Lab Sample ID: 460-253911-8

Date Collected: 03/08/22 09:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 97.2

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00027	mg/Kg	✱	03/09/22 21:16	03/11/22 22:09	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025	mg/Kg	✱	03/09/22 21:16	03/11/22 22:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00035	mg/Kg	✱	03/09/22 21:16	03/11/22 22:09	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021	mg/Kg	✱	03/09/22 21:16	03/11/22 22:09	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00024	mg/Kg	✱	03/09/22 21:16	03/11/22 22:09	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00026	mg/Kg	✱	03/09/22 21:16	03/11/22 22:09	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	✱	03/09/22 21:16	03/11/22 22:09	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	✱	03/09/22 21:16	03/11/22 22:09	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00054	mg/Kg	✱	03/09/22 21:16	03/11/22 22:09	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	✱	03/09/22 21:16	03/11/22 22:09	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	✱	03/09/22 21:16	03/11/22 22:09	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00049	mg/Kg	✱	03/09/22 21:16	03/11/22 22:09	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	✱	03/09/22 21:16	03/11/22 22:09	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00026	mg/Kg	✱	03/09/22 21:16	03/11/22 22:09	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-07_12-14_20220308

Lab Sample ID: 460-253911-8

Date Collected: 03/08/22 09:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 97.2

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	0.0058	U	0.0058	0.00043	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
2-Hexanone	0.0058	U	0.0058	0.0020	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
4-Methyl-2-pentanone (MIBK)	0.0058	U	0.0058	0.0018	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Acetone	0.0070	U	0.0070	0.0067	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Benzene	0.0012	U	0.0012	0.00030	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Bromomethane	0.0023	U	0.0023	0.0012	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Carbon tetrachloride	0.0012	U	0.0012	0.00045	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Chlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Chlorobromomethane	0.0012	U	0.0012	0.00033	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Chlorodibromomethane	0.0012	U	0.0012	0.00023	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Chloroethane	0.0012	U	0.0012	0.00061	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Chloromethane	0.0012	U	0.0012	0.00051	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Ethylbenzene	0.0012	U	0.0012	0.00023	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Ethylene Dibromide	0.0012	U	0.0012	0.00021	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Isopropylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Methyl acetate	0.0058	U	0.0058	0.0050	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00060	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Methylcyclohexane	0.0012	U	0.0012	0.00058	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00020	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
o-Xylene	0.0012	U	0.0012	0.00023	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Toluene	0.0012	U	0.0012	0.00027	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00047	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Vinyl chloride	0.0012	U	0.0012	0.00064	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1
Xylenes, Total	0.0023	U	0.0023	0.00075	mg/Kg	✳	03/09/22 21:16	03/11/22 22:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		77 - 145	03/09/22 21:16	03/11/22 22:09	1
4-Bromofluorobenzene	95		70 - 139	03/09/22 21:16	03/11/22 22:09	1
Dibromofluoromethane (Surr)	102		48 - 150	03/09/22 21:16	03/11/22 22:09	1
Toluene-d8 (Surr)	82		80 - 120	03/09/22 21:16	03/11/22 22:09	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.0045	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-07_12-14_20220308

Lab Sample ID: 460-253911-8

Date Collected: 03/08/22 09:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 97.2

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.0062	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
2,4-Dimethylphenol	0.34	U	0.34	0.015	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
2-Chloronaphthalene	0.34	U	0.34	0.016	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
2-Methylnaphthalene	0.34	U	0.34	0.0095	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
2-Nitroaniline	0.34	U	0.34	0.013	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
3-Nitroaniline	0.34	U	0.34	0.038	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
4-Nitroaniline	0.34	U	0.34	0.039	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
4-Nitrophenol	0.69	U	0.69	0.056	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Acenaphthene	0.34	U	0.34	0.0097	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Acenaphthylene	0.34	U	0.34	0.0034	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Benzo[a]anthracene	0.034	U	0.034	0.012	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Benzo[a]pyrene	0.034	U	0.034	0.0091	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0088	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0067	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.027	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Chrysene	0.34	U	0.34	0.0058	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Dibenzofuran	0.34	U	0.34	0.0048	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Diethyl phthalate	0.34	U	0.34	0.0049	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	✳	03/10/22 01:16	03/10/22 16:34	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-07_12-14_20220308

Lab Sample ID: 460-253911-8

Date Collected: 03/08/22 09:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 97.2

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	✱	03/10/22 01:16	03/10/22 16:34	1
Fluorene	0.34	U	0.34	0.0046	mg/Kg	✱	03/10/22 01:16	03/10/22 16:34	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	✱	03/10/22 01:16	03/10/22 16:34	1
Hexachlorobutadiene	0.069	U	0.069	0.0072	mg/Kg	✱	03/10/22 01:16	03/10/22 16:34	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	✱	03/10/22 01:16	03/10/22 16:34	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	✱	03/10/22 01:16	03/10/22 16:34	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	✱	03/10/22 01:16	03/10/22 16:34	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	✱	03/10/22 01:16	03/10/22 16:34	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	✱	03/10/22 01:16	03/10/22 16:34	1
Nitrobenzene	0.034	U	0.034	0.0082	mg/Kg	✱	03/10/22 01:16	03/10/22 16:34	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	✱	03/10/22 01:16	03/10/22 16:34	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	✱	03/10/22 01:16	03/10/22 16:34	1
Pentachlorophenol	0.27	U	0.27	0.070	mg/Kg	✱	03/10/22 01:16	03/10/22 16:34	1
Phenanthrene	0.34	U	0.34	0.0060	mg/Kg	✱	03/10/22 01:16	03/10/22 16:34	1
Phenol	0.34	U	0.34	0.013	mg/Kg	✱	03/10/22 01:16	03/10/22 16:34	1
Pyrene	0.34	U	0.34	0.0085	mg/Kg	✱	03/10/22 01:16	03/10/22 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	53		10 - 123	03/10/22 01:16	03/10/22 16:34	1
2-Fluorobiphenyl	56		14 - 103	03/10/22 01:16	03/10/22 16:34	1
2-Fluorophenol (Surr)	59		10 - 105	03/10/22 01:16	03/10/22 16:34	1
Nitrobenzene-d5 (Surr)	56		11 - 104	03/10/22 01:16	03/10/22 16:34	1
Phenol-d5 (Surr)	54		15 - 100	03/10/22 01:16	03/10/22 16:34	1
Terphenyl-d14 (Surr)	65		12 - 126	03/10/22 01:16	03/10/22 16:34	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	✱	03/09/22 17:20	03/10/22 13:43	1
4,4'-DDE	0.0069	U	0.0069	0.00081	mg/Kg	✱	03/09/22 17:20	03/10/22 13:43	1
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	✱	03/09/22 17:20	03/10/22 13:43	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	✱	03/09/22 17:20	03/10/22 13:43	1
alpha-BHC	0.0021	U	0.0021	0.00070	mg/Kg	✱	03/09/22 17:20	03/10/22 13:43	1
beta-BHC	0.0021	U	0.0021	0.00077	mg/Kg	✱	03/09/22 17:20	03/10/22 13:43	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	✱	03/09/22 17:20	03/10/22 13:43	1
delta-BHC	0.0021	U	0.0021	0.00042	mg/Kg	✱	03/09/22 17:20	03/10/22 13:43	1
Dieldrin	0.0021	U	0.0021	0.00089	mg/Kg	✱	03/09/22 17:20	03/10/22 13:43	1
Endosulfan I	0.0069	U	0.0069	0.0010	mg/Kg	✱	03/09/22 17:20	03/10/22 13:43	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	✱	03/09/22 17:20	03/10/22 13:43	1
Endosulfan sulfate	0.0069	U	0.0069	0.00086	mg/Kg	✱	03/09/22 17:20	03/10/22 13:43	1
Endrin	0.0069	U	0.0069	0.00099	mg/Kg	✱	03/09/22 17:20	03/10/22 13:43	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	✱	03/09/22 17:20	03/10/22 13:43	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	✱	03/09/22 17:20	03/10/22 13:43	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00064	mg/Kg	✱	03/09/22 17:20	03/10/22 13:43	1
Heptachlor	0.0069	U	0.0069	0.00081	mg/Kg	✱	03/09/22 17:20	03/10/22 13:43	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	✱	03/09/22 17:20	03/10/22 13:43	1
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	✱	03/09/22 17:20	03/10/22 13:43	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	✱	03/09/22 17:20	03/10/22 13:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	91		10 - 150	03/09/22 17:20	03/10/22 13:43	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-07_12-14_20220308

Lab Sample ID: 460-253911-8

Date Collected: 03/08/22 09:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 97.2

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	93		10 - 150	03/09/22 17:20	03/10/22 13:43	1
Tetrachloro-m-xylene	83		10 - 133	03/09/22 17:20	03/10/22 13:43	1
Tetrachloro-m-xylene	76		10 - 133	03/09/22 17:20	03/10/22 13:43	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☆	03/09/22 17:15	03/10/22 15:03	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☆	03/09/22 17:15	03/10/22 15:03	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☆	03/09/22 17:15	03/10/22 15:03	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☆	03/09/22 17:15	03/10/22 15:03	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☆	03/09/22 17:15	03/10/22 15:03	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☆	03/09/22 17:15	03/10/22 15:03	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☆	03/09/22 17:15	03/10/22 15:03	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☆	03/09/22 17:15	03/10/22 15:03	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☆	03/09/22 17:15	03/10/22 15:03	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☆	03/09/22 17:15	03/10/22 15:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	128		37 - 150	03/09/22 17:15	03/10/22 15:03	1
DCB Decachlorobiphenyl	145		37 - 150	03/09/22 17:15	03/10/22 15:03	1
Tetrachloro-m-xylene	116		54 - 150	03/09/22 17:15	03/10/22 15:03	1
Tetrachloro-m-xylene	121		54 - 150	03/09/22 17:15	03/10/22 15:03	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4160		15.8	4.3	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Antimony	0.79	U	0.79	0.12	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Arsenic	0.99		0.79	0.082	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Barium	19.0		1.6	0.11	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Beryllium	0.17	J	0.32	0.045	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Cadmium	0.79	U	0.79	0.089	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Calcium	1810		79.1	14.0	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Chromium	11.8		1.6	0.21	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Cobalt	5.3		1.6	0.12	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Copper	20.4		1.6	0.29	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Iron	10200		47.5	16.0	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Lead	3.5		0.47	0.16	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Magnesium	3180		79.1	8.1	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Manganese	178		3.2	0.32	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Nickel	11.2		1.6	0.37	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Potassium	708		79.1	9.6	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Selenium	0.99	U	0.99	0.10	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Silver	0.79	U	0.79	0.070	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Sodium	185		79.1	36.2	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Thallium	0.074	J	0.32	0.032	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Vanadium	15.4		1.6	0.16	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1
Zinc	20.4		6.3	2.4	mg/Kg	☆	03/12/22 22:10	03/14/22 12:55	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-07_12-14_20220308

Lab Sample ID: 460-253911-8

Date Collected: 03/08/22 09:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 97.2

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	U	0.016	0.0075	mg/Kg	☼	03/11/22 04:19	03/11/22 08:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.8		1.0	1.0	%			03/12/22 01:36	1
Percent Solids	97.2		1.0	1.0	%			03/12/22 01:36	1

Client Sample ID: SB-08_1-3_20220308

Lab Sample ID: 460-253911-9

Date Collected: 03/08/22 09:30

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 88.4

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00022	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00019	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00019	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00048	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00031	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00044	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00038	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
2-Butanone (MEK)	0.0052	U	0.0052	0.00038	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
2-Hexanone	0.0052	U	0.0052	0.0018	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
4-Methyl-2-pentanone (MIBK)	0.0052	U	0.0052	0.0016	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Acetone	0.0063	U	0.0063	0.0060	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Benzene	0.0010	U	0.0010	0.00027	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Bromoform	0.0010	U	0.0010	0.00044	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Bromomethane	0.0021	U	0.0021	0.0010	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Carbon disulfide	0.0010	U	0.0010	0.00028	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Chlorobromomethane	0.0010	U	0.0010	0.00029	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Chlorodibromomethane	0.0010	U	0.0010	0.00020	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Chloroethane	0.0010	U	0.0010	0.00054	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Chloromethane	0.0010	U	0.0010	0.00045	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Dichlorobromomethane	0.0010	U	0.0010	0.00027	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Ethylbenzene	0.0010	U	0.0010	0.00021	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Ethylene Dibromide	0.0010	U	0.0010	0.00019	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Isopropylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-08_1-3_20220308

Lab Sample ID: 460-253911-9

Date Collected: 03/08/22 09:30

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 88.4

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	0.0052	U	0.0052	0.0045	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00053	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Methylcyclohexane	0.0010	U	0.0010	0.00052	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Methylene Chloride	0.0021	U	0.0021	0.0012	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00018	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
o-Xylene	0.0010	U	0.0010	0.00020	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Styrene	0.0010	U	0.0010	0.00029	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Tetrachloroethene	0.0010	U	0.0010	0.00032	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00026	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00042	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Vinyl chloride	0.0010	U	0.0010	0.00057	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Xylenes, Total	0.0021	U	0.0021	0.00067	mg/Kg	☼	03/09/22 21:18	03/11/22 22:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 145				03/09/22 21:18	03/11/22 22:31	1
4-Bromofluorobenzene	97		70 - 139				03/09/22 21:18	03/11/22 22:31	1
Dibromofluoromethane (Surr)	106		48 - 150				03/09/22 21:18	03/11/22 22:31	1
Toluene-d8 (Surr)	85		80 - 120				03/09/22 21:18	03/11/22 22:31	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.0050	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.012	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
1,4-Dioxane	0.037	U	0.037	0.033	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.0068	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.038	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.048	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
2,4-Dimethylphenol	0.37	U	0.37	0.016	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
2,4-Dinitrotoluene	0.076	U	0.076	0.040	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
2,6-Dinitrotoluene	0.076	U	0.076	0.027	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
2-Chloronaphthalene	0.37	U	0.37	0.017	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
2-Nitroaniline	0.37	U	0.37	0.014	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.056	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
3-Nitroaniline	0.37	U	0.37	0.042	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
4-Chloroaniline	0.37	U	0.37	0.066	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☼	03/10/22 01:16	03/10/22 18:00	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-08_1-3_20220308

Lab Sample ID: 460-253911-9

Date Collected: 03/08/22 09:30

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 88.4

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	0.37	U	0.37	0.043	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
4-Nitrophenol	0.76	U	0.76	0.061	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Acenaphthene	0.37	U	0.37	0.011	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Acenaphthylene	0.034	J	0.37	0.0038	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Anthracene	0.019	J	0.37	0.011	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Atrazine	0.15	U	0.15	0.022	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Benzaldehyde	0.37	U	0.37	0.062	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Benzo[a]anthracene	0.12		0.037	0.013	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Benzo[a]pyrene	0.13		0.037	0.010	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Benzo[b]fluoranthene	0.17		0.037	0.0097	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Benzo[g,h,i]perylene	0.12	J	0.37	0.011	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Benzo[k]fluoranthene	0.084		0.037	0.0073	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.029	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Bis(2-ethylhexyl) phthalate	0.021	J	0.37	0.020	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Butyl benzyl phthalate	0.034	J	0.37	0.018	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Caprolactam	0.37	U	0.37	0.058	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Chrysene	0.12	J	0.37	0.0063	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Dibenzofuran	0.37	U	0.37	0.0052	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Diethyl phthalate	0.37	U	0.37	0.0054	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Dimethyl phthalate	0.37	U	0.37	0.085	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Di-n-octyl phthalate	0.37	U	0.37	0.020	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Fluoranthene	0.20	J	0.37	0.013	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Fluorene	0.37	U	0.37	0.0051	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Hexachlorobenzene	0.037	U	0.037	0.018	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Hexachlorobutadiene	0.076	U	0.076	0.0080	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.033	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Indeno[1,2,3-cd]pyrene	0.16		0.037	0.015	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Naphthalene	0.37	U	0.37	0.0065	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Nitrobenzene	0.037	U	0.037	0.0090	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.031	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Pentachlorophenol	0.30	U	0.30	0.077	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Phenanthrene	0.077	J	0.37	0.0066	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Phenol	0.37	U	0.37	0.014	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Pyrene	0.18	J	0.37	0.0093	mg/Kg	✳	03/10/22 01:16	03/10/22 18:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	57		10 - 123				03/10/22 01:16	03/10/22 18:00	1
2-Fluorobiphenyl	57		14 - 103				03/10/22 01:16	03/10/22 18:00	1
2-Fluorophenol (Surr)	59		10 - 105				03/10/22 01:16	03/10/22 18:00	1
Nitrobenzene-d5 (Surr)	55		11 - 104				03/10/22 01:16	03/10/22 18:00	1
Phenol-d5 (Surr)	54		15 - 100				03/10/22 01:16	03/10/22 18:00	1
Terphenyl-d14 (Surr)	66		12 - 126				03/10/22 01:16	03/10/22 18:00	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-08_1-3_20220308

Lab Sample ID: 460-253911-9

Date Collected: 03/08/22 09:30

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 88.4

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0076	U	0.0076	0.0013	mg/Kg	✱	03/09/22 17:20	03/10/22 13:55	1
4,4'-DDE	0.0076	U	0.0076	0.00089	mg/Kg	✱	03/09/22 17:20	03/10/22 13:55	1
4,4'-DDT	0.0076	U	0.0076	0.0014	mg/Kg	✱	03/09/22 17:20	03/10/22 13:55	1
Aldrin	0.0076	U	0.0076	0.0011	mg/Kg	✱	03/09/22 17:20	03/10/22 13:55	1
alpha-BHC	0.0023	U	0.0023	0.00077	mg/Kg	✱	03/09/22 17:20	03/10/22 13:55	1
beta-BHC	0.0023	U	0.0023	0.00085	mg/Kg	✱	03/09/22 17:20	03/10/22 13:55	1
Chlordane (technical)	0.076	U	0.076	0.018	mg/Kg	✱	03/09/22 17:20	03/10/22 13:55	1
delta-BHC	0.0023	U	0.0023	0.00046	mg/Kg	✱	03/09/22 17:20	03/10/22 13:55	1
Dieldrin	0.0023	U	0.0023	0.00098	mg/Kg	✱	03/09/22 17:20	03/10/22 13:55	1
Endosulfan I	0.0076	U	0.0076	0.0012	mg/Kg	✱	03/09/22 17:20	03/10/22 13:55	1
Endosulfan II	0.0076	U	0.0076	0.0019	mg/Kg	✱	03/09/22 17:20	03/10/22 13:55	1
Endosulfan sulfate	0.0076	U	0.0076	0.00095	mg/Kg	✱	03/09/22 17:20	03/10/22 13:55	1
Endrin	0.0076	U	0.0076	0.0011	mg/Kg	✱	03/09/22 17:20	03/10/22 13:55	1
Endrin aldehyde	0.0076	U	0.0076	0.0018	mg/Kg	✱	03/09/22 17:20	03/10/22 13:55	1
Endrin ketone	0.0076	U	0.0076	0.0015	mg/Kg	✱	03/09/22 17:20	03/10/22 13:55	1
gamma-BHC (Lindane)	0.0023	U	0.0023	0.00070	mg/Kg	✱	03/09/22 17:20	03/10/22 13:55	1
Heptachlor	0.0076	U	0.0076	0.00089	mg/Kg	✱	03/09/22 17:20	03/10/22 13:55	1
Heptachlor epoxide	0.0076	U	0.0076	0.0011	mg/Kg	✱	03/09/22 17:20	03/10/22 13:55	1
Methoxychlor	0.0076	U	0.0076	0.0017	mg/Kg	✱	03/09/22 17:20	03/10/22 13:55	1
Toxaphene	0.076	U	0.076	0.027	mg/Kg	✱	03/09/22 17:20	03/10/22 13:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	92		10 - 150	03/09/22 17:20	03/10/22 13:55	1
DCB Decachlorobiphenyl	91		10 - 150	03/09/22 17:20	03/10/22 13:55	1
Tetrachloro-m-xylene	80		10 - 133	03/09/22 17:20	03/10/22 13:55	1
Tetrachloro-m-xylene	79		10 - 133	03/09/22 17:20	03/10/22 13:55	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.076	U	0.076	0.020	mg/Kg	✱	03/09/22 17:15	03/10/22 15:25	1
Aroclor 1221	0.076	U	0.076	0.020	mg/Kg	✱	03/09/22 17:15	03/10/22 15:25	1
Aroclor 1232	0.076	U	0.076	0.020	mg/Kg	✱	03/09/22 17:15	03/10/22 15:25	1
Aroclor 1242	0.076	U	0.076	0.020	mg/Kg	✱	03/09/22 17:15	03/10/22 15:25	1
Aroclor 1248	0.076	U	0.076	0.020	mg/Kg	✱	03/09/22 17:15	03/10/22 15:25	1
Aroclor 1254	0.076	U	0.076	0.020	mg/Kg	✱	03/09/22 17:15	03/10/22 15:25	1
Aroclor 1260	0.076	U	0.076	0.020	mg/Kg	✱	03/09/22 17:15	03/10/22 15:25	1
Aroclor-1262	0.076	U	0.076	0.020	mg/Kg	✱	03/09/22 17:15	03/10/22 15:25	1
Aroclor 1268	0.076	U	0.076	0.020	mg/Kg	✱	03/09/22 17:15	03/10/22 15:25	1
Polychlorinated biphenyls, Total	0.076	U	0.076	0.020	mg/Kg	✱	03/09/22 17:15	03/10/22 15:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	125		37 - 150	03/09/22 17:15	03/10/22 15:25	1
DCB Decachlorobiphenyl	139		37 - 150	03/09/22 17:15	03/10/22 15:25	1
Tetrachloro-m-xylene	112		54 - 150	03/09/22 17:15	03/10/22 15:25	1
Tetrachloro-m-xylene	118		54 - 150	03/09/22 17:15	03/10/22 15:25	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6990		17.5	4.8	mg/Kg	✱	03/12/22 22:10	03/14/22 13:23	1
Antimony	0.88	U	0.88	0.13	mg/Kg	✱	03/12/22 22:10	03/14/22 13:23	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-08_1-3_20220308

Lab Sample ID: 460-253911-9

Date Collected: 03/08/22 09:30

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 88.4

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.8		0.88	0.090	mg/Kg	✳	03/12/22 22:10	03/14/22 13:23	1
Barium	53.6		1.8	0.13	mg/Kg	✳	03/12/22 22:10	03/14/22 13:23	1
Beryllium	0.39		0.35	0.050	mg/Kg	✳	03/12/22 22:10	03/14/22 13:23	1
Cadmium	0.13	J	0.88	0.099	mg/Kg	✳	03/12/22 22:10	03/14/22 13:23	1
Calcium	6560		87.7	15.5	mg/Kg	✳	03/12/22 22:10	03/14/22 13:23	1
Chromium	17.3		1.8	0.23	mg/Kg	✳	03/12/22 22:10	03/14/22 13:23	1
Cobalt	8.0		1.8	0.13	mg/Kg	✳	03/12/22 22:10	03/14/22 13:23	1
Copper	30.8		1.8	0.32	mg/Kg	✳	03/12/22 22:10	03/14/22 13:23	1
Iron	13600		52.6	17.7	mg/Kg	✳	03/12/22 22:10	03/14/22 13:23	1
Lead	41.1		0.53	0.18	mg/Kg	✳	03/12/22 22:10	03/14/22 13:23	1
Magnesium	3810		87.7	8.9	mg/Kg	✳	03/12/22 22:10	03/14/22 13:23	1
Manganese	298		3.5	0.35	mg/Kg	✳	03/12/22 22:10	03/14/22 13:23	1
Nickel	32.2		1.8	0.41	mg/Kg	✳	03/12/22 22:10	03/14/22 13:23	1
Potassium	1210		87.7	10.6	mg/Kg	✳	03/12/22 22:10	03/14/22 13:23	1
Selenium	0.12	J	1.1	0.11	mg/Kg	✳	03/12/22 22:10	03/14/22 13:23	1
Silver	0.88	U	0.88	0.078	mg/Kg	✳	03/12/22 22:10	03/14/22 13:23	1
Sodium	448		87.7	40.1	mg/Kg	✳	03/12/22 22:10	03/14/22 13:23	1
Thallium	0.093	J	0.35	0.036	mg/Kg	✳	03/12/22 22:10	03/14/22 13:23	1
Vanadium	24.2		1.8	0.18	mg/Kg	✳	03/12/22 22:10	03/14/22 13:23	1
Zinc	57.7		7.0	2.7	mg/Kg	✳	03/12/22 22:10	03/14/22 13:23	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12		0.018	0.0086	mg/Kg	✳	03/11/22 04:19	03/11/22 08:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	11.6		1.0	1.0	%			03/12/22 01:36	1
Percent Solids	88.4		1.0	1.0	%			03/12/22 01:36	1

Client Sample ID: SB-08_12-14_20220308

Lab Sample ID: 460-253911-10

Date Collected: 03/08/22 09:35

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 94.3

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00026	mg/Kg	✳	03/09/22 21:19	03/11/22 22:54	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00024	mg/Kg	✳	03/09/22 21:19	03/11/22 22:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00034	mg/Kg	✳	03/09/22 21:19	03/11/22 22:54	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020	mg/Kg	✳	03/09/22 21:19	03/11/22 22:54	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00023	mg/Kg	✳	03/09/22 21:19	03/11/22 22:54	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00025	mg/Kg	✳	03/09/22 21:19	03/11/22 22:54	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00020	mg/Kg	✳	03/09/22 21:19	03/11/22 22:54	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	✳	03/09/22 21:19	03/11/22 22:54	1
1,2-Dibromo-3-Chloropropane	0.0011	U	0.0011	0.00051	mg/Kg	✳	03/09/22 21:19	03/11/22 22:54	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00040	mg/Kg	✳	03/09/22 21:19	03/11/22 22:54	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00033	mg/Kg	✳	03/09/22 21:19	03/11/22 22:54	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00047	mg/Kg	✳	03/09/22 21:19	03/11/22 22:54	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	✳	03/09/22 21:19	03/11/22 22:54	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00025	mg/Kg	✳	03/09/22 21:19	03/11/22 22:54	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-08_12-14_20220308

Lab Sample ID: 460-253911-10

Date Collected: 03/08/22 09:35

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 94.3

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	0.0056	U	0.0056	0.00041	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
2-Hexanone	0.0056	U	0.0056	0.0019	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
4-Methyl-2-pentanone (MIBK)	0.0056	U	0.0056	0.0017	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Acetone	0.0067	U	0.0067	0.0064	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Benzene	0.0011	U	0.0011	0.00029	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Bromoform	0.0011	U	0.0011	0.00047	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Bromomethane	0.0022	U	0.0022	0.0011	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Carbon disulfide	0.0011	U	0.0011	0.00030	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Carbon tetrachloride	0.0011	U	0.0011	0.00043	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Chlorobenzene	0.0011	U	0.0011	0.00020	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Chlorobromomethane	0.0011	U	0.0011	0.00031	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Chlorodibromomethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Chloroethane	0.0011	U	0.0011	0.00058	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Chloromethane	0.0011	U	0.0011	0.00049	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00040	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Dichlorobromomethane	0.0011	U	0.0011	0.00029	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00038	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Ethylbenzene	0.0011	U	0.0011	0.00022	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Ethylene Dibromide	0.0011	U	0.0011	0.00020	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Isopropylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Methyl acetate	0.0056	U	0.0056	0.0048	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00057	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Methylcyclohexane	0.0011	U	0.0011	0.00056	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Methylene Chloride	0.0022	U	0.0022	0.0013	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00019	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
o-Xylene	0.0011	U	0.0011	0.00022	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Styrene	0.0011	U	0.0011	0.00031	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Tetrachloroethene	0.0011	U	0.0011	0.00034	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Toluene	0.0011	U	0.0011	0.00026	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00027	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00030	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Trichloroethene	0.0011	U	0.0011	0.00036	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00045	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Vinyl chloride	0.0011	U	0.0011	0.00061	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1
Xylenes, Total	0.0022	U	0.0022	0.00072	mg/Kg	☼	03/09/22 21:19	03/11/22 22:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		77 - 145	03/09/22 21:19	03/11/22 22:54	1
4-Bromofluorobenzene	92		70 - 139	03/09/22 21:19	03/11/22 22:54	1
Dibromofluoromethane (Surr)	105		48 - 150	03/09/22 21:19	03/11/22 22:54	1
Toluene-d8 (Surr)	86		80 - 120	03/09/22 21:19	03/11/22 22:54	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.35	U	0.35	0.0046	mg/Kg	☼	03/10/22 01:16	03/10/22 16:17	1
1,2,4,5-Tetrachlorobenzene	0.35	U	0.35	0.011	mg/Kg	☼	03/10/22 01:16	03/10/22 16:17	1
1,4-Dioxane	0.035	U	0.035	0.031	mg/Kg	☼	03/10/22 01:16	03/10/22 16:17	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-08_12-14_20220308

Lab Sample ID: 460-253911-10

Date Collected: 03/08/22 09:35

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 94.3

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	0.35	U	0.35	0.0063	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
2,3,4,6-Tetrachlorophenol	0.35	U	0.35	0.024	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
2,4,5-Trichlorophenol	0.35	U	0.35	0.036	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.045	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
2,4-Dimethylphenol	0.35	U	0.35	0.015	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
2,4-Dinitrotoluene	0.071	U	0.071	0.038	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
2,6-Dinitrotoluene	0.071	U	0.071	0.025	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
2-Chloronaphthalene	0.35	U	0.35	0.016	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
2-Chlorophenol	0.35	U	0.35	0.012	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
2-Methylnaphthalene	0.35	U	0.35	0.0098	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
2-Methylphenol	0.35	U	0.35	0.013	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
2-Nitroaniline	0.35	U	0.35	0.013	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
2-Nitrophenol	0.35	U	0.35	0.035	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.053	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
3-Nitroaniline	0.35	U	0.35	0.039	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
4-Bromophenyl phenyl ether	0.35	U	0.35	0.014	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
4-Chloro-3-methylphenol	0.35	U	0.35	0.020	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
4-Chloroaniline	0.35	U	0.35	0.062	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
4-Chlorophenyl phenyl ether	0.35	U	0.35	0.012	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
4-Methylphenol	0.35	U	0.35	0.022	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
4-Nitroaniline	0.35	U	0.35	0.040	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
4-Nitrophenol	0.71	U	0.71	0.057	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Acenaphthene	0.35	U	0.35	0.010	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Acenaphthylene	0.35	U	0.35	0.0035	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Acetophenone	0.35	U	0.35	0.017	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Anthracene	0.35	U	0.35	0.011	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Atrazine	0.14	U	0.14	0.021	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Benzaldehyde	0.35	U	0.35	0.058	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Benzo[a]anthracene	0.035	U	0.035	0.012	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Benzo[a]pyrene	0.035	U	0.035	0.0093	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Benzo[b]fluoranthene	0.035	U	0.035	0.0091	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Benzo[g,h,i]perylene	0.35	U	0.35	0.010	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Benzo[k]fluoranthene	0.035	U	0.035	0.0069	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Bis(2-chloroethoxy)methane	0.35	U	0.35	0.027	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Bis(2-chloroethyl)ether	0.035	U	0.035	0.012	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Bis(2-ethylhexyl) phthalate	0.35	U	0.35	0.019	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Butyl benzyl phthalate	0.35	U	0.35	0.016	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Caprolactam	0.35	U	0.35	0.054	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Carbazole	0.35	U	0.35	0.013	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Chrysene	0.35	U	0.35	0.0059	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Dibenz(a,h)anthracene	0.035	U	0.035	0.015	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Dibenzofuran	0.35	U	0.35	0.0049	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Diethyl phthalate	0.35	U	0.35	0.0051	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Dimethyl phthalate	0.35	U	0.35	0.080	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Di-n-butyl phthalate	0.35	U	0.35	0.013	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1
Di-n-octyl phthalate	0.35	U	0.35	0.019	mg/Kg	✱	03/10/22 01:16	03/10/22 16:17	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-08_12-14_20220308

Lab Sample ID: 460-253911-10

Date Collected: 03/08/22 09:35

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 94.3

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	0.35	U	0.35	0.012	mg/Kg	✳	03/10/22 01:16	03/10/22 16:17	1
Fluorene	0.35	U	0.35	0.0047	mg/Kg	✳	03/10/22 01:16	03/10/22 16:17	1
Hexachlorobenzene	0.035	U	0.035	0.017	mg/Kg	✳	03/10/22 01:16	03/10/22 16:17	1
Hexachlorobutadiene	0.071	U	0.071	0.0075	mg/Kg	✳	03/10/22 01:16	03/10/22 16:17	1
Hexachlorocyclopentadiene	0.35	U	0.35	0.031	mg/Kg	✳	03/10/22 01:16	03/10/22 16:17	1
Hexachloroethane	0.035	U	0.035	0.012	mg/Kg	✳	03/10/22 01:16	03/10/22 16:17	1
Indeno[1,2,3-cd]pyrene	0.035	U	0.035	0.014	mg/Kg	✳	03/10/22 01:16	03/10/22 16:17	1
Isophorone	0.14	U	0.14	0.10	mg/Kg	✳	03/10/22 01:16	03/10/22 16:17	1
Naphthalene	0.35	U	0.35	0.0061	mg/Kg	✳	03/10/22 01:16	03/10/22 16:17	1
Nitrobenzene	0.035	U	0.035	0.0084	mg/Kg	✳	03/10/22 01:16	03/10/22 16:17	1
N-Nitrosodi-n-propylamine	0.035	U	0.035	0.025	mg/Kg	✳	03/10/22 01:16	03/10/22 16:17	1
N-Nitrosodiphenylamine	0.35	U	0.35	0.029	mg/Kg	✳	03/10/22 01:16	03/10/22 16:17	1
Pentachlorophenol	0.28	U	0.28	0.072	mg/Kg	✳	03/10/22 01:16	03/10/22 16:17	1
Phenanthrene	0.0095	J	0.35	0.0062	mg/Kg	✳	03/10/22 01:16	03/10/22 16:17	1
Phenol	0.35	U	0.35	0.013	mg/Kg	✳	03/10/22 01:16	03/10/22 16:17	1
Pyrene	0.0099	J	0.35	0.0087	mg/Kg	✳	03/10/22 01:16	03/10/22 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	60		10 - 123	03/10/22 01:16	03/10/22 16:17	1
2-Fluorobiphenyl	61		14 - 103	03/10/22 01:16	03/10/22 16:17	1
2-Fluorophenol (Surr)	66		10 - 105	03/10/22 01:16	03/10/22 16:17	1
Nitrobenzene-d5 (Surr)	64		11 - 104	03/10/22 01:16	03/10/22 16:17	1
Phenol-d5 (Surr)	59		15 - 100	03/10/22 01:16	03/10/22 16:17	1
Terphenyl-d14 (Surr)	74		12 - 126	03/10/22 01:16	03/10/22 16:17	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0071	U	0.0071	0.0012	mg/Kg	✳	03/09/22 17:20	03/10/22 14:07	1
4,4'-DDE	0.0071	U	0.0071	0.00084	mg/Kg	✳	03/09/22 17:20	03/10/22 14:07	1
4,4'-DDT	0.0071	U	0.0071	0.0013	mg/Kg	✳	03/09/22 17:20	03/10/22 14:07	1
Aldrin	0.0071	U	0.0071	0.0011	mg/Kg	✳	03/09/22 17:20	03/10/22 14:07	1
alpha-BHC	0.0021	U	0.0021	0.00072	mg/Kg	✳	03/09/22 17:20	03/10/22 14:07	1
beta-BHC	0.0021	U	0.0021	0.00079	mg/Kg	✳	03/09/22 17:20	03/10/22 14:07	1
Chlordane (technical)	0.071	U	0.071	0.017	mg/Kg	✳	03/09/22 17:20	03/10/22 14:07	1
delta-BHC	0.0021	U	0.0021	0.00043	mg/Kg	✳	03/09/22 17:20	03/10/22 14:07	1
Dieldrin	0.0021	U	0.0021	0.00092	mg/Kg	✳	03/09/22 17:20	03/10/22 14:07	1
Endosulfan I	0.0071	U	0.0071	0.0011	mg/Kg	✳	03/09/22 17:20	03/10/22 14:07	1
Endosulfan II	0.0071	U	0.0071	0.0018	mg/Kg	✳	03/09/22 17:20	03/10/22 14:07	1
Endosulfan sulfate	0.0071	U	0.0071	0.00089	mg/Kg	✳	03/09/22 17:20	03/10/22 14:07	1
Endrin	0.0071	U	0.0071	0.0010	mg/Kg	✳	03/09/22 17:20	03/10/22 14:07	1
Endrin aldehyde	0.0071	U	0.0071	0.0017	mg/Kg	✳	03/09/22 17:20	03/10/22 14:07	1
Endrin ketone	0.0071	U	0.0071	0.0014	mg/Kg	✳	03/09/22 17:20	03/10/22 14:07	1
gamma-BHC (Lindane)	0.0021	U	0.0021	0.00066	mg/Kg	✳	03/09/22 17:20	03/10/22 14:07	1
Heptachlor	0.0071	U	0.0071	0.00084	mg/Kg	✳	03/09/22 17:20	03/10/22 14:07	1
Heptachlor epoxide	0.0071	U	0.0071	0.0011	mg/Kg	✳	03/09/22 17:20	03/10/22 14:07	1
Methoxychlor	0.0071	U	0.0071	0.0016	mg/Kg	✳	03/09/22 17:20	03/10/22 14:07	1
Toxaphene	0.071	U	0.071	0.026	mg/Kg	✳	03/09/22 17:20	03/10/22 14:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	83		10 - 150	03/09/22 17:20	03/10/22 14:07	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-08_12-14_20220308

Lab Sample ID: 460-253911-10

Date Collected: 03/08/22 09:35

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 94.3

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	84		10 - 150	03/09/22 17:20	03/10/22 14:07	1
Tetrachloro-m-xylene	75		10 - 133	03/09/22 17:20	03/10/22 14:07	1
Tetrachloro-m-xylene	68		10 - 133	03/09/22 17:20	03/10/22 14:07	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.071	U	0.071	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 15:47	1
Aroclor 1221	0.071	U	0.071	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 15:47	1
Aroclor 1232	0.071	U	0.071	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 15:47	1
Aroclor 1242	0.071	U	0.071	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 15:47	1
Aroclor 1248	0.071	U	0.071	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 15:47	1
Aroclor 1254	0.071	U	0.071	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 15:47	1
Aroclor 1260	0.071	U	0.071	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 15:47	1
Aroclor-1262	0.071	U	0.071	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 15:47	1
Aroclor 1268	0.071	U	0.071	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 15:47	1
Polychlorinated biphenyls, Total	0.071	U	0.071	0.019	mg/Kg	✱	03/09/22 17:15	03/10/22 15:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	137		37 - 150	03/09/22 17:15	03/10/22 15:47	1
DCB Decachlorobiphenyl	152	*	37 - 150	03/09/22 17:15	03/10/22 15:47	1
Tetrachloro-m-xylene	121		54 - 150	03/09/22 17:15	03/10/22 15:47	1
Tetrachloro-m-xylene	126		54 - 150	03/09/22 17:15	03/10/22 15:47	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8850		16.7	4.6	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Antimony	0.83	U	0.83	0.12	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Arsenic	0.78	J	0.83	0.086	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Barium	74.8		1.7	0.12	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Beryllium	0.29	J	0.33	0.048	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Cadmium	0.83	U	0.83	0.094	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Calcium	3650		83.5	14.8	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Chromium	25.7		1.7	0.22	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Cobalt	8.9		1.7	0.12	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Copper	32.4		1.7	0.31	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Iron	15900		50.1	16.9	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Lead	4.5		0.50	0.17	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Magnesium	6450		83.5	8.5	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Manganese	243		3.3	0.34	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Nickel	26.1		1.7	0.39	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Potassium	1490		83.5	10.1	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Selenium	1.0	U	1.0	0.11	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Silver	0.83	U	0.83	0.074	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Sodium	327		83.5	38.2	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Thallium	0.12	J	0.33	0.034	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Vanadium	30.2		1.7	0.17	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1
Zinc	36.5		6.7	2.5	mg/Kg	✱	03/12/22 22:10	03/14/22 13:16	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-08_12-14_20220308

Lab Sample ID: 460-253911-10

Date Collected: 03/08/22 09:35

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 94.3

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	U	0.016	0.0075	mg/Kg	☼	03/11/22 04:19	03/11/22 08:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.7		1.0	1.0	%			03/12/22 01:36	1
Percent Solids	94.3		1.0	1.0	%			03/12/22 01:36	1

Client Sample ID: TW-01_20220308

Lab Sample ID: 460-253911-11

Date Collected: 03/08/22 12:00

Matrix: Water

Date Received: 03/08/22 18:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/11/22 23:03	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			03/11/22 23:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/11/22 23:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			03/11/22 23:03	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/11/22 23:03	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/11/22 23:03	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/11/22 23:03	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/11/22 23:03	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/11/22 23:03	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/11/22 23:03	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			03/11/22 23:03	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			03/11/22 23:03	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/11/22 23:03	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/11/22 23:03	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			03/11/22 23:03	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/11/22 23:03	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/11/22 23:03	1
Acetone	5.0	U	5.0	4.4	ug/L			03/11/22 23:03	1
Benzene	1.0	U	1.0	0.20	ug/L			03/11/22 23:03	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/11/22 23:03	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/11/22 23:03	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/11/22 23:03	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/11/22 23:03	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/11/22 23:03	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/11/22 23:03	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			03/11/22 23:03	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/11/22 23:03	1
Chloroform	1.0	U	1.0	0.33	ug/L			03/11/22 23:03	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/11/22 23:03	1
cis-1,2-Dichloroethene	2.1		1.0	0.22	ug/L			03/11/22 23:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/11/22 23:03	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/11/22 23:03	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			03/11/22 23:03	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/11/22 23:03	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/11/22 23:03	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/11/22 23:03	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/11/22 23:03	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-01_20220308

Lab Sample ID: 460-253911-11

Date Collected: 03/08/22 12:00

Matrix: Water

Date Received: 03/08/22 18:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/11/22 23:03	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/11/22 23:03	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/11/22 23:03	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			03/11/22 23:03	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/11/22 23:03	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/11/22 23:03	1
Styrene	1.0	U	1.0	0.42	ug/L			03/11/22 23:03	1
Tetrachloroethene	0.44	J	1.0	0.25	ug/L			03/11/22 23:03	1
Toluene	1.0	U	1.0	0.38	ug/L			03/11/22 23:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/11/22 23:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/11/22 23:03	1
Trichloroethene	0.51	J	1.0	0.31	ug/L			03/11/22 23:03	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/11/22 23:03	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/11/22 23:03	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/11/22 23:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		75 - 123					03/11/22 23:03	1
4-Bromofluorobenzene	105		76 - 120					03/11/22 23:03	1
Dibromofluoromethane (Surr)	108		77 - 124					03/11/22 23:03	1
Toluene-d8 (Surr)	102		80 - 120					03/11/22 23:03	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	1.2	ug/L		03/10/22 07:49	03/10/22 21:56	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		03/10/22 07:49	03/10/22 21:56	1
1,4-Dioxane	10	U	10	1.6	ug/L		03/10/22 07:49	03/10/22 21:56	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		03/10/22 07:49	03/10/22 21:56	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		03/10/22 07:49	03/10/22 21:56	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		03/10/22 07:49	03/10/22 21:56	1
2,4,6-Trichlorophenol	10	U	10	0.86	ug/L		03/10/22 07:49	03/10/22 21:56	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		03/10/22 07:49	03/10/22 21:56	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		03/10/22 07:49	03/10/22 21:56	1
2,4-Dinitrophenol	20	U	20	2.6	ug/L		03/10/22 07:49	03/10/22 21:56	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		03/10/22 07:49	03/10/22 21:56	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		03/10/22 07:49	03/10/22 21:56	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		03/10/22 07:49	03/10/22 21:56	1
2-Chlorophenol	10	U	10	0.38	ug/L		03/10/22 07:49	03/10/22 21:56	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/10/22 07:49	03/10/22 21:56	1
2-Methylphenol	10	U	10	0.67	ug/L		03/10/22 07:49	03/10/22 21:56	1
2-Nitroaniline	10	U	10	0.47	ug/L		03/10/22 07:49	03/10/22 21:56	1
2-Nitrophenol	10	U	10	0.75	ug/L		03/10/22 07:49	03/10/22 21:56	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		03/10/22 07:49	03/10/22 21:56	1
3-Nitroaniline	10	U	10	1.9	ug/L		03/10/22 07:49	03/10/22 21:56	1
4,6-Dinitro-2-methylphenol	20	U	20	3.0	ug/L		03/10/22 07:49	03/10/22 21:56	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		03/10/22 07:49	03/10/22 21:56	1
4-Chloro-3-methylphenol	10	U	10	0.58	ug/L		03/10/22 07:49	03/10/22 21:56	1
4-Chloroaniline	10	U	10	1.9	ug/L		03/10/22 07:49	03/10/22 21:56	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		03/10/22 07:49	03/10/22 21:56	1
4-Methylphenol	10	U	10	0.65	ug/L		03/10/22 07:49	03/10/22 21:56	1

Eurolins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-01_20220308

Lab Sample ID: 460-253911-11

Date Collected: 03/08/22 12:00

Matrix: Water

Date Received: 03/08/22 18:30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	10	U	10	1.2	ug/L		03/10/22 07:49	03/10/22 21:56	1
4-Nitrophenol	20	U	20	4.0	ug/L		03/10/22 07:49	03/10/22 21:56	1
Acenaphthene	10	U	10	1.1	ug/L		03/10/22 07:49	03/10/22 21:56	1
Acenaphthylene	10	U	10	0.82	ug/L		03/10/22 07:49	03/10/22 21:56	1
Acetophenone	10	U	10	2.3	ug/L		03/10/22 07:49	03/10/22 21:56	1
Anthracene	10	U	10	1.3	ug/L		03/10/22 07:49	03/10/22 21:56	1
Atrazine	2.0	U	2.0	1.3	ug/L		03/10/22 07:49	03/10/22 21:56	1
Benzaldehyde	10	U	10	2.1	ug/L		03/10/22 07:49	03/10/22 21:56	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/10/22 07:49	03/10/22 21:56	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/10/22 07:49	03/10/22 21:56	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/10/22 07:49	03/10/22 21:56	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		03/10/22 07:49	03/10/22 21:56	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/10/22 07:49	03/10/22 21:56	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		03/10/22 07:49	03/10/22 21:56	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		03/10/22 07:49	03/10/22 21:56	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		03/10/22 07:49	03/10/22 21:56	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		03/10/22 07:49	03/10/22 21:56	1
Caprolactam	10	U	10	2.2	ug/L		03/10/22 07:49	03/10/22 21:56	1
Carbazole	10	U	10	0.68	ug/L		03/10/22 07:49	03/10/22 21:56	1
Chrysene	2.0	U	2.0	0.91	ug/L		03/10/22 07:49	03/10/22 21:56	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/10/22 07:49	03/10/22 21:56	1
Dibenzofuran	10	U	10	1.1	ug/L		03/10/22 07:49	03/10/22 21:56	1
Diethyl phthalate	10	U	10	0.98	ug/L		03/10/22 07:49	03/10/22 21:56	1
Dimethyl phthalate	10	U	10	0.77	ug/L		03/10/22 07:49	03/10/22 21:56	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		03/10/22 07:49	03/10/22 21:56	1
Di-n-octyl phthalate	10	U	10	0.75	ug/L		03/10/22 07:49	03/10/22 21:56	1
Fluoranthene	10	U	10	0.84	ug/L		03/10/22 07:49	03/10/22 21:56	1
Fluorene	10	U	10	0.91	ug/L		03/10/22 07:49	03/10/22 21:56	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		03/10/22 07:49	03/10/22 21:56	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		03/10/22 07:49	03/10/22 21:56	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		03/10/22 07:49	03/10/22 21:56	1
Hexachloroethane	2.0	U	2.0	0.80	ug/L		03/10/22 07:49	03/10/22 21:56	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/10/22 07:49	03/10/22 21:56	1
Isophorone	10	U	10	0.80	ug/L		03/10/22 07:49	03/10/22 21:56	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/10/22 07:49	03/10/22 21:56	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		03/10/22 07:49	03/10/22 21:56	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		03/10/22 07:49	03/10/22 21:56	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		03/10/22 07:49	03/10/22 21:56	1
Pentachlorophenol	20	U	20	1.4	ug/L		03/10/22 07:49	03/10/22 21:56	1
Phenanthrene	10	U	10	1.3	ug/L		03/10/22 07:49	03/10/22 21:56	1
Phenol	10	U	10	0.29	ug/L		03/10/22 07:49	03/10/22 21:56	1
Pyrene	10	U	10	1.6	ug/L		03/10/22 07:49	03/10/22 21:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	122		33 - 150	03/10/22 07:49	03/10/22 21:56	1
2-Fluorobiphenyl	99		42 - 127	03/10/22 07:49	03/10/22 21:56	1
2-Fluorophenol (Surr)	58		18 - 72	03/10/22 07:49	03/10/22 21:56	1
Nitrobenzene-d5 (Surr)	106		46 - 137	03/10/22 07:49	03/10/22 21:56	1
Phenol-d5 (Surr)	38		10 - 50	03/10/22 07:49	03/10/22 21:56	1
Terphenyl-d14 (Surr)	84		39 - 150	03/10/22 07:49	03/10/22 21:56	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-01_20220308

Lab Sample ID: 460-253911-11

Date Collected: 03/08/22 12:00

Matrix: Water

Date Received: 03/08/22 18:30

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		03/10/22 08:07	03/11/22 06:25	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		03/10/22 08:07	03/11/22 06:25	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 06:25	1
Aldrin	0.020	U	0.020	0.0030	ug/L		03/10/22 08:07	03/11/22 06:25	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		03/10/22 08:07	03/11/22 06:25	1
beta-BHC	0.020	U	0.020	0.015	ug/L		03/10/22 08:07	03/11/22 06:25	1
Chlordane (technical)	0.50	U	0.50	0.055	ug/L		03/10/22 08:07	03/11/22 06:25	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		03/10/22 08:07	03/11/22 06:25	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		03/10/22 08:07	03/11/22 06:25	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		03/10/22 08:07	03/11/22 06:25	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 06:25	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		03/10/22 08:07	03/11/22 06:25	1
Endrin	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 06:25	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		03/10/22 08:07	03/11/22 06:25	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		03/10/22 08:07	03/11/22 06:25	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		03/10/22 08:07	03/11/22 06:25	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		03/10/22 08:07	03/11/22 06:25	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		03/10/22 08:07	03/11/22 06:25	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 06:25	1
Toxaphene	0.50	U	0.50	0.11	ug/L		03/10/22 08:07	03/11/22 06:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	52		10 - 150	03/10/22 08:07	03/11/22 06:25	1
DCB Decachlorobiphenyl	49		10 - 150	03/10/22 08:07	03/11/22 06:25	1
Tetrachloro-m-xylene	47		10 - 150	03/10/22 08:07	03/11/22 06:25	1
Tetrachloro-m-xylene	44		10 - 150	03/10/22 08:07	03/11/22 06:25	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 07:45	1
Aroclor 1221	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 07:45	1
Aroclor 1232	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 07:45	1
Aroclor 1242	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 07:45	1
Aroclor 1248	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 07:45	1
Aroclor 1254	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 07:45	1
Aroclor 1260	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 07:45	1
Aroclor 1268	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 07:45	1
Aroclor-1262	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 07:45	1
Polychlorinated biphenyls, Total	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 07:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	48		10 - 138	03/10/22 08:10	03/11/22 07:45	1
DCB Decachlorobiphenyl	58		10 - 138	03/10/22 08:10	03/11/22 07:45	1
Tetrachloro-m-xylene	42		10 - 150	03/10/22 08:10	03/11/22 07:45	1
Tetrachloro-m-xylene	50		10 - 150	03/10/22 08:10	03/11/22 07:45	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	196		40.0	19.5	ug/L		03/11/22 20:05	03/13/22 10:27	1
Antimony	2.0	U	2.0	0.76	ug/L		03/11/22 20:05	03/13/22 10:27	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-01_20220308

Lab Sample ID: 460-253911-11

Date Collected: 03/08/22 12:00

Matrix: Water

Date Received: 03/08/22 18:30

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.1	J	2.0	0.89	ug/L		03/11/22 20:05	03/13/22 10:27	1
Barium	647		4.0	0.91	ug/L		03/11/22 20:05	03/13/22 10:27	1
Beryllium	0.80	U	0.80	0.13	ug/L		03/11/22 20:05	03/13/22 10:27	1
Cadmium	0.77	J	2.0	0.39	ug/L		03/11/22 20:05	03/13/22 10:27	1
Calcium	343000		500	53.6	ug/L		03/11/22 20:05	03/13/22 10:27	1
Chromium	4.0	U	4.0	2.5	ug/L		03/11/22 20:05	03/13/22 10:27	1
Cobalt	15.3		4.0	0.71	ug/L		03/11/22 20:05	03/13/22 10:27	1
Copper	7.3		4.0	2.5	ug/L		03/11/22 20:05	03/13/22 10:27	1
Iron	6050		120	58.2	ug/L		03/11/22 20:05	03/13/22 10:27	1
Lead	1.2	U	1.2	0.84	ug/L		03/11/22 20:05	03/13/22 10:27	1
Magnesium	76500		200	46.9	ug/L		03/11/22 20:05	03/13/22 10:27	1
Manganese	21900		24.0	4.4	ug/L		03/11/22 20:05	03/13/22 10:36	3
Nickel	10.6		4.0	0.91	ug/L		03/11/22 20:05	03/13/22 10:27	1
Potassium	20100		200	112	ug/L		03/11/22 20:05	03/13/22 10:27	1
Selenium	2.5	U	2.5	0.59	ug/L		03/11/22 20:05	03/13/22 10:27	1
Silver	2.0	U	2.0	0.29	ug/L		03/11/22 20:05	03/13/22 10:27	1
Sodium	461000		500	163	ug/L		03/11/22 20:05	03/13/22 10:27	1
Thallium	0.80	U	0.80	0.21	ug/L		03/11/22 20:05	03/13/22 10:27	1
Vanadium	0.68	J	4.0	0.68	ug/L		03/11/22 20:05	03/13/22 10:27	1
Zinc	16.0	U	16.0	6.5	ug/L		03/11/22 20:05	03/13/22 10:27	1

Method: 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	29.9	J	40.0	19.5	ug/L		03/10/22 23:47	03/11/22 19:00	1
Antimony	2.0	U	2.0	0.76	ug/L		03/10/22 23:47	03/11/22 19:00	1
Arsenic	2.0	U	2.0	0.89	ug/L		03/10/22 23:47	03/11/22 19:00	1
Barium	631		4.0	0.91	ug/L		03/10/22 23:47	03/11/22 19:00	1
Beryllium	0.80	U	0.80	0.13	ug/L		03/10/22 23:47	03/11/22 19:00	1
Cadmium	0.56	J	2.0	0.39	ug/L		03/10/22 23:47	03/11/22 19:00	1
Calcium	335000		500	53.6	ug/L		03/10/22 23:47	03/11/22 19:00	1
Chromium	4.0	U	4.0	2.5	ug/L		03/10/22 23:47	03/11/22 19:00	1
Cobalt	14.8		4.0	0.71	ug/L		03/10/22 23:47	03/11/22 19:00	1
Copper	4.0	U	4.0	2.5	ug/L		03/10/22 23:47	03/11/22 19:00	1
Iron	5720		120	58.2	ug/L		03/10/22 23:47	03/11/22 19:00	1
Lead	1.2	U	1.2	0.84	ug/L		03/10/22 23:47	03/11/22 19:00	1
Magnesium	75900		200	46.9	ug/L		03/10/22 23:47	03/11/22 19:00	1
Manganese	21800		40.0	7.4	ug/L		03/10/22 23:47	03/11/22 19:08	5
Nickel	9.5		4.0	0.91	ug/L		03/10/22 23:47	03/11/22 19:00	1
Potassium	19700		200	112	ug/L		03/10/22 23:47	03/11/22 19:00	1
Selenium	2.5	U	2.5	0.59	ug/L		03/10/22 23:47	03/11/22 19:00	1
Silver	2.0	U	2.0	0.29	ug/L		03/10/22 23:47	03/11/22 19:00	1
Sodium	431000		500	163	ug/L		03/10/22 23:47	03/11/22 19:00	1
Thallium	0.80	U	0.80	0.21	ug/L		03/10/22 23:47	03/11/22 19:00	1
Vanadium	4.0	U	4.0	0.68	ug/L		03/10/22 23:47	03/11/22 19:00	1
Zinc	16.0	U	16.0	6.5	ug/L		03/10/22 23:47	03/11/22 19:00	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		03/11/22 11:19	03/11/22 15:22	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-01_20220308

Lab Sample ID: 460-253911-11

Date Collected: 03/08/22 12:00

Matrix: Water

Date Received: 03/08/22 18:30

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		03/14/22 14:09	03/14/22 16:00	1

Client Sample ID: TW-02_20220308

Lab Sample ID: 460-253911-12

Date Collected: 03/08/22 13:30

Matrix: Water

Date Received: 03/08/22 18:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/11/22 15:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			03/11/22 15:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/11/22 15:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			03/11/22 15:25	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/11/22 15:25	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/11/22 15:25	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/11/22 15:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/11/22 15:25	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/11/22 15:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/11/22 15:25	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			03/11/22 15:25	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			03/11/22 15:25	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/11/22 15:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/11/22 15:25	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			03/11/22 15:25	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/11/22 15:25	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/11/22 15:25	1
Acetone	5.0	U	5.0	4.4	ug/L			03/11/22 15:25	1
Benzene	1.0	U	1.0	0.20	ug/L			03/11/22 15:25	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/11/22 15:25	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/11/22 15:25	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/11/22 15:25	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/11/22 15:25	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/11/22 15:25	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/11/22 15:25	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			03/11/22 15:25	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/11/22 15:25	1
Chloroform	2.6		1.0	0.33	ug/L			03/11/22 15:25	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/11/22 15:25	1
cis-1,2-Dichloroethene	3.9		1.0	0.22	ug/L			03/11/22 15:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/11/22 15:25	1
Cyclohexane	1.1		1.0	0.32	ug/L			03/11/22 15:25	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			03/11/22 15:25	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/11/22 15:25	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/11/22 15:25	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/11/22 15:25	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/11/22 15:25	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/11/22 15:25	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/11/22 15:25	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/11/22 15:25	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			03/11/22 15:25	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/11/22 15:25	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-02_20220308

Lab Sample ID: 460-253911-12

Date Collected: 03/08/22 13:30

Matrix: Water

Date Received: 03/08/22 18:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	1.0	U	1.0	0.36	ug/L			03/11/22 15:25	1
Styrene	1.0	U	1.0	0.42	ug/L			03/11/22 15:25	1
Tetrachloroethene	48		1.0	0.25	ug/L			03/11/22 15:25	1
Toluene	1.0	U	1.0	0.38	ug/L			03/11/22 15:25	1
trans-1,2-Dichloroethene	0.26	J	1.0	0.24	ug/L			03/11/22 15:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/11/22 15:25	1
Trichloroethene	14		1.0	0.31	ug/L			03/11/22 15:25	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/11/22 15:25	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/11/22 15:25	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/11/22 15:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 123		03/11/22 15:25	1
4-Bromofluorobenzene	104		76 - 120		03/11/22 15:25	1
Dibromofluoromethane (Surr)	106		77 - 124		03/11/22 15:25	1
Toluene-d8 (Surr)	101		80 - 120		03/11/22 15:25	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	1.2	ug/L		03/10/22 07:49	03/10/22 22:17	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		03/10/22 07:49	03/10/22 22:17	1
1,4-Dioxane	10	U	10	1.6	ug/L		03/10/22 07:49	03/10/22 22:17	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		03/10/22 07:49	03/10/22 22:17	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		03/10/22 07:49	03/10/22 22:17	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		03/10/22 07:49	03/10/22 22:17	1
2,4,6-Trichlorophenol	10	U	10	0.86	ug/L		03/10/22 07:49	03/10/22 22:17	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		03/10/22 07:49	03/10/22 22:17	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		03/10/22 07:49	03/10/22 22:17	1
2,4-Dinitrophenol	20	U	20	2.6	ug/L		03/10/22 07:49	03/10/22 22:17	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		03/10/22 07:49	03/10/22 22:17	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		03/10/22 07:49	03/10/22 22:17	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		03/10/22 07:49	03/10/22 22:17	1
2-Chlorophenol	10	U	10	0.38	ug/L		03/10/22 07:49	03/10/22 22:17	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/10/22 07:49	03/10/22 22:17	1
2-Methylphenol	10	U	10	0.67	ug/L		03/10/22 07:49	03/10/22 22:17	1
2-Nitroaniline	10	U	10	0.47	ug/L		03/10/22 07:49	03/10/22 22:17	1
2-Nitrophenol	10	U	10	0.75	ug/L		03/10/22 07:49	03/10/22 22:17	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		03/10/22 07:49	03/10/22 22:17	1
3-Nitroaniline	10	U	10	1.9	ug/L		03/10/22 07:49	03/10/22 22:17	1
4,6-Dinitro-2-methylphenol	20	U	20	3.0	ug/L		03/10/22 07:49	03/10/22 22:17	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		03/10/22 07:49	03/10/22 22:17	1
4-Chloro-3-methylphenol	10	U	10	0.58	ug/L		03/10/22 07:49	03/10/22 22:17	1
4-Chloroaniline	10	U	10	1.9	ug/L		03/10/22 07:49	03/10/22 22:17	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		03/10/22 07:49	03/10/22 22:17	1
4-Methylphenol	10	U	10	0.65	ug/L		03/10/22 07:49	03/10/22 22:17	1
4-Nitroaniline	10	U	10	1.2	ug/L		03/10/22 07:49	03/10/22 22:17	1
4-Nitrophenol	20	U	20	4.0	ug/L		03/10/22 07:49	03/10/22 22:17	1
Acenaphthene	10	U	10	1.1	ug/L		03/10/22 07:49	03/10/22 22:17	1
Acenaphthylene	10	U	10	0.82	ug/L		03/10/22 07:49	03/10/22 22:17	1
Acetophenone	10	U	10	2.3	ug/L		03/10/22 07:49	03/10/22 22:17	1

Eurolins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-02_20220308

Lab Sample ID: 460-253911-12

Date Collected: 03/08/22 13:30

Matrix: Water

Date Received: 03/08/22 18:30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	10	U	10	1.3	ug/L		03/10/22 07:49	03/10/22 22:17	1
Atrazine	2.0	U	2.0	1.3	ug/L		03/10/22 07:49	03/10/22 22:17	1
Benzaldehyde	10	U	10	2.1	ug/L		03/10/22 07:49	03/10/22 22:17	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/10/22 07:49	03/10/22 22:17	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/10/22 07:49	03/10/22 22:17	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/10/22 07:49	03/10/22 22:17	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		03/10/22 07:49	03/10/22 22:17	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/10/22 07:49	03/10/22 22:17	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		03/10/22 07:49	03/10/22 22:17	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		03/10/22 07:49	03/10/22 22:17	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		03/10/22 07:49	03/10/22 22:17	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		03/10/22 07:49	03/10/22 22:17	1
Caprolactam	10	U	10	2.2	ug/L		03/10/22 07:49	03/10/22 22:17	1
Carbazole	10	U	10	0.68	ug/L		03/10/22 07:49	03/10/22 22:17	1
Chrysene	2.0	U	2.0	0.91	ug/L		03/10/22 07:49	03/10/22 22:17	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/10/22 07:49	03/10/22 22:17	1
Dibenzofuran	10	U	10	1.1	ug/L		03/10/22 07:49	03/10/22 22:17	1
Diethyl phthalate	10	U	10	0.98	ug/L		03/10/22 07:49	03/10/22 22:17	1
Dimethyl phthalate	10	U	10	0.77	ug/L		03/10/22 07:49	03/10/22 22:17	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		03/10/22 07:49	03/10/22 22:17	1
Di-n-octyl phthalate	10	U	10	0.75	ug/L		03/10/22 07:49	03/10/22 22:17	1
Fluoranthene	10	U	10	0.84	ug/L		03/10/22 07:49	03/10/22 22:17	1
Fluorene	10	U	10	0.91	ug/L		03/10/22 07:49	03/10/22 22:17	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		03/10/22 07:49	03/10/22 22:17	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		03/10/22 07:49	03/10/22 22:17	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		03/10/22 07:49	03/10/22 22:17	1
Hexachloroethane	2.0	U	2.0	0.80	ug/L		03/10/22 07:49	03/10/22 22:17	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/10/22 07:49	03/10/22 22:17	1
Isophorone	10	U	10	0.80	ug/L		03/10/22 07:49	03/10/22 22:17	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/10/22 07:49	03/10/22 22:17	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		03/10/22 07:49	03/10/22 22:17	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		03/10/22 07:49	03/10/22 22:17	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		03/10/22 07:49	03/10/22 22:17	1
Pentachlorophenol	20	U	20	1.4	ug/L		03/10/22 07:49	03/10/22 22:17	1
Phenanthrene	10	U	10	1.3	ug/L		03/10/22 07:49	03/10/22 22:17	1
Phenol	10	U	10	0.29	ug/L		03/10/22 07:49	03/10/22 22:17	1
Pyrene	10	U	10	1.6	ug/L		03/10/22 07:49	03/10/22 22:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	126		33 - 150	03/10/22 07:49	03/10/22 22:17	1
2-Fluorobiphenyl	104		42 - 127	03/10/22 07:49	03/10/22 22:17	1
2-Fluorophenol (Surr)	61		18 - 72	03/10/22 07:49	03/10/22 22:17	1
Nitrobenzene-d5 (Surr)	111		46 - 137	03/10/22 07:49	03/10/22 22:17	1
Phenol-d5 (Surr)	41		10 - 50	03/10/22 07:49	03/10/22 22:17	1
Terphenyl-d14 (Surr)	87		39 - 150	03/10/22 07:49	03/10/22 22:17	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		03/10/22 08:07	03/11/22 06:41	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		03/10/22 08:07	03/11/22 06:41	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-02_20220308

Lab Sample ID: 460-253911-12

Date Collected: 03/08/22 13:30

Matrix: Water

Date Received: 03/08/22 18:30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 06:41	1
Aldrin	0.020	U	0.020	0.0030	ug/L		03/10/22 08:07	03/11/22 06:41	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		03/10/22 08:07	03/11/22 06:41	1
beta-BHC	0.020	U	0.020	0.015	ug/L		03/10/22 08:07	03/11/22 06:41	1
Chlordane (technical)	0.50	U	0.50	0.055	ug/L		03/10/22 08:07	03/11/22 06:41	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		03/10/22 08:07	03/11/22 06:41	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		03/10/22 08:07	03/11/22 06:41	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		03/10/22 08:07	03/11/22 06:41	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 06:41	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		03/10/22 08:07	03/11/22 06:41	1
Endrin	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 06:41	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		03/10/22 08:07	03/11/22 06:41	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		03/10/22 08:07	03/11/22 06:41	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		03/10/22 08:07	03/11/22 06:41	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		03/10/22 08:07	03/11/22 06:41	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		03/10/22 08:07	03/11/22 06:41	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 06:41	1
Toxaphene	0.50	U	0.50	0.11	ug/L		03/10/22 08:07	03/11/22 06:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	45		10 - 150	03/10/22 08:07	03/11/22 06:41	1
DCB Decachlorobiphenyl	42		10 - 150	03/10/22 08:07	03/11/22 06:41	1
Tetrachloro-m-xylene	38		10 - 150	03/10/22 08:07	03/11/22 06:41	1
Tetrachloro-m-xylene	36		10 - 150	03/10/22 08:07	03/11/22 06:41	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 08:02	1
Aroclor 1221	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 08:02	1
Aroclor 1232	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 08:02	1
Aroclor 1242	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 08:02	1
Aroclor 1248	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 08:02	1
Aroclor 1254	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 08:02	1
Aroclor 1260	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 08:02	1
Aroclor 1268	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 08:02	1
Aroclor-1262	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 08:02	1
Polychlorinated biphenyls, Total	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 08:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		10 - 138	03/10/22 08:10	03/11/22 08:02	1
DCB Decachlorobiphenyl	59		10 - 138	03/10/22 08:10	03/11/22 08:02	1
Tetrachloro-m-xylene	51		10 - 150	03/10/22 08:10	03/11/22 08:02	1
Tetrachloro-m-xylene	51		10 - 150	03/10/22 08:10	03/11/22 08:02	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	337		40.0	19.5	ug/L		03/11/22 20:05	03/13/22 10:30	1
Antimony	2.0	U	2.0	0.76	ug/L		03/11/22 20:05	03/13/22 10:30	1
Arsenic	2.0	U	2.0	0.89	ug/L		03/11/22 20:05	03/13/22 10:30	1
Barium	145		4.0	0.91	ug/L		03/11/22 20:05	03/13/22 10:30	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-02_20220308

Lab Sample ID: 460-253911-12

Date Collected: 03/08/22 13:30

Matrix: Water

Date Received: 03/08/22 18:30

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.80	U	0.80	0.13	ug/L		03/11/22 20:05	03/13/22 10:30	1
Cadmium	2.0	U	2.0	0.39	ug/L		03/11/22 20:05	03/13/22 10:30	1
Calcium	167000		500	53.6	ug/L		03/11/22 20:05	03/13/22 10:30	1
Chromium	27.8		4.0	2.5	ug/L		03/11/22 20:05	03/13/22 10:30	1
Cobalt	2.6	J	4.0	0.71	ug/L		03/11/22 20:05	03/13/22 10:30	1
Copper	3.3	J	4.0	2.5	ug/L		03/11/22 20:05	03/13/22 10:30	1
Iron	872		120	58.2	ug/L		03/11/22 20:05	03/13/22 10:30	1
Lead	1.2	U	1.2	0.84	ug/L		03/11/22 20:05	03/13/22 10:30	1
Magnesium	52600		200	46.9	ug/L		03/11/22 20:05	03/13/22 10:30	1
Manganese	273		8.0	1.5	ug/L		03/11/22 20:05	03/13/22 10:30	1
Nickel	3.8	J	4.0	0.91	ug/L		03/11/22 20:05	03/13/22 10:30	1
Potassium	5450		200	112	ug/L		03/11/22 20:05	03/13/22 10:30	1
Selenium	3.8		2.5	0.59	ug/L		03/11/22 20:05	03/13/22 10:30	1
Silver	2.0	U	2.0	0.29	ug/L		03/11/22 20:05	03/13/22 10:30	1
Sodium	155000		500	163	ug/L		03/11/22 20:05	03/13/22 10:30	1
Thallium	0.80	U	0.80	0.21	ug/L		03/11/22 20:05	03/13/22 10:30	1
Vanadium	1.2	J	4.0	0.68	ug/L		03/11/22 20:05	03/13/22 10:30	1
Zinc	16.0	U	16.0	6.5	ug/L		03/11/22 20:05	03/13/22 10:30	1

Method: 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	19.5	ug/L		03/10/22 23:47	03/11/22 01:34	1
Antimony	2.0	U	2.0	0.76	ug/L		03/10/22 23:47	03/11/22 01:34	1
Arsenic	2.0	U	2.0	0.89	ug/L		03/10/22 23:47	03/11/22 01:34	1
Barium	143		4.0	0.91	ug/L		03/10/22 23:47	03/11/22 01:34	1
Beryllium	0.80	U	0.80	0.13	ug/L		03/10/22 23:47	03/11/22 19:25	1
Cadmium	2.0	U	2.0	0.39	ug/L		03/10/22 23:47	03/11/22 01:34	1
Calcium	178000		500	53.6	ug/L		03/10/22 23:47	03/11/22 19:25	1
Chromium	27.2		4.0	2.5	ug/L		03/10/22 23:47	03/11/22 01:34	1
Cobalt	1.7	J	4.0	0.71	ug/L		03/10/22 23:47	03/11/22 01:34	1
Copper	4.0	U	4.0	2.5	ug/L		03/10/22 23:47	03/11/22 01:34	1
Iron	120	U	120	58.2	ug/L		03/10/22 23:47	03/11/22 01:34	1
Lead	1.2	U	1.2	0.84	ug/L		03/10/22 23:47	03/11/22 01:34	1
Magnesium	54300		200	46.9	ug/L		03/10/22 23:47	03/11/22 01:34	1
Manganese	220		8.0	1.5	ug/L		03/10/22 23:47	03/11/22 01:34	1
Nickel	4.0	U	4.0	0.91	ug/L		03/10/22 23:47	03/11/22 01:34	1
Potassium	5730		200	112	ug/L		03/10/22 23:47	03/11/22 01:34	1
Selenium	3.6		2.5	0.59	ug/L		03/10/22 23:47	03/11/22 19:25	1
Silver	2.0	U	2.0	0.29	ug/L		03/10/22 23:47	03/11/22 01:34	1
Sodium	161000		500	163	ug/L		03/10/22 23:47	03/11/22 01:34	1
Thallium	0.80	U	0.80	0.21	ug/L		03/10/22 23:47	03/11/22 01:34	1
Vanadium	4.0	U	4.0	0.68	ug/L		03/10/22 23:47	03/11/22 01:34	1
Zinc	16.0	U	16.0	6.5	ug/L		03/10/22 23:47	03/11/22 01:34	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		03/11/22 11:19	03/11/22 15:41	1

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-02_20220308

Lab Sample ID: 460-253911-12

Date Collected: 03/08/22 13:30

Matrix: Water

Date Received: 03/08/22 18:30

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		03/14/22 14:09	03/14/22 16:02	1

Client Sample ID: TW-03_20220308

Lab Sample ID: 460-253911-13

Date Collected: 03/08/22 14:00

Matrix: Water

Date Received: 03/08/22 18:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/11/22 15:46	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			03/11/22 15:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/11/22 15:46	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			03/11/22 15:46	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/11/22 15:46	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/11/22 15:46	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/11/22 15:46	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/11/22 15:46	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/11/22 15:46	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/11/22 15:46	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			03/11/22 15:46	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			03/11/22 15:46	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/11/22 15:46	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/11/22 15:46	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			03/11/22 15:46	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/11/22 15:46	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/11/22 15:46	1
Acetone	5.0	U	5.0	4.4	ug/L			03/11/22 15:46	1
Benzene	1.0	U	1.0	0.20	ug/L			03/11/22 15:46	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/11/22 15:46	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/11/22 15:46	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/11/22 15:46	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/11/22 15:46	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/11/22 15:46	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/11/22 15:46	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			03/11/22 15:46	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/11/22 15:46	1
Chloroform	0.88	J	1.0	0.33	ug/L			03/11/22 15:46	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/11/22 15:46	1
cis-1,2-Dichloroethene	4.3		1.0	0.22	ug/L			03/11/22 15:46	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/11/22 15:46	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/11/22 15:46	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			03/11/22 15:46	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/11/22 15:46	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/11/22 15:46	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/11/22 15:46	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/11/22 15:46	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/11/22 15:46	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/11/22 15:46	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/11/22 15:46	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			03/11/22 15:46	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/11/22 15:46	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-03_20220308

Lab Sample ID: 460-253911-13

Date Collected: 03/08/22 14:00

Matrix: Water

Date Received: 03/08/22 18:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	1.0	U	1.0	0.36	ug/L			03/11/22 15:46	1
Styrene	1.0	U	1.0	0.42	ug/L			03/11/22 15:46	1
Tetrachloroethene	66		1.0	0.25	ug/L			03/11/22 15:46	1
Toluene	1.0	U	1.0	0.38	ug/L			03/11/22 15:46	1
trans-1,2-Dichloroethene	0.39	J	1.0	0.24	ug/L			03/11/22 15:46	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/11/22 15:46	1
Trichloroethene	19		1.0	0.31	ug/L			03/11/22 15:46	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/11/22 15:46	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/11/22 15:46	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/11/22 15:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 123		03/11/22 15:46	1
4-Bromofluorobenzene	105		76 - 120		03/11/22 15:46	1
Dibromofluoromethane (Surr)	105		77 - 124		03/11/22 15:46	1
Toluene-d8 (Surr)	103		80 - 120		03/11/22 15:46	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	1.2	ug/L		03/10/22 07:49	03/10/22 22:38	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		03/10/22 07:49	03/10/22 22:38	1
1,4-Dioxane	10	U	10	1.6	ug/L		03/10/22 07:49	03/10/22 22:38	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		03/10/22 07:49	03/10/22 22:38	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		03/10/22 07:49	03/10/22 22:38	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		03/10/22 07:49	03/10/22 22:38	1
2,4,6-Trichlorophenol	10	U	10	0.86	ug/L		03/10/22 07:49	03/10/22 22:38	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		03/10/22 07:49	03/10/22 22:38	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		03/10/22 07:49	03/10/22 22:38	1
2,4-Dinitrophenol	20	U	20	2.6	ug/L		03/10/22 07:49	03/10/22 22:38	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		03/10/22 07:49	03/10/22 22:38	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		03/10/22 07:49	03/10/22 22:38	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		03/10/22 07:49	03/10/22 22:38	1
2-Chlorophenol	10	U	10	0.38	ug/L		03/10/22 07:49	03/10/22 22:38	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/10/22 07:49	03/10/22 22:38	1
2-Methylphenol	10	U	10	0.67	ug/L		03/10/22 07:49	03/10/22 22:38	1
2-Nitroaniline	10	U	10	0.47	ug/L		03/10/22 07:49	03/10/22 22:38	1
2-Nitrophenol	10	U	10	0.75	ug/L		03/10/22 07:49	03/10/22 22:38	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		03/10/22 07:49	03/10/22 22:38	1
3-Nitroaniline	10	U	10	1.9	ug/L		03/10/22 07:49	03/10/22 22:38	1
4,6-Dinitro-2-methylphenol	20	U	20	3.0	ug/L		03/10/22 07:49	03/10/22 22:38	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		03/10/22 07:49	03/10/22 22:38	1
4-Chloro-3-methylphenol	10	U	10	0.58	ug/L		03/10/22 07:49	03/10/22 22:38	1
4-Chloroaniline	10	U	10	1.9	ug/L		03/10/22 07:49	03/10/22 22:38	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		03/10/22 07:49	03/10/22 22:38	1
4-Methylphenol	10	U	10	0.65	ug/L		03/10/22 07:49	03/10/22 22:38	1
4-Nitroaniline	10	U	10	1.2	ug/L		03/10/22 07:49	03/10/22 22:38	1
4-Nitrophenol	20	U	20	4.0	ug/L		03/10/22 07:49	03/10/22 22:38	1
Acenaphthene	10	U	10	1.1	ug/L		03/10/22 07:49	03/10/22 22:38	1
Acenaphthylene	10	U	10	0.82	ug/L		03/10/22 07:49	03/10/22 22:38	1
Acetophenone	10	U	10	2.3	ug/L		03/10/22 07:49	03/10/22 22:38	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-03_20220308

Lab Sample ID: 460-253911-13

Date Collected: 03/08/22 14:00

Matrix: Water

Date Received: 03/08/22 18:30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	10	U	10	1.3	ug/L		03/10/22 07:49	03/10/22 22:38	1
Atrazine	2.0	U	2.0	1.3	ug/L		03/10/22 07:49	03/10/22 22:38	1
Benzaldehyde	10	U	10	2.1	ug/L		03/10/22 07:49	03/10/22 22:38	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/10/22 07:49	03/10/22 22:38	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/10/22 07:49	03/10/22 22:38	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/10/22 07:49	03/10/22 22:38	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		03/10/22 07:49	03/10/22 22:38	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/10/22 07:49	03/10/22 22:38	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		03/10/22 07:49	03/10/22 22:38	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		03/10/22 07:49	03/10/22 22:38	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		03/10/22 07:49	03/10/22 22:38	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		03/10/22 07:49	03/10/22 22:38	1
Caprolactam	10	U	10	2.2	ug/L		03/10/22 07:49	03/10/22 22:38	1
Carbazole	10	U	10	0.68	ug/L		03/10/22 07:49	03/10/22 22:38	1
Chrysene	2.0	U	2.0	0.91	ug/L		03/10/22 07:49	03/10/22 22:38	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/10/22 07:49	03/10/22 22:38	1
Dibenzofuran	10	U	10	1.1	ug/L		03/10/22 07:49	03/10/22 22:38	1
Diethyl phthalate	10	U	10	0.98	ug/L		03/10/22 07:49	03/10/22 22:38	1
Dimethyl phthalate	10	U	10	0.77	ug/L		03/10/22 07:49	03/10/22 22:38	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		03/10/22 07:49	03/10/22 22:38	1
Di-n-octyl phthalate	10	U	10	0.75	ug/L		03/10/22 07:49	03/10/22 22:38	1
Fluoranthene	10	U	10	0.84	ug/L		03/10/22 07:49	03/10/22 22:38	1
Fluorene	10	U	10	0.91	ug/L		03/10/22 07:49	03/10/22 22:38	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		03/10/22 07:49	03/10/22 22:38	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		03/10/22 07:49	03/10/22 22:38	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		03/10/22 07:49	03/10/22 22:38	1
Hexachloroethane	2.0	U	2.0	0.80	ug/L		03/10/22 07:49	03/10/22 22:38	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/10/22 07:49	03/10/22 22:38	1
Isophorone	10	U	10	0.80	ug/L		03/10/22 07:49	03/10/22 22:38	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/10/22 07:49	03/10/22 22:38	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		03/10/22 07:49	03/10/22 22:38	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		03/10/22 07:49	03/10/22 22:38	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		03/10/22 07:49	03/10/22 22:38	1
Pentachlorophenol	20	U	20	1.4	ug/L		03/10/22 07:49	03/10/22 22:38	1
Phenanthrene	10	U	10	1.3	ug/L		03/10/22 07:49	03/10/22 22:38	1
Phenol	10	U	10	0.29	ug/L		03/10/22 07:49	03/10/22 22:38	1
Pyrene	10	U	10	1.6	ug/L		03/10/22 07:49	03/10/22 22:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	123		33 - 150	03/10/22 07:49	03/10/22 22:38	1
2-Fluorobiphenyl	107		42 - 127	03/10/22 07:49	03/10/22 22:38	1
2-Fluorophenol (Surr)	64		18 - 72	03/10/22 07:49	03/10/22 22:38	1
Nitrobenzene-d5 (Surr)	118		46 - 137	03/10/22 07:49	03/10/22 22:38	1
Phenol-d5 (Surr)	43		10 - 50	03/10/22 07:49	03/10/22 22:38	1
Terphenyl-d14 (Surr)	99		39 - 150	03/10/22 07:49	03/10/22 22:38	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		03/10/22 08:07	03/11/22 06:57	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		03/10/22 08:07	03/11/22 06:57	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-03_20220308

Lab Sample ID: 460-253911-13

Date Collected: 03/08/22 14:00

Matrix: Water

Date Received: 03/08/22 18:30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 06:57	1
Aldrin	0.020	U	0.020	0.0030	ug/L		03/10/22 08:07	03/11/22 06:57	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		03/10/22 08:07	03/11/22 06:57	1
beta-BHC	0.020	U	0.020	0.015	ug/L		03/10/22 08:07	03/11/22 06:57	1
Chlordane (technical)	0.50	U	0.50	0.055	ug/L		03/10/22 08:07	03/11/22 06:57	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		03/10/22 08:07	03/11/22 06:57	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		03/10/22 08:07	03/11/22 06:57	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		03/10/22 08:07	03/11/22 06:57	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 06:57	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		03/10/22 08:07	03/11/22 06:57	1
Endrin	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 06:57	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		03/10/22 08:07	03/11/22 06:57	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		03/10/22 08:07	03/11/22 06:57	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		03/10/22 08:07	03/11/22 06:57	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		03/10/22 08:07	03/11/22 06:57	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		03/10/22 08:07	03/11/22 06:57	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 06:57	1
Toxaphene	0.50	U	0.50	0.11	ug/L		03/10/22 08:07	03/11/22 06:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	51		10 - 150	03/10/22 08:07	03/11/22 06:57	1
DCB Decachlorobiphenyl	47		10 - 150	03/10/22 08:07	03/11/22 06:57	1
Tetrachloro-m-xylene	43		10 - 150	03/10/22 08:07	03/11/22 06:57	1
Tetrachloro-m-xylene	40		10 - 150	03/10/22 08:07	03/11/22 06:57	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 08:19	1
Aroclor 1221	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 08:19	1
Aroclor 1232	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 08:19	1
Aroclor 1242	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 08:19	1
Aroclor 1248	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 08:19	1
Aroclor 1254	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 08:19	1
Aroclor 1260	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 08:19	1
Aroclor 1268	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 08:19	1
Aroclor-1262	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 08:19	1
Polychlorinated biphenyls, Total	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 08:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	51		10 - 138	03/10/22 08:10	03/11/22 08:19	1
DCB Decachlorobiphenyl	46		10 - 138	03/10/22 08:10	03/11/22 08:19	1
Tetrachloro-m-xylene	44		10 - 150	03/10/22 08:10	03/11/22 08:19	1
Tetrachloro-m-xylene	42		10 - 150	03/10/22 08:10	03/11/22 08:19	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	170		40.0	19.5	ug/L		03/11/22 20:05	03/13/22 10:32	1
Antimony	2.0	U	2.0	0.76	ug/L		03/11/22 20:05	03/13/22 10:32	1
Arsenic	2.0	U	2.0	0.89	ug/L		03/11/22 20:05	03/13/22 10:32	1
Barium	123		4.0	0.91	ug/L		03/11/22 20:05	03/13/22 10:32	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-03_20220308

Lab Sample ID: 460-253911-13

Date Collected: 03/08/22 14:00

Matrix: Water

Date Received: 03/08/22 18:30

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.80	U	0.80	0.13	ug/L		03/11/22 20:05	03/13/22 10:32	1
Cadmium	2.0	U	2.0	0.39	ug/L		03/11/22 20:05	03/13/22 10:32	1
Calcium	181000		500	53.6	ug/L		03/11/22 20:05	03/13/22 10:32	1
Chromium	4.3		4.0	2.5	ug/L		03/11/22 20:05	03/13/22 10:32	1
Cobalt	2.1	J	4.0	0.71	ug/L		03/11/22 20:05	03/13/22 10:32	1
Copper	4.0	U	4.0	2.5	ug/L		03/11/22 20:05	03/13/22 10:32	1
Iron	416		120	58.2	ug/L		03/11/22 20:05	03/13/22 10:32	1
Lead	1.2	U	1.2	0.84	ug/L		03/11/22 20:05	03/13/22 10:32	1
Magnesium	58900		200	46.9	ug/L		03/11/22 20:05	03/13/22 10:32	1
Manganese	197		8.0	1.5	ug/L		03/11/22 20:05	03/13/22 10:32	1
Nickel	4.7		4.0	0.91	ug/L		03/11/22 20:05	03/13/22 10:32	1
Potassium	7550		200	112	ug/L		03/11/22 20:05	03/13/22 10:32	1
Selenium	2.1	J	2.5	0.59	ug/L		03/11/22 20:05	03/13/22 10:32	1
Silver	2.0	U	2.0	0.29	ug/L		03/11/22 20:05	03/13/22 10:32	1
Sodium	167000		500	163	ug/L		03/11/22 20:05	03/13/22 10:32	1
Thallium	0.80	U	0.80	0.21	ug/L		03/11/22 20:05	03/13/22 10:32	1
Vanadium	4.0	U	4.0	0.68	ug/L		03/11/22 20:05	03/13/22 10:32	1
Zinc	16.0	U	16.0	6.5	ug/L		03/11/22 20:05	03/13/22 10:32	1

Method: 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	19.5	ug/L		03/10/22 23:47	03/11/22 01:41	1
Antimony	2.0	U	2.0	0.76	ug/L		03/10/22 23:47	03/11/22 01:41	1
Arsenic	2.0	U	2.0	0.89	ug/L		03/10/22 23:47	03/11/22 01:41	1
Barium	120		4.0	0.91	ug/L		03/10/22 23:47	03/11/22 01:41	1
Beryllium	0.80	U	0.80	0.13	ug/L		03/10/22 23:47	03/11/22 01:41	1
Cadmium	2.0	U	2.0	0.39	ug/L		03/10/22 23:47	03/11/22 01:41	1
Calcium	180000		500	53.6	ug/L		03/10/22 23:47	03/11/22 01:41	1
Chromium	3.9	J	4.0	2.5	ug/L		03/10/22 23:47	03/11/22 01:41	1
Cobalt	1.8	J	4.0	0.71	ug/L		03/10/22 23:47	03/11/22 01:41	1
Copper	4.0	U	4.0	2.5	ug/L		03/10/22 23:47	03/11/22 01:41	1
Iron	120	U	120	58.2	ug/L		03/10/22 23:47	03/11/22 01:41	1
Lead	1.2	U	1.2	0.84	ug/L		03/10/22 23:47	03/11/22 01:41	1
Magnesium	60400		200	46.9	ug/L		03/10/22 23:47	03/11/22 01:41	1
Manganese	169		8.0	1.5	ug/L		03/10/22 23:47	03/11/22 01:41	1
Nickel	1.1	J	4.0	0.91	ug/L		03/10/22 23:47	03/11/22 01:41	1
Potassium	7700		200	112	ug/L		03/10/22 23:47	03/11/22 01:41	1
Selenium	1.8	J	2.5	0.59	ug/L		03/10/22 23:47	03/11/22 01:41	1
Silver	2.0	U	2.0	0.29	ug/L		03/10/22 23:47	03/11/22 01:41	1
Sodium	169000		500	163	ug/L		03/10/22 23:47	03/11/22 01:41	1
Thallium	0.80	U	0.80	0.21	ug/L		03/10/22 23:47	03/11/22 01:41	1
Vanadium	4.0	U	4.0	0.68	ug/L		03/10/22 23:47	03/11/22 01:41	1
Zinc	16.0	U	16.0	6.5	ug/L		03/10/22 23:47	03/11/22 01:41	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		03/11/22 11:19	03/11/22 15:43	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-03_20220308

Lab Sample ID: 460-253911-13

Date Collected: 03/08/22 14:00

Matrix: Water

Date Received: 03/08/22 18:30

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		03/14/22 14:09	03/14/22 15:45	1

Client Sample ID: TW-04_20220308

Lab Sample ID: 460-253911-14

Date Collected: 03/08/22 08:55

Matrix: Water

Date Received: 03/08/22 18:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/11/22 16:08	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			03/11/22 16:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/11/22 16:08	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			03/11/22 16:08	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/11/22 16:08	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/11/22 16:08	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/11/22 16:08	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/11/22 16:08	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/11/22 16:08	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/11/22 16:08	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			03/11/22 16:08	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			03/11/22 16:08	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/11/22 16:08	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/11/22 16:08	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			03/11/22 16:08	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/11/22 16:08	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/11/22 16:08	1
Acetone	5.0	U	5.0	4.4	ug/L			03/11/22 16:08	1
Benzene	1.0	U	1.0	0.20	ug/L			03/11/22 16:08	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/11/22 16:08	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/11/22 16:08	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/11/22 16:08	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/11/22 16:08	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/11/22 16:08	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/11/22 16:08	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			03/11/22 16:08	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/11/22 16:08	1
Chloroform	1.1		1.0	0.33	ug/L			03/11/22 16:08	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/11/22 16:08	1
cis-1,2-Dichloroethene	1.2		1.0	0.22	ug/L			03/11/22 16:08	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/11/22 16:08	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/11/22 16:08	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			03/11/22 16:08	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/11/22 16:08	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/11/22 16:08	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/11/22 16:08	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/11/22 16:08	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/11/22 16:08	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/11/22 16:08	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/11/22 16:08	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			03/11/22 16:08	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/11/22 16:08	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-04_20220308

Lab Sample ID: 460-253911-14

Date Collected: 03/08/22 08:55

Matrix: Water

Date Received: 03/08/22 18:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	1.0	U	1.0	0.36	ug/L			03/11/22 16:08	1
Styrene	1.0	U	1.0	0.42	ug/L			03/11/22 16:08	1
Tetrachloroethene	16		1.0	0.25	ug/L			03/11/22 16:08	1
Toluene	1.0	U	1.0	0.38	ug/L			03/11/22 16:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/11/22 16:08	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/11/22 16:08	1
Trichloroethene	5.7		1.0	0.31	ug/L			03/11/22 16:08	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/11/22 16:08	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/11/22 16:08	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/11/22 16:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		75 - 123		03/11/22 16:08	1
4-Bromofluorobenzene	105		76 - 120		03/11/22 16:08	1
Dibromofluoromethane (Surr)	107		77 - 124		03/11/22 16:08	1
Toluene-d8 (Surr)	102		80 - 120		03/11/22 16:08	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	1.2	ug/L		03/10/22 07:49	03/10/22 22:59	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		03/10/22 07:49	03/10/22 22:59	1
1,4-Dioxane	10	U	10	1.6	ug/L		03/10/22 07:49	03/10/22 22:59	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		03/10/22 07:49	03/10/22 22:59	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		03/10/22 07:49	03/10/22 22:59	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		03/10/22 07:49	03/10/22 22:59	1
2,4,6-Trichlorophenol	10	U	10	0.86	ug/L		03/10/22 07:49	03/10/22 22:59	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		03/10/22 07:49	03/10/22 22:59	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		03/10/22 07:49	03/10/22 22:59	1
2,4-Dinitrophenol	20	U	20	2.6	ug/L		03/10/22 07:49	03/10/22 22:59	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		03/10/22 07:49	03/10/22 22:59	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		03/10/22 07:49	03/10/22 22:59	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		03/10/22 07:49	03/10/22 22:59	1
2-Chlorophenol	10	U	10	0.38	ug/L		03/10/22 07:49	03/10/22 22:59	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/10/22 07:49	03/10/22 22:59	1
2-Methylphenol	10	U	10	0.67	ug/L		03/10/22 07:49	03/10/22 22:59	1
2-Nitroaniline	10	U	10	0.47	ug/L		03/10/22 07:49	03/10/22 22:59	1
2-Nitrophenol	10	U	10	0.75	ug/L		03/10/22 07:49	03/10/22 22:59	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		03/10/22 07:49	03/10/22 22:59	1
3-Nitroaniline	10	U	10	1.9	ug/L		03/10/22 07:49	03/10/22 22:59	1
4,6-Dinitro-2-methylphenol	20	U	20	3.0	ug/L		03/10/22 07:49	03/10/22 22:59	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		03/10/22 07:49	03/10/22 22:59	1
4-Chloro-3-methylphenol	10	U	10	0.58	ug/L		03/10/22 07:49	03/10/22 22:59	1
4-Chloroaniline	10	U	10	1.9	ug/L		03/10/22 07:49	03/10/22 22:59	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		03/10/22 07:49	03/10/22 22:59	1
4-Methylphenol	10	U	10	0.65	ug/L		03/10/22 07:49	03/10/22 22:59	1
4-Nitroaniline	10	U	10	1.2	ug/L		03/10/22 07:49	03/10/22 22:59	1
4-Nitrophenol	20	U	20	4.0	ug/L		03/10/22 07:49	03/10/22 22:59	1
Acenaphthene	10	U	10	1.1	ug/L		03/10/22 07:49	03/10/22 22:59	1
Acenaphthylene	10	U	10	0.82	ug/L		03/10/22 07:49	03/10/22 22:59	1
Acetophenone	10	U	10	2.3	ug/L		03/10/22 07:49	03/10/22 22:59	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-04_20220308

Lab Sample ID: 460-253911-14

Date Collected: 03/08/22 08:55

Matrix: Water

Date Received: 03/08/22 18:30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	10	U	10	1.3	ug/L		03/10/22 07:49	03/10/22 22:59	1
Atrazine	2.0	U	2.0	1.3	ug/L		03/10/22 07:49	03/10/22 22:59	1
Benzaldehyde	10	U	10	2.1	ug/L		03/10/22 07:49	03/10/22 22:59	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/10/22 07:49	03/10/22 22:59	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/10/22 07:49	03/10/22 22:59	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/10/22 07:49	03/10/22 22:59	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		03/10/22 07:49	03/10/22 22:59	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/10/22 07:49	03/10/22 22:59	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		03/10/22 07:49	03/10/22 22:59	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		03/10/22 07:49	03/10/22 22:59	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		03/10/22 07:49	03/10/22 22:59	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		03/10/22 07:49	03/10/22 22:59	1
Caprolactam	10	U	10	2.2	ug/L		03/10/22 07:49	03/10/22 22:59	1
Carbazole	10	U	10	0.68	ug/L		03/10/22 07:49	03/10/22 22:59	1
Chrysene	2.0	U	2.0	0.91	ug/L		03/10/22 07:49	03/10/22 22:59	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/10/22 07:49	03/10/22 22:59	1
Dibenzofuran	10	U	10	1.1	ug/L		03/10/22 07:49	03/10/22 22:59	1
Diethyl phthalate	10	U	10	0.98	ug/L		03/10/22 07:49	03/10/22 22:59	1
Dimethyl phthalate	10	U	10	0.77	ug/L		03/10/22 07:49	03/10/22 22:59	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		03/10/22 07:49	03/10/22 22:59	1
Di-n-octyl phthalate	10	U	10	0.75	ug/L		03/10/22 07:49	03/10/22 22:59	1
Fluoranthene	10	U	10	0.84	ug/L		03/10/22 07:49	03/10/22 22:59	1
Fluorene	10	U	10	0.91	ug/L		03/10/22 07:49	03/10/22 22:59	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		03/10/22 07:49	03/10/22 22:59	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		03/10/22 07:49	03/10/22 22:59	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		03/10/22 07:49	03/10/22 22:59	1
Hexachloroethane	2.0	U	2.0	0.80	ug/L		03/10/22 07:49	03/10/22 22:59	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/10/22 07:49	03/10/22 22:59	1
Isophorone	10	U	10	0.80	ug/L		03/10/22 07:49	03/10/22 22:59	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/10/22 07:49	03/10/22 22:59	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		03/10/22 07:49	03/10/22 22:59	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		03/10/22 07:49	03/10/22 22:59	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		03/10/22 07:49	03/10/22 22:59	1
Pentachlorophenol	20	U	20	1.4	ug/L		03/10/22 07:49	03/10/22 22:59	1
Phenanthrene	10	U	10	1.3	ug/L		03/10/22 07:49	03/10/22 22:59	1
Phenol	10	U	10	0.29	ug/L		03/10/22 07:49	03/10/22 22:59	1
Pyrene	10	U	10	1.6	ug/L		03/10/22 07:49	03/10/22 22:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	119		33 - 150	03/10/22 07:49	03/10/22 22:59	1
2-Fluorobiphenyl	97		42 - 127	03/10/22 07:49	03/10/22 22:59	1
2-Fluorophenol (Surr)	61		18 - 72	03/10/22 07:49	03/10/22 22:59	1
Nitrobenzene-d5 (Surr)	105		46 - 137	03/10/22 07:49	03/10/22 22:59	1
Phenol-d5 (Surr)	42		10 - 50	03/10/22 07:49	03/10/22 22:59	1
Terphenyl-d14 (Surr)	87		39 - 150	03/10/22 07:49	03/10/22 22:59	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		03/10/22 08:07	03/11/22 07:13	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		03/10/22 08:07	03/11/22 07:13	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-04_20220308

Lab Sample ID: 460-253911-14

Date Collected: 03/08/22 08:55

Matrix: Water

Date Received: 03/08/22 18:30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 07:13	1
Aldrin	0.020	U	0.020	0.0030	ug/L		03/10/22 08:07	03/11/22 07:13	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		03/10/22 08:07	03/11/22 07:13	1
beta-BHC	0.020	U	0.020	0.015	ug/L		03/10/22 08:07	03/11/22 07:13	1
Chlordane (technical)	0.50	U	0.50	0.055	ug/L		03/10/22 08:07	03/11/22 07:13	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		03/10/22 08:07	03/11/22 07:13	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		03/10/22 08:07	03/11/22 07:13	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		03/10/22 08:07	03/11/22 07:13	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 07:13	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		03/10/22 08:07	03/11/22 07:13	1
Endrin	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 07:13	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		03/10/22 08:07	03/11/22 07:13	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		03/10/22 08:07	03/11/22 07:13	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		03/10/22 08:07	03/11/22 07:13	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		03/10/22 08:07	03/11/22 07:13	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		03/10/22 08:07	03/11/22 07:13	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 07:13	1
Toxaphene	0.50	U	0.50	0.11	ug/L		03/10/22 08:07	03/11/22 07:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55		10 - 150	03/10/22 08:07	03/11/22 07:13	1
DCB Decachlorobiphenyl	52		10 - 150	03/10/22 08:07	03/11/22 07:13	1
Tetrachloro-m-xylene	51		10 - 150	03/10/22 08:07	03/11/22 07:13	1
Tetrachloro-m-xylene	43		10 - 150	03/10/22 08:07	03/11/22 07:13	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 08:35	1
Aroclor 1221	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 08:35	1
Aroclor 1232	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 08:35	1
Aroclor 1242	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 08:35	1
Aroclor 1248	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 08:35	1
Aroclor 1254	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 08:35	1
Aroclor 1260	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 08:35	1
Aroclor 1268	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 08:35	1
Aroclor-1262	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 08:35	1
Polychlorinated biphenyls, Total	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 08:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		10 - 138	03/10/22 08:10	03/11/22 08:35	1
DCB Decachlorobiphenyl	56		10 - 138	03/10/22 08:10	03/11/22 08:35	1
Tetrachloro-m-xylene	60		10 - 150	03/10/22 08:10	03/11/22 08:35	1
Tetrachloro-m-xylene	50		10 - 150	03/10/22 08:10	03/11/22 08:35	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1230		40.0	19.5	ug/L		03/11/22 20:05	03/13/22 10:34	1
Antimony	1.3	J	2.0	0.76	ug/L		03/11/22 20:05	03/13/22 10:34	1
Arsenic	1.1	J	2.0	0.89	ug/L		03/11/22 20:05	03/13/22 10:34	1
Barium	140		4.0	0.91	ug/L		03/11/22 20:05	03/13/22 10:34	1

Euromins Edison

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-04_20220308

Lab Sample ID: 460-253911-14

Date Collected: 03/08/22 08:55

Matrix: Water

Date Received: 03/08/22 18:30

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.80	U	0.80	0.13	ug/L		03/11/22 20:05	03/13/22 10:34	1
Cadmium	2.0	U	2.0	0.39	ug/L		03/11/22 20:05	03/13/22 10:34	1
Calcium	159000		500	53.6	ug/L		03/11/22 20:05	03/13/22 10:34	1
Chromium	7.9		4.0	2.5	ug/L		03/11/22 20:05	03/13/22 10:34	1
Cobalt	3.4	J	4.0	0.71	ug/L		03/11/22 20:05	03/13/22 10:34	1
Copper	14.4		4.0	2.5	ug/L		03/11/22 20:05	03/13/22 10:34	1
Iron	3310		120	58.2	ug/L		03/11/22 20:05	03/13/22 10:34	1
Lead	7.0		1.2	0.84	ug/L		03/11/22 20:05	03/13/22 10:34	1
Magnesium	44500		200	46.9	ug/L		03/11/22 20:05	03/13/22 10:34	1
Manganese	294		8.0	1.5	ug/L		03/11/22 20:05	03/13/22 10:34	1
Nickel	12.6		4.0	0.91	ug/L		03/11/22 20:05	03/13/22 10:34	1
Potassium	6850		200	112	ug/L		03/11/22 20:05	03/13/22 10:34	1
Selenium	3.4		2.5	0.59	ug/L		03/11/22 20:05	03/13/22 10:34	1
Silver	2.0	U	2.0	0.29	ug/L		03/11/22 20:05	03/13/22 10:34	1
Sodium	147000		500	163	ug/L		03/11/22 20:05	03/13/22 10:34	1
Thallium	0.80	U	0.80	0.21	ug/L		03/11/22 20:05	03/13/22 10:34	1
Vanadium	4.3		4.0	0.68	ug/L		03/11/22 20:05	03/13/22 10:34	1
Zinc	24.6		16.0	6.5	ug/L		03/11/22 20:05	03/13/22 10:34	1

Method: 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	19.5	ug/L		03/10/22 23:47	03/11/22 01:43	1
Antimony	2.0	U	2.0	0.76	ug/L		03/10/22 23:47	03/11/22 01:43	1
Arsenic	2.0	U	2.0	0.89	ug/L		03/10/22 23:47	03/11/22 01:43	1
Barium	109		4.0	0.91	ug/L		03/10/22 23:47	03/11/22 01:43	1
Beryllium	0.80	U	0.80	0.13	ug/L		03/10/22 23:47	03/11/22 01:43	1
Cadmium	2.0	U	2.0	0.39	ug/L		03/10/22 23:47	03/11/22 01:43	1
Calcium	155000		500	53.6	ug/L		03/10/22 23:47	03/11/22 01:43	1
Chromium	4.0	U	4.0	2.5	ug/L		03/10/22 23:47	03/11/22 01:43	1
Cobalt	1.7	J	4.0	0.71	ug/L		03/10/22 23:47	03/11/22 01:43	1
Copper	2.8	J	4.0	2.5	ug/L		03/10/22 23:47	03/11/22 01:43	1
Iron	120	U	120	58.2	ug/L		03/10/22 23:47	03/11/22 01:43	1
Lead	1.2	U	1.2	0.84	ug/L		03/10/22 23:47	03/11/22 01:43	1
Magnesium	44900		200	46.9	ug/L		03/10/22 23:47	03/11/22 01:43	1
Manganese	248		8.0	1.5	ug/L		03/10/22 23:47	03/11/22 01:43	1
Nickel	5.3		4.0	0.91	ug/L		03/10/22 23:47	03/11/22 01:43	1
Potassium	6590		200	112	ug/L		03/10/22 23:47	03/11/22 01:43	1
Selenium	3.4		2.5	0.59	ug/L		03/10/22 23:47	03/11/22 01:43	1
Silver	2.0	U	2.0	0.29	ug/L		03/10/22 23:47	03/11/22 01:43	1
Sodium	146000		500	163	ug/L		03/10/22 23:47	03/11/22 01:43	1
Thallium	0.80	U	0.80	0.21	ug/L		03/10/22 23:47	03/11/22 01:43	1
Vanadium	0.68	J	4.0	0.68	ug/L		03/10/22 23:47	03/11/22 01:43	1
Zinc	10.9	J	16.0	6.5	ug/L		03/10/22 23:47	03/11/22 01:43	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		03/11/22 11:19	03/11/22 15:44	1

Client Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-04_20220308

Lab Sample ID: 460-253911-14

Date Collected: 03/08/22 08:55

Matrix: Water

Date Received: 03/08/22 18:30

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		03/14/22 14:09	03/14/22 16:04	1

Client Sample ID: TB_20220308

Lab Sample ID: 460-253911-15

Date Collected: 03/08/22 15:00

Matrix: Water

Date Received: 03/08/22 18:30

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/11/22 14:00	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			03/11/22 14:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/11/22 14:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			03/11/22 14:00	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/11/22 14:00	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/11/22 14:00	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/11/22 14:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/11/22 14:00	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/11/22 14:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/11/22 14:00	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			03/11/22 14:00	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			03/11/22 14:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/11/22 14:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/11/22 14:00	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			03/11/22 14:00	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/11/22 14:00	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/11/22 14:00	1
Acetone	5.0	U	5.0	4.4	ug/L			03/11/22 14:00	1
Benzene	1.0	U	1.0	0.20	ug/L			03/11/22 14:00	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/11/22 14:00	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/11/22 14:00	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/11/22 14:00	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/11/22 14:00	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/11/22 14:00	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/11/22 14:00	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			03/11/22 14:00	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/11/22 14:00	1
Chloroform	1.0	U	1.0	0.33	ug/L			03/11/22 14:00	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/11/22 14:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			03/11/22 14:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/11/22 14:00	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/11/22 14:00	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			03/11/22 14:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/11/22 14:00	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/11/22 14:00	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/11/22 14:00	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/11/22 14:00	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/11/22 14:00	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/11/22 14:00	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/11/22 14:00	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			03/11/22 14:00	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/11/22 14:00	1

Eurofins Edison

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TB_20220308

Lab Sample ID: 460-253911-15

Date Collected: 03/08/22 15:00

Matrix: Water

Date Received: 03/08/22 18:30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	1.0	U	1.0	0.36	ug/L			03/11/22 14:00	1
Styrene	1.0	U	1.0	0.42	ug/L			03/11/22 14:00	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			03/11/22 14:00	1
Toluene	1.0	U	1.0	0.38	ug/L			03/11/22 14:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/11/22 14:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/11/22 14:00	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			03/11/22 14:00	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/11/22 14:00	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/11/22 14:00	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/11/22 14:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		75 - 123		03/11/22 14:00	1
4-Bromofluorobenzene	104		76 - 120		03/11/22 14:00	1
Dibromofluoromethane (Surr)	108		77 - 124		03/11/22 14:00	1
Toluene-d8 (Surr)	102		80 - 120		03/11/22 14:00	1

Surrogate Summary

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-145)	BFB (70-139)	DBFM (48-150)	TOL (80-120)
460-253843-1	SB-04_1-3_20220307	96	96	105	87
460-253843-2	SB-04_12-14_20220307	94	98	100	86
460-253843-3	SB-05_1-3_20220307	100	92	105	88
460-253843-4	SB-05_12-14_20220307	97	96	104	85
460-253843-5	SB-06_1-3_20220307	97	97	103	83
460-253843-6	SB-06_12-14_20220307	91	92	101	86
460-253843-7	SB-09_1-3_20220307	96	100	103	85
460-253843-8	SB-09_12-14_20220307	94	93	104	89
460-253843-9	SB-10_1-3_20220307	98	97	105	85
460-253843-10	SB-10_12-14_20220307	97	91	104	87
460-253911-1	SB-01_1-3_20220308	95	95	102	85
460-253911-2	SB-01_12-14_20220308	93	93	103	87
460-253911-3	SB-02_1-3_20220308	96	93	103	88
460-253911-4	SB-02_12-14_20220308	93	97	104	84
460-253911-5	SB-03_1-3_20220308	94	97	103	84
460-253911-6	SB-03_12-14_20220308	93	94	104	87
460-253911-7	SB-07_1-3_20220308	97	93	105	87
460-253911-8	SB-07_12-14_20220308	92	95	102	82
460-253911-9	SB-08_1-3_20220308	97	97	106	85
460-253911-10	SB-08_12-14_20220308	94	92	105	86
LB3 460-832359/1-A	Method Blank	114	97	104	99
LB3 460-832582/1-A	Method Blank	93	97	104	88
LCS 460-832417/4	Lab Control Sample	90	98	98	88
LCS 460-832424/4	Lab Control Sample	110	97	101	97
LCS 460-832755/3	Lab Control Sample	94	96	97	89
LCS 460-832843/3	Lab Control Sample	91	95	97	92
LCS 460-832959/4	Lab Control Sample	95	99	102	86
LCSD 460-832417/5	Lab Control Sample Dup	95	99	100	90
LCSD 460-832424/5	Lab Control Sample Dup	111	103	103	98
LCSD 460-832755/4	Lab Control Sample Dup	94	100	98	84
LCSD 460-832843/4	Lab Control Sample Dup	91	97	93	87
LCSD 460-832959/6	Lab Control Sample Dup	96	95	100	97
MB 460-832417/8	Method Blank	100	98	103	83
MB 460-832424/8	Method Blank	122	106	114	107
MB 460-832755/9	Method Blank	97	98	98	86
MB 460-832843/7	Method Blank	92	97	100	85
MB 460-832959/9	Method Blank	98	98	107	87

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
 BFB = 4-Bromofluorobenzene
 DBFM = Dibromofluoromethane (Surr)
 TOL = Toluene-d8 (Surr)

Surrogate Summary

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-123)	BFB (76-120)	DBFM (77-124)	TOL (80-120)
460-253843-11	TW-05_20220307	103	112	128 *	115
460-253843-12	TW-06_20220307	104	108	130 *	115
460-253843-13	TB_20220307	99	109	126 *	112
460-253911-11	TW-01_20220308	105	105	108	102
460-253911-12	TW-02_20220308	104	104	106	101
460-253911-13	TW-03_20220308	103	105	105	103
460-253911-14	TW-04_20220308	107	105	107	102
460-253911-15	TB_20220308	106	104	108	102
LCS 460-832767/4	Lab Control Sample	99	110	120	115
LCS 460-832851/3	Lab Control Sample	104	104	102	103
LCS 460-832960/3	Lab Control Sample	97	105	101	104
LCSD 460-832767/5	Lab Control Sample Dup	101	115	122	112
LCSD 460-832851/4	Lab Control Sample Dup	102	105	100	104
LCSD 460-832960/4	Lab Control Sample Dup	102	104	102	105
MB 460-832767/8	Method Blank	103	110	125 *	112
MB 460-832851/8	Method Blank	106	106	109	102
MB 460-832960/9	Method Blank	106	105	107	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
 BFB = 4-Bromofluorobenzene
 DBFM = Dibromofluoromethane (Surr)
 TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (10-123)	FBP (14-103)	2FP (10-105)	NBZ (11-104)	PHL (15-100)	TPHL (12-126)
460-253352-A-4-B MS	Matrix Spike	94	93	82	101	86	93
460-253352-A-4-C MSD	Matrix Spike Duplicate	93	90	93	113 *	95	97
460-253843-1	SB-04_1-3_20220307	89	91	86	87	87	91
460-253843-2	SB-04_12-14_20220307	83	91	88	91	93	100
460-253843-3	SB-05_1-3_20220307	87	88	86	88	85	92
460-253843-4	SB-05_12-14_20220307	88	92	93	94	95	102
460-253843-5	SB-06_1-3_20220307	90	89	83	88	85	93
460-253843-6	SB-06_12-14_20220307	85	89	90	88	92	99
460-253843-7	SB-09_1-3_20220307	90	89	87	88	91	94
460-253843-7 MS	SB-09_1-3_20220307	103	89	85	88	94	96
460-253843-7 MSD	SB-09_1-3_20220307	100	87	84	85	89	92
460-253843-8	SB-09_12-14_20220307	95	89	87	89	94	102
460-253843-9	SB-10_1-3_20220307	91	87	82	83	84	93
460-253843-10	SB-10_12-14_20220307	92	88	84	86	91	96
460-253904-E-7-G MS	Matrix Spike	48	62	64	62	64	68
460-253904-E-7-H MSD	Matrix Spike Duplicate	49	59	59	59	59	63
460-253911-1	SB-01_1-3_20220308	54	60	56	53	54	64
460-253911-2	SB-01_12-14_20220308	66	68	72	70	66	80
460-253911-3	SB-02_1-3_20220308	70	69	69	67	65	83
460-253911-4	SB-02_12-14_20220308	54	62	68	64	62	75
460-253911-5	SB-03_1-3_20220308	65	66	61	56	62	68

Eurofins Edison

Surrogate Summary

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (10-123)	FBP (14-103)	2FP (10-105)	NBZ (11-104)	PHL (15-100)	TPHL (12-126)
460-253911-6	SB-03_12-14_20220308	48	54	57	55	53	63
460-253911-7	SB-07_1-3_20220308	51	66	67	66	63	81
460-253911-8	SB-07_12-14_20220308	53	56	59	56	54	65
460-253911-9	SB-08_1-3_20220308	57	57	59	55	54	66
460-253911-10	SB-08_12-14_20220308	60	61	66	64	59	74
LCS 460-832595/2-A	Lab Control Sample	78	77	76	80	79	82
LCS 460-832596/2-A	Lab Control Sample	86	69	67	69	71	76
LCS 460-832599/2-A	Lab Control Sample	69	66	66	67	68	76
LCSD 460-832595/3-A	Lab Control Sample Dup	76	72	71	75	76	77
LCSD 460-832596/3-A	Lab Control Sample Dup	94	77	71	79	80	86
LCSD 460-832599/3-A	Lab Control Sample Dup	76	71	72	72	73	80
MB 460-832595/1-A	Method Blank	76	77	79	82	82	86
MB 460-832596/1-A	Method Blank	85	76	71	81	79	85
MB 460-832599/1-A	Method Blank	68	70	73	73	71	82

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (33-150)	FBP (42-127)	2FP (18-72)	NBZ (46-137)	PHL (10-50)	TPHL (39-150)
460-253843-11	TW-05_20220307	102	95	57	104	38	85
460-253843-12	TW-06_20220307	87	86	51	92	34	76
460-253911-11	TW-01_20220308	122	99	58	106	38	84
460-253911-12	TW-02_20220308	126	104	61	111	41	87
460-253911-13	TW-03_20220308	123	107	64	118	43	99
460-253911-14	TW-04_20220308	119	97	61	105	42	87
LCS 460-832410/2-A	Lab Control Sample	96	91	47	89	32	91
LCS 460-832639/2-A	Lab Control Sample	89	78	43	80	28	79
LCSD 460-832410/3-A	Lab Control Sample Dup	93	91	47	90	32	94
LCSD 460-832639/3-A	Lab Control Sample Dup	84	78	44	81	29	79
MB 460-832410/1-A	Method Blank	81	85	45	85	30	96
MB 460-832639/1-A	Method Blank	99	85	46	91	31	90

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

Surrogate Summary

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (10-133)	TCX2 (10-133)
460-253843-1	SB-04_1-3_20220307	85	71	67	69
460-253843-2	SB-04_12-14_20220307	89	72	67	72
460-253843-3	SB-05_1-3_20220307	89	74	68	73
460-253843-4	SB-05_12-14_20220307	86	74	68	73
460-253843-5	SB-06_1-3_20220307	109	73	68	72
460-253843-6	SB-06_12-14_20220307	81	64	67	66
460-253843-7	SB-09_1-3_20220307	102	84	71	77
460-253843-8	SB-09_12-14_20220307	92	76	68	72
460-253843-9	SB-10_1-3_20220307	82	75	65	69
460-253843-10	SB-10_12-14_20220307	76	65	59	63
460-253911-1	SB-01_1-3_20220308	89	91	76	85
460-253911-1 MS	SB-01_1-3_20220308	66	71	60	65
460-253911-1 MSD	SB-01_1-3_20220308	74	77	65	71
460-253911-2	SB-01_12-14_20220308	93	93	77	85
460-253911-3	SB-02_1-3_20220308	78	79	67	74
460-253911-4	SB-02_12-14_20220308	86	87	69	78
460-253911-5	SB-03_1-3_20220308	82	90	69	78
460-253911-6	SB-03_12-14_20220308	92	94	75	84
460-253911-7	SB-07_1-3_20220308	80	82	68	77
460-253911-8	SB-07_12-14_20220308	93	91	76	83
460-253911-9	SB-08_1-3_20220308	91	92	79	80
460-253911-10	SB-08_12-14_20220308	84	83	68	75
LCS 460-832550/2-A	Lab Control Sample	94	75	74	75
LCS 460-832551/2-A	Lab Control Sample	91	88	76	78
LCSD 460-832550/3-A	Lab Control Sample Dup	101	78	73	75
LCSD 460-832551/3-A	Lab Control Sample Dup	88	87	75	74
MB 460-832550/1-A	Method Blank	92	71	69	72
MB 460-832551/1-A	Method Blank	84	81	69	73

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1 (10-150)	DCBP2 (10-150)	TCX1 (10-150)	TCX2 (10-150)
460-253843-11	TW-05_20220307	92	96	74	85
460-253843-12	TW-06_20220307	92	96	76	84
460-253911-11	TW-01_20220308	49	52	44	47
460-253911-12	TW-02_20220308	42	45	36	38
460-253911-13	TW-03_20220308	47	51	40	43
460-253911-14	TW-04_20220308	52	55	43	51
LCS 460-832367/2-A	Lab Control Sample	93	83	82	77
LCS 460-832650/2-A	Lab Control Sample	80	85	73	77
LCSD 460-832367/3-A	Lab Control Sample Dup	100	93	85	86
LCSD 460-832650/3-A	Lab Control Sample Dup	82	87	74	77
MB 460-832367/1-A	Method Blank	87	84	69	74
MB 460-832650/1-A	Method Blank	57	62	51	55

Eurofins Edison

Surrogate Summary

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
 TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCBP1 (37-150)	DCBP2 (37-150)	TCX1 (54-150)	TCX2 (54-150)
460-253843-1	SB-04_1-3_20220307	106	114	99	101
460-253843-2	SB-04_12-14_20220307	123	124	120	122
460-253843-3	SB-05_1-3_20220307	104	108	102	105
460-253843-4	SB-05_12-14_20220307	114	117	113	116
460-253843-5	SB-06_1-3_20220307	108	112	108	111
460-253843-6	SB-06_12-14_20220307	112	113	110	112
460-253843-7	SB-09_1-3_20220307	117	114	101	106
460-253843-8	SB-09_12-14_20220307	105	110	102	104
460-253843-9	SB-10_1-3_20220307	118	122	115	119
460-253843-10	SB-10_12-14_20220307	115	119	110	113
460-253911-1	SB-01_1-3_20220308	118	105	100	98
460-253911-1 MS	SB-01_1-3_20220308	108	96	96	91
460-253911-1 MSD	SB-01_1-3_20220308	109	96	95	90
460-253911-2	SB-01_12-14_20220308	144	127	119	116
460-253911-3	SB-02_1-3_20220308	126	114	105	102
460-253911-4	SB-02_12-14_20220308	126	112	105	102
460-253911-5	SB-03_1-3_20220308	120	116	100	97
460-253911-6	SB-03_12-14_20220308	128	113	107	104
460-253911-7	SB-07_1-3_20220308	121	110	103	99
460-253911-8	SB-07_12-14_20220308	145	128	121	116
460-253911-9	SB-08_1-3_20220308	139	125	118	112
460-253911-10	SB-08_12-14_20220308	152 *	137	126	121
LCS 460-832547/2-A	Lab Control Sample	93	93	89	91
LCS 460-832548/2-A	Lab Control Sample	98	94	84	83
LCSD 460-832547/3-A	Lab Control Sample Dup	88	89	85	87
LCSD 460-832548/3-A	Lab Control Sample Dup	109	99	64	89
MB 460-832547/1-A	Method Blank	96	97	94	96
MB 460-832548/1-A	Method Blank	123	110	100	101

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
 TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCBP1 (10-138)	DCBP2 (10-138)	TCX1 (10-150)	TCX2 (10-150)
460-253843-11	TW-05_20220307	82	84	70	71
460-253843-12	TW-06_20220307	99	100	84	85
460-253911-11	TW-01_20220308	58	48	50	42
460-253911-12	TW-02_20220308	59	61	51	51
460-253911-13	TW-03_20220308	46	51	42	44
460-253911-14	TW-04_20220308	56	66	50	60
LCS 460-832436/2-A	Lab Control Sample	114	123	102	109
LCS 460-832651/2-A	Lab Control Sample	62	64	57	57

Surrogate Summary

Client: AKRF Inc

Job ID: 460-253843-1

Project/Site: 445 E. 163rd Street, Bronx, NY

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCBP1 (10-138)	DCBP2 (10-138)	TCX1 (10-150)	TCX2 (10-150)
LCSD 460-832436/3-A	Lab Control Sample Dup	113	119	101	106
LCSD 460-832651/3-A	Lab Control Sample Dup	64	65	59	59
MB 460-832436/1-A	Method Blank	111	120	101	109
MB 460-832651/1-A	Method Blank	59	60	55	57

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LB3 460-832359/1-A
Matrix: Solid
Analysis Batch: 832424

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832359

Analyte	LB3		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
o-Xylene	0.0010	U	0.0010	0.00019	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		03/08/22 22:10	03/09/22 15:56	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-832359/1-A
Matrix: Solid
Analysis Batch: 832424

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832359

Analyte	LB3 LB3		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		03/08/22 22:10	03/09/22 15:56	1
Xylenes, Total	0.0020	U	0.0020	0.00064	mg/Kg		03/08/22 22:10	03/09/22 15:56	1

Surrogate	LB3 LB3		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	114		77 - 145	03/08/22 22:10	03/09/22 15:56	1
4-Bromofluorobenzene	97		70 - 139	03/08/22 22:10	03/09/22 15:56	1
Dibromofluoromethane (Surr)	104		48 - 150	03/08/22 22:10	03/09/22 15:56	1
Toluene-d8 (Surr)	99		80 - 120	03/08/22 22:10	03/09/22 15:56	1

Lab Sample ID: MB 460-832417/8
Matrix: Solid
Analysis Batch: 832417

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			03/09/22 10:54	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			03/09/22 10:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			03/09/22 10:54	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			03/09/22 10:54	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			03/09/22 10:54	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			03/09/22 10:54	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			03/09/22 10:54	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			03/09/22 10:54	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			03/09/22 10:54	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			03/09/22 10:54	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			03/09/22 10:54	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			03/09/22 10:54	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			03/09/22 10:54	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg			03/09/22 10:54	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			03/09/22 10:54	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			03/09/22 10:54	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			03/09/22 10:54	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			03/09/22 10:54	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg			03/09/22 10:54	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			03/09/22 10:54	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			03/09/22 10:54	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			03/09/22 10:54	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			03/09/22 10:54	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			03/09/22 10:54	1
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg			03/09/22 10:54	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg			03/09/22 10:54	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			03/09/22 10:54	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			03/09/22 10:54	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			03/09/22 10:54	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			03/09/22 10:54	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			03/09/22 10:54	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			03/09/22 10:54	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-832417/8
Matrix: Solid
Analysis Batch: 832417

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			03/09/22 10:54	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			03/09/22 10:54	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg			03/09/22 10:54	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg			03/09/22 10:54	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			03/09/22 10:54	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			03/09/22 10:54	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			03/09/22 10:54	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			03/09/22 10:54	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			03/09/22 10:54	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017	mg/Kg			03/09/22 10:54	1
o-Xylene	0.0010	U	0.0010	0.00019	mg/Kg			03/09/22 10:54	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			03/09/22 10:54	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			03/09/22 10:54	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			03/09/22 10:54	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			03/09/22 10:54	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			03/09/22 10:54	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			03/09/22 10:54	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			03/09/22 10:54	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			03/09/22 10:54	1
Xylenes, Total	0.0020	U	0.0020	0.00064	mg/Kg			03/09/22 10:54	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	100		77 - 145		03/09/22 10:54	1
4-Bromofluorobenzene	98		70 - 139		03/09/22 10:54	1
Dibromofluoromethane (Surr)	103		48 - 150		03/09/22 10:54	1
Toluene-d8 (Surr)	83		80 - 120		03/09/22 10:54	1

Lab Sample ID: LCS 460-832417/4
Matrix: Solid
Analysis Batch: 832417

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1-Trichloroethane	0.0200	0.0188		mg/Kg		94	78 - 132
1,1,2,2-Tetrachloroethane	0.0200	0.0180		mg/Kg		90	69 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0159		mg/Kg		79	78 - 136
1,1,2-Trichloroethane	0.0200	0.0176		mg/Kg		88	75 - 120
1,1-Dichloroethane	0.0200	0.0183		mg/Kg		91	76 - 129
1,1-Dichloroethene	0.0200	0.0172		mg/Kg		86	77 - 132
1,2,3-Trichlorobenzene	0.0200	0.0212		mg/Kg		106	65 - 144
1,2,4-Trichlorobenzene	0.0200	0.0208		mg/Kg		104	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0200		mg/Kg		100	60 - 126
1,2-Dichlorobenzene	0.0200	0.0202		mg/Kg		101	80 - 120
1,2-Dichloroethane	0.0200	0.0187		mg/Kg		94	70 - 132
1,2-Dichloropropane	0.0200	0.0181		mg/Kg		90	73 - 124
1,3-Dichlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120
1,4-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120
2-Butanone (MEK)	0.100	0.111		mg/Kg		111	75 - 120
2-Hexanone	0.100	0.0949		mg/Kg		95	78 - 120

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-832417/4
Matrix: Solid
Analysis Batch: 832417

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	0.100	0.0933		mg/Kg		93	80 - 122
Acetone	0.100	0.0911		mg/Kg		91	63 - 131
Benzene	0.0200	0.0172		mg/Kg		86	80 - 123
Bromoform	0.0200	0.0215		mg/Kg		107	48 - 142
Bromomethane	0.0200	0.0187		mg/Kg		93	46 - 150
Carbon disulfide	0.0200	0.0182		mg/Kg		91	67 - 136
Carbon tetrachloride	0.0200	0.0192		mg/Kg		96	72 - 136
Chlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120
Chlorobromomethane	0.0200	0.0211		mg/Kg		105	76 - 127
Chlorodibromomethane	0.0200	0.0192		mg/Kg		96	62 - 128
Chloroethane	0.0200	0.0157		mg/Kg		78	49 - 150
Chloroform	0.0200	0.0187		mg/Kg		93	79 - 126
Chloromethane	0.0200	0.0139		mg/Kg		70	48 - 150
cis-1,2-Dichloroethene	0.0200	0.0197		mg/Kg		99	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0179		mg/Kg		90	72 - 120
Cyclohexane	0.0200	0.0164		mg/Kg		82	80 - 132
Dichlorobromomethane	0.0200	0.0195		mg/Kg		97	73 - 124
Dichlorodifluoromethane	0.0200	0.0133		mg/Kg		67	40 - 146
Ethylbenzene	0.0200	0.0193		mg/Kg		97	80 - 120
Ethylene Dibromide	0.0200	0.0200		mg/Kg		100	79 - 120
Isopropylbenzene	0.0200	0.0196		mg/Kg		98	80 - 120
Methyl acetate	0.0400	0.0398		mg/Kg		99	58 - 143
Methyl tert-butyl ether	0.0200	0.0197		mg/Kg		99	80 - 125
Methylcyclohexane	0.0200	0.0160		mg/Kg		80	79 - 133
Methylene Chloride	0.0200	0.0209		mg/Kg		104	76 - 127
m-Xylene & p-Xylene	0.0200	0.0188		mg/Kg		94	80 - 120
o-Xylene	0.0200	0.0184		mg/Kg		92	80 - 120
Styrene	0.0200	0.0196		mg/Kg		98	80 - 120
Tetrachloroethene	0.0200	0.0195		mg/Kg		97	78 - 123
Toluene	0.0200	0.0177		mg/Kg		89	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0202		mg/Kg		101	78 - 128
trans-1,3-Dichloropropene	0.0200	0.0178		mg/Kg		89	68 - 120
Trichloroethene	0.0200	0.0185		mg/Kg		93	79 - 120
Trichlorofluoromethane	0.0200	0.0172		mg/Kg		86	67 - 142
Vinyl chloride	0.0200	0.0151		mg/Kg		76	56 - 147
Xylenes, Total	0.0400	0.0372		mg/Kg		93	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		77 - 145
4-Bromofluorobenzene	98		70 - 139
Dibromofluoromethane (Surr)	98		48 - 150
Toluene-d8 (Surr)	88		80 - 120

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-832417/5

Matrix: Solid

Analysis Batch: 832417

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0212		mg/Kg		106	78 - 132	12	30
1,1,2,2-Tetrachloroethane	0.0200	0.0182		mg/Kg		91	69 - 123	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0202		mg/Kg		101	78 - 136	24	30
1,1,2-Trichloroethane	0.0200	0.0187		mg/Kg		93	75 - 120	6	30
1,1-Dichloroethane	0.0200	0.0191		mg/Kg		95	76 - 129	4	30
1,1-Dichloroethene	0.0200	0.0202		mg/Kg		101	77 - 132	16	30
1,2,3-Trichlorobenzene	0.0200	0.0212		mg/Kg		106	65 - 144	0	30
1,2,4-Trichlorobenzene	0.0200	0.0208		mg/Kg		104	75 - 120	0	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0212		mg/Kg		106	60 - 126	6	30
1,2-Dichlorobenzene	0.0200	0.0209		mg/Kg		104	80 - 120	4	30
1,2-Dichloroethane	0.0200	0.0196		mg/Kg		98	70 - 132	4	30
1,2-Dichloropropane	0.0200	0.0194		mg/Kg		97	73 - 124	7	30
1,3-Dichlorobenzene	0.0200	0.0204		mg/Kg		102	80 - 120	4	30
1,4-Dichlorobenzene	0.0200	0.0201		mg/Kg		101	80 - 120	3	30
2-Butanone (MEK)	0.100	0.104		mg/Kg		104	75 - 120	6	30
2-Hexanone	0.100	0.0996		mg/Kg		100	78 - 120	5	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0962		mg/Kg		96	80 - 122	3	30
Acetone	0.100	0.0859		mg/Kg		86	63 - 131	6	30
Benzene	0.0200	0.0178		mg/Kg		89	80 - 123	3	30
Bromoform	0.0200	0.0228		mg/Kg		114	48 - 142	6	30
Bromomethane	0.0200	0.0203		mg/Kg		102	46 - 150	9	30
Carbon disulfide	0.0200	0.0195		mg/Kg		97	67 - 136	7	30
Carbon tetrachloride	0.0200	0.0219		mg/Kg		109	72 - 136	13	30
Chlorobenzene	0.0200	0.0203		mg/Kg		101	80 - 120	5	30
Chlorobromomethane	0.0200	0.0215		mg/Kg		108	76 - 127	2	30
Chlorodibromomethane	0.0200	0.0206		mg/Kg		103	62 - 128	7	30
Chloroethane	0.0200	0.0179		mg/Kg		89	49 - 150	13	30
Chloroform	0.0200	0.0204		mg/Kg		102	79 - 126	9	30
Chloromethane	0.0200	0.0161		mg/Kg		81	48 - 150	15	30
cis-1,2-Dichloroethene	0.0200	0.0210		mg/Kg		105	80 - 123	6	30
cis-1,3-Dichloropropene	0.0200	0.0190		mg/Kg		95	72 - 120	6	30
Cyclohexane	0.0200	0.0203		mg/Kg		102	80 - 132	22	30
Dichlorobromomethane	0.0200	0.0215		mg/Kg		108	73 - 124	10	30
Dichlorodifluoromethane	0.0200	0.0175		mg/Kg		87	40 - 146	27	30
Ethylbenzene	0.0200	0.0212		mg/Kg		106	80 - 120	9	30
Ethylene Dibromide	0.0200	0.0210		mg/Kg		105	79 - 120	5	30
Isopropylbenzene	0.0200	0.0213		mg/Kg		106	80 - 120	8	30
Methyl acetate	0.0400	0.0415		mg/Kg		104	58 - 143	4	30
Methyl tert-butyl ether	0.0200	0.0212		mg/Kg		106	80 - 125	7	30
Methylcyclohexane	0.0200	0.0195		mg/Kg		97	79 - 133	19	30
Methylene Chloride	0.0200	0.0221		mg/Kg		111	76 - 127	6	30
m-Xylene & p-Xylene	0.0200	0.0201		mg/Kg		101	80 - 120	7	30
o-Xylene	0.0200	0.0201		mg/Kg		100	80 - 120	9	30
Styrene	0.0200	0.0204		mg/Kg		102	80 - 120	4	30
Tetrachloroethene	0.0200	0.0214		mg/Kg		107	78 - 123	9	30
Toluene	0.0200	0.0190		mg/Kg		95	80 - 120	7	30
trans-1,2-Dichloroethene	0.0200	0.0215		mg/Kg		107	78 - 128	6	30
trans-1,3-Dichloropropene	0.0200	0.0198		mg/Kg		99	68 - 120	10	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-832417/5
Matrix: Solid
Analysis Batch: 832417

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene	0.0200	0.0207		mg/Kg		103	79 - 120	11	30
Trichlorofluoromethane	0.0200	0.0207		mg/Kg		103	67 - 142	18	30
Vinyl chloride	0.0200	0.0193		mg/Kg		97	56 - 147	25	30
Xylenes, Total	0.0400	0.0402		mg/Kg		100	80 - 120	8	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	95		77 - 145
4-Bromofluorobenzene	99		70 - 139
Dibromofluoromethane (Surr)	100		48 - 150
Toluene-d8 (Surr)	90		80 - 120

Lab Sample ID: MB 460-832424/8
Matrix: Solid
Analysis Batch: 832424

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			03/09/22 11:02	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			03/09/22 11:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			03/09/22 11:02	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			03/09/22 11:02	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			03/09/22 11:02	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			03/09/22 11:02	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			03/09/22 11:02	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			03/09/22 11:02	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			03/09/22 11:02	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			03/09/22 11:02	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			03/09/22 11:02	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			03/09/22 11:02	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			03/09/22 11:02	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg			03/09/22 11:02	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			03/09/22 11:02	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			03/09/22 11:02	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			03/09/22 11:02	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			03/09/22 11:02	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg			03/09/22 11:02	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			03/09/22 11:02	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			03/09/22 11:02	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			03/09/22 11:02	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			03/09/22 11:02	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			03/09/22 11:02	1
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg			03/09/22 11:02	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg			03/09/22 11:02	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			03/09/22 11:02	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			03/09/22 11:02	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			03/09/22 11:02	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			03/09/22 11:02	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			03/09/22 11:02	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			03/09/22 11:02	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-832424/8
Matrix: Solid
Analysis Batch: 832424

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			03/09/22 11:02	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			03/09/22 11:02	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg			03/09/22 11:02	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg			03/09/22 11:02	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			03/09/22 11:02	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			03/09/22 11:02	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			03/09/22 11:02	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			03/09/22 11:02	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			03/09/22 11:02	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017	mg/Kg			03/09/22 11:02	1
o-Xylene	0.0010	U	0.0010	0.00019	mg/Kg			03/09/22 11:02	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			03/09/22 11:02	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			03/09/22 11:02	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			03/09/22 11:02	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			03/09/22 11:02	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			03/09/22 11:02	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			03/09/22 11:02	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			03/09/22 11:02	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			03/09/22 11:02	1
Xylenes, Total	0.0020	U	0.0020	0.00064	mg/Kg			03/09/22 11:02	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	122		77 - 145		03/09/22 11:02	1
4-Bromofluorobenzene	106		70 - 139		03/09/22 11:02	1
Dibromofluoromethane (Surr)	114		48 - 150		03/09/22 11:02	1
Toluene-d8 (Surr)	107		80 - 120		03/09/22 11:02	1

Lab Sample ID: LCS 460-832424/4
Matrix: Solid
Analysis Batch: 832424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1-Trichloroethane	0.0200	0.0191		mg/Kg		96	78 - 132
1,1,1,2-Tetrachloroethane	0.0200	0.0194		mg/Kg		97	69 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0178		mg/Kg		89	78 - 136
1,1,2-Trichloroethane	0.0200	0.0202		mg/Kg		101	75 - 120
1,1-Dichloroethane	0.0200	0.0205		mg/Kg		103	76 - 129
1,1-Dichloroethene	0.0200	0.0183		mg/Kg		91	77 - 132
1,2,3-Trichlorobenzene	0.0200	0.0200		mg/Kg		100	65 - 144
1,2,4-Trichlorobenzene	0.0200	0.0205		mg/Kg		102	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0190		mg/Kg		95	60 - 126
1,2-Dichlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120
1,2-Dichloroethane	0.0200	0.0214		mg/Kg		107	70 - 132
1,2-Dichloropropane	0.0200	0.0202		mg/Kg		101	73 - 124
1,3-Dichlorobenzene	0.0200	0.0197		mg/Kg		98	80 - 120
1,4-Dichlorobenzene	0.0200	0.0195		mg/Kg		98	80 - 120
2-Butanone (MEK)	0.100	0.0910		mg/Kg		91	75 - 120
2-Hexanone	0.100	0.0984		mg/Kg		98	78 - 120

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-832424/4
Matrix: Solid
Analysis Batch: 832424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	0.100	0.0992		mg/Kg		99	80 - 122
Acetone	0.100	0.0877		mg/Kg		88	63 - 131
Benzene	0.0200	0.0189		mg/Kg		95	80 - 123
Bromoform	0.0200	0.0209		mg/Kg		105	48 - 142
Bromomethane	0.0200	0.0184		mg/Kg		92	46 - 150
Carbon disulfide	0.0200	0.0188		mg/Kg		94	67 - 136
Carbon tetrachloride	0.0200	0.0185		mg/Kg		93	72 - 136
Chlorobenzene	0.0200	0.0187		mg/Kg		94	80 - 120
Chlorobromomethane	0.0200	0.0205		mg/Kg		102	76 - 127
Chlorodibromomethane	0.0200	0.0201		mg/Kg		101	62 - 128
Chloroethane	0.0200	0.0189		mg/Kg		95	49 - 150
Chloroform	0.0200	0.0199		mg/Kg		99	79 - 126
Chloromethane	0.0200	0.0160		mg/Kg		80	48 - 150
cis-1,2-Dichloroethene	0.0200	0.0188		mg/Kg		94	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0200		mg/Kg		100	72 - 120
Cyclohexane	0.0200	0.0176		mg/Kg		88	80 - 132
Dichlorobromomethane	0.0200	0.0197		mg/Kg		98	73 - 124
Dichlorodifluoromethane	0.0200	0.0131		mg/Kg		66	40 - 146
Ethylbenzene	0.0200	0.0190		mg/Kg		95	80 - 120
Ethylene Dibromide	0.0200	0.0197		mg/Kg		99	79 - 120
Isopropylbenzene	0.0200	0.0194		mg/Kg		97	80 - 120
Methyl acetate	0.0400	0.0417		mg/Kg		104	58 - 143
Methyl tert-butyl ether	0.0200	0.0202		mg/Kg		101	80 - 125
Methylcyclohexane	0.0200	0.0176		mg/Kg		88	79 - 133
Methylene Chloride	0.0200	0.0213		mg/Kg		106	76 - 127
m-Xylene & p-Xylene	0.0200	0.0189		mg/Kg		95	80 - 120
o-Xylene	0.0200	0.0187		mg/Kg		94	80 - 120
Styrene	0.0200	0.0198		mg/Kg		99	80 - 120
Tetrachloroethene	0.0200	0.0189		mg/Kg		95	78 - 123
Toluene	0.0200	0.0190		mg/Kg		95	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0197		mg/Kg		99	78 - 128
trans-1,3-Dichloropropene	0.0200	0.0204		mg/Kg		102	68 - 120
Trichloroethene	0.0200	0.0195		mg/Kg		98	79 - 120
Trichlorofluoromethane	0.0200	0.0169		mg/Kg		85	67 - 142
Vinyl chloride	0.0200	0.0158		mg/Kg		79	56 - 147
Xylenes, Total	0.0400	0.0377		mg/Kg		94	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	110		77 - 145
4-Bromofluorobenzene	97		70 - 139
Dibromofluoromethane (Surr)	101		48 - 150
Toluene-d8 (Surr)	97		80 - 120

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-832424/5

Matrix: Solid

Analysis Batch: 832424

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0213		mg/Kg		107	78 - 132	11	30
1,1,2,2-Tetrachloroethane	0.0200	0.0197		mg/Kg		99	69 - 123	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0212		mg/Kg		106	78 - 136	17	30
1,1,2-Trichloroethane	0.0200	0.0209		mg/Kg		105	75 - 120	3	30
1,1-Dichloroethane	0.0200	0.0213		mg/Kg		107	76 - 129	4	30
1,1-Dichloroethene	0.0200	0.0212		mg/Kg		106	77 - 132	15	30
1,2,3-Trichlorobenzene	0.0200	0.0186		mg/Kg		93	65 - 144	8	30
1,2,4-Trichlorobenzene	0.0200	0.0184		mg/Kg		92	75 - 120	10	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0197		mg/Kg		98	60 - 126	4	30
1,2-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0221		mg/Kg		111	70 - 132	3	30
1,2-Dichloropropane	0.0200	0.0207		mg/Kg		104	73 - 124	2	30
1,3-Dichlorobenzene	0.0200	0.0198		mg/Kg		99	80 - 120	1	30
1,4-Dichlorobenzene	0.0200	0.0193		mg/Kg		97	80 - 120	1	30
2-Butanone (MEK)	0.100	0.0953		mg/Kg		95	75 - 120	5	30
2-Hexanone	0.100	0.101		mg/Kg		101	78 - 120	2	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0999		mg/Kg		100	80 - 122	1	30
Acetone	0.100	0.0928		mg/Kg		93	63 - 131	6	30
Benzene	0.0200	0.0200		mg/Kg		100	80 - 123	5	30
Bromoform	0.0200	0.0211		mg/Kg		105	48 - 142	1	30
Bromomethane	0.0200	0.0195		mg/Kg		97	46 - 150	6	30
Carbon disulfide	0.0200	0.0206		mg/Kg		103	67 - 136	9	30
Carbon tetrachloride	0.0200	0.0210		mg/Kg		105	72 - 136	13	30
Chlorobenzene	0.0200	0.0197		mg/Kg		98	80 - 120	5	30
Chlorobromomethane	0.0200	0.0215		mg/Kg		107	76 - 127	5	30
Chlorodibromomethane	0.0200	0.0207		mg/Kg		104	62 - 128	3	30
Chloroethane	0.0200	0.0204		mg/Kg		102	49 - 150	8	30
Chloroform	0.0200	0.0207		mg/Kg		104	79 - 126	4	30
Chloromethane	0.0200	0.0174		mg/Kg		87	48 - 150	8	30
cis-1,2-Dichloroethene	0.0200	0.0196		mg/Kg		98	80 - 123	4	30
cis-1,3-Dichloropropene	0.0200	0.0206		mg/Kg		103	72 - 120	3	30
Cyclohexane	0.0200	0.0200		mg/Kg		100	80 - 132	13	30
Dichlorobromomethane	0.0200	0.0207		mg/Kg		104	73 - 124	5	30
Dichlorodifluoromethane	0.0200	0.0164		mg/Kg		82	40 - 146	22	30
Ethylbenzene	0.0200	0.0198		mg/Kg		99	80 - 120	4	30
Ethylene Dibromide	0.0200	0.0204		mg/Kg		102	79 - 120	3	30
Isopropylbenzene	0.0200	0.0196		mg/Kg		98	80 - 120	1	30
Methyl acetate	0.0400	0.0429		mg/Kg		107	58 - 143	3	30
Methyl tert-butyl ether	0.0200	0.0204		mg/Kg		102	80 - 125	1	30
Methylcyclohexane	0.0200	0.0185		mg/Kg		92	79 - 133	5	30
Methylene Chloride	0.0200	0.0216		mg/Kg		108	76 - 127	1	30
m-Xylene & p-Xylene	0.0200	0.0196		mg/Kg		98	80 - 120	4	30
o-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120	2	30
Styrene	0.0200	0.0204		mg/Kg		102	80 - 120	3	30
Tetrachloroethene	0.0200	0.0210		mg/Kg		105	78 - 123	10	30
Toluene	0.0200	0.0201		mg/Kg		100	80 - 120	5	30
trans-1,2-Dichloroethene	0.0200	0.0205		mg/Kg		103	78 - 128	4	30
trans-1,3-Dichloropropene	0.0200	0.0206		mg/Kg		103	68 - 120	1	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-832424/5
Matrix: Solid
Analysis Batch: 832424

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene	0.0200	0.0212		mg/Kg		106	79 - 120	8	30
Trichlorofluoromethane	0.0200	0.0211		mg/Kg		105	67 - 142	22	30
Vinyl chloride	0.0200	0.0186		mg/Kg		93	56 - 147	16	30
Xylenes, Total	0.0400	0.0388		mg/Kg		97	80 - 120	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	111		77 - 145
4-Bromofluorobenzene	103		70 - 139
Dibromofluoromethane (Surr)	103		48 - 150
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: LB3 460-832582/1-A
Matrix: Solid
Analysis Batch: 832755

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832582

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		03/09/22 21:02	03/11/22 01:32	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-832582/1-A
Matrix: Solid
Analysis Batch: 832755

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832582

Analyte	LB3		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
o-Xylene	0.0010	U	0.0010	0.00019	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		03/09/22 21:02	03/11/22 01:32	1
Xylenes, Total	0.0020	U	0.0020	0.00064	mg/Kg		03/09/22 21:02	03/11/22 01:32	1

Surrogate	LB3		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	93		77 - 145	03/09/22 21:02	03/11/22 01:32	1
4-Bromofluorobenzene	97		70 - 139	03/09/22 21:02	03/11/22 01:32	1
Dibromofluoromethane (Surr)	104		48 - 150	03/09/22 21:02	03/11/22 01:32	1
Toluene-d8 (Surr)	88		80 - 120	03/09/22 21:02	03/11/22 01:32	1

Lab Sample ID: MB 460-832755/9
Matrix: Solid
Analysis Batch: 832755

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			03/10/22 19:15	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			03/10/22 19:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			03/10/22 19:15	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			03/10/22 19:15	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			03/10/22 19:15	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			03/10/22 19:15	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			03/10/22 19:15	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			03/10/22 19:15	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			03/10/22 19:15	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			03/10/22 19:15	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			03/10/22 19:15	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			03/10/22 19:15	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			03/10/22 19:15	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg			03/10/22 19:15	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			03/10/22 19:15	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			03/10/22 19:15	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-832755/9
Matrix: Solid
Analysis Batch: 832755

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			03/10/22 19:15	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			03/10/22 19:15	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg			03/10/22 19:15	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			03/10/22 19:15	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			03/10/22 19:15	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			03/10/22 19:15	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			03/10/22 19:15	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			03/10/22 19:15	1
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg			03/10/22 19:15	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg			03/10/22 19:15	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			03/10/22 19:15	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			03/10/22 19:15	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			03/10/22 19:15	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			03/10/22 19:15	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			03/10/22 19:15	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			03/10/22 19:15	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			03/10/22 19:15	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			03/10/22 19:15	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg			03/10/22 19:15	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg			03/10/22 19:15	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			03/10/22 19:15	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			03/10/22 19:15	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			03/10/22 19:15	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			03/10/22 19:15	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			03/10/22 19:15	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017	mg/Kg			03/10/22 19:15	1
o-Xylene	0.0010	U	0.0010	0.00019	mg/Kg			03/10/22 19:15	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			03/10/22 19:15	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			03/10/22 19:15	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			03/10/22 19:15	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			03/10/22 19:15	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			03/10/22 19:15	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			03/10/22 19:15	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			03/10/22 19:15	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			03/10/22 19:15	1
Xylenes, Total	0.0020	U	0.0020	0.00064	mg/Kg			03/10/22 19:15	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	97		77 - 145		03/10/22 19:15	1
4-Bromofluorobenzene	98		70 - 139		03/10/22 19:15	1
Dibromofluoromethane (Surr)	98		48 - 150		03/10/22 19:15	1
Toluene-d8 (Surr)	86		80 - 120		03/10/22 19:15	1

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-832755/3

Matrix: Solid

Analysis Batch: 832755

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0200	0.0201		mg/Kg		101	78 - 132
1,1,2,2-Tetrachloroethane	0.0200	0.0175		mg/Kg		87	69 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0209		mg/Kg		104	78 - 136
1,1,2-Trichloroethane	0.0200	0.0174		mg/Kg		87	75 - 120
1,1-Dichloroethane	0.0200	0.0188		mg/Kg		94	76 - 129
1,1-Dichloroethene	0.0200	0.0196		mg/Kg		98	77 - 132
1,2,3-Trichlorobenzene	0.0200	0.0207		mg/Kg		104	65 - 144
1,2,4-Trichlorobenzene	0.0200	0.0203		mg/Kg		102	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0205		mg/Kg		102	60 - 126
1,2-Dichlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120
1,2-Dichloroethane	0.0200	0.0184		mg/Kg		92	70 - 132
1,2-Dichloropropane	0.0200	0.0181		mg/Kg		90	73 - 124
1,3-Dichlorobenzene	0.0200	0.0189		mg/Kg		95	80 - 120
1,4-Dichlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120
2-Butanone (MEK)	0.100	0.0983		mg/Kg		98	75 - 120
2-Hexanone	0.100	0.0935		mg/Kg		93	78 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0862		mg/Kg		86	80 - 122
Acetone	0.100	0.0856		mg/Kg		86	63 - 131
Benzene	0.0200	0.0173		mg/Kg		87	80 - 123
Bromoform	0.0200	0.0209		mg/Kg		105	48 - 142
Bromomethane	0.0200	0.0178		mg/Kg		89	46 - 150
Carbon disulfide	0.0200	0.0199		mg/Kg		99	67 - 136
Carbon tetrachloride	0.0200	0.0216		mg/Kg		108	72 - 136
Chlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120
Chlorobromomethane	0.0200	0.0206		mg/Kg		103	76 - 127
Chlorodibromomethane	0.0200	0.0187		mg/Kg		94	62 - 128
Chloroethane	0.0200	0.0154		mg/Kg		77	49 - 150
Chloroform	0.0200	0.0187		mg/Kg		93	79 - 126
Chloromethane	0.0200	0.0134		mg/Kg		67	48 - 150
cis-1,2-Dichloroethene	0.0200	0.0205		mg/Kg		103	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0172		mg/Kg		86	72 - 120
Cyclohexane	0.0200	0.0189		mg/Kg		94	80 - 132
Dichlorobromomethane	0.0200	0.0197		mg/Kg		99	73 - 124
Dichlorodifluoromethane	0.0200	0.0134		mg/Kg		67	40 - 146
Ethylbenzene	0.0200	0.0193		mg/Kg		97	80 - 120
Ethylene Dibromide	0.0200	0.0187		mg/Kg		94	79 - 120
Isopropylbenzene	0.0200	0.0207		mg/Kg		103	80 - 120
Methyl acetate	0.0400	0.0413		mg/Kg		103	58 - 143
Methyl tert-butyl ether	0.0200	0.0207		mg/Kg		103	80 - 125
Methylcyclohexane	0.0200	0.0184		mg/Kg		92	79 - 133
Methylene Chloride	0.0200	0.0224		mg/Kg		112	76 - 127
m-Xylene & p-Xylene	0.0200	0.0186		mg/Kg		93	80 - 120
o-Xylene	0.0200	0.0190		mg/Kg		95	80 - 120
Styrene	0.0200	0.0190		mg/Kg		95	80 - 120
Tetrachloroethene	0.0200	0.0209		mg/Kg		105	78 - 123
Toluene	0.0200	0.0181		mg/Kg		91	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0225		mg/Kg		113	78 - 128
trans-1,3-Dichloropropene	0.0200	0.0173		mg/Kg		87	68 - 120

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-832755/3
Matrix: Solid
Analysis Batch: 832755

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	0.0200	0.0202		mg/Kg		101	79 - 120
Trichlorofluoromethane	0.0200	0.0189		mg/Kg		94	67 - 142
Vinyl chloride	0.0200	0.0157		mg/Kg		79	56 - 147
Xylenes, Total	0.0400	0.0376		mg/Kg		94	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		77 - 145
4-Bromofluorobenzene	96		70 - 139
Dibromofluoromethane (Surr)	97		48 - 150
Toluene-d8 (Surr)	89		80 - 120

Lab Sample ID: LCSD 460-832755/4
Matrix: Solid
Analysis Batch: 832755

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0212		mg/Kg		106	78 - 132	5	30
1,1,1,2-Tetrachloroethane	0.0200	0.0173		mg/Kg		87	69 - 123	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0217		mg/Kg		108	78 - 136	4	30
1,1,2-Trichloroethane	0.0200	0.0174		mg/Kg		87	75 - 120	0	30
1,1-Dichloroethane	0.0200	0.0196		mg/Kg		98	76 - 129	4	30
1,1-Dichloroethene	0.0200	0.0201		mg/Kg		101	77 - 132	3	30
1,2,3-Trichlorobenzene	0.0200	0.0198		mg/Kg		99	65 - 144	5	30
1,2,4-Trichlorobenzene	0.0200	0.0203		mg/Kg		102	75 - 120	0	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0195		mg/Kg		97	60 - 126	5	30
1,2-Dichlorobenzene	0.0200	0.0191		mg/Kg		95	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0188		mg/Kg		94	70 - 132	2	30
1,2-Dichloropropane	0.0200	0.0180		mg/Kg		90	73 - 124	0	30
1,3-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	2	30
1,4-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120	1	30
2-Butanone (MEK)	0.100	0.101		mg/Kg		101	75 - 120	3	30
2-Hexanone	0.100	0.0976		mg/Kg		98	78 - 120	4	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0851		mg/Kg		85	80 - 122	1	30
Acetone	0.100	0.0848		mg/Kg		85	63 - 131	1	30
Benzene	0.0200	0.0161		mg/Kg		81	80 - 123	7	30
Bromoform	0.0200	0.0208		mg/Kg		104	48 - 142	1	30
Bromomethane	0.0200	0.0186		mg/Kg		93	46 - 150	5	30
Carbon disulfide	0.0200	0.0203		mg/Kg		101	67 - 136	2	30
Carbon tetrachloride	0.0200	0.0223		mg/Kg		111	72 - 136	3	30
Chlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120	1	30
Chlorobromomethane	0.0200	0.0215		mg/Kg		108	76 - 127	4	30
Chlorodibromomethane	0.0200	0.0186		mg/Kg		93	62 - 128	1	30
Chloroethane	0.0200	0.0170		mg/Kg		85	49 - 150	10	30
Chloroform	0.0200	0.0194		mg/Kg		97	79 - 126	4	30
Chloromethane	0.0200	0.0156		mg/Kg		78	48 - 150	16	30
cis-1,2-Dichloroethene	0.0200	0.0210		mg/Kg		105	80 - 123	2	30
cis-1,3-Dichloropropene	0.0200	0.0156		mg/Kg		78	72 - 120	10	30
Cyclohexane	0.0200	0.0207		mg/Kg		103	80 - 132	9	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-832755/4
Matrix: Solid
Analysis Batch: 832755

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane	0.0200	0.0195		mg/Kg		98	73 - 124	1	30
Dichlorodifluoromethane	0.0200	0.0159		mg/Kg		80	40 - 146	17	30
Ethylbenzene	0.0200	0.0194		mg/Kg		97	80 - 120	0	30
Ethylene Dibromide	0.0200	0.0197		mg/Kg		98	79 - 120	5	30
Isopropylbenzene	0.0200	0.0197		mg/Kg		98	80 - 120	5	30
Methyl acetate	0.0400	0.0423		mg/Kg		106	58 - 143	2	30
Methyl tert-butyl ether	0.0200	0.0198		mg/Kg		99	80 - 125	5	30
Methylcyclohexane	0.0200	0.0208		mg/Kg		104	79 - 133	12	30
Methylene Chloride	0.0200	0.0209		mg/Kg		105	76 - 127	7	30
m-Xylene & p-Xylene	0.0200	0.0188		mg/Kg		94	80 - 120	1	30
o-Xylene	0.0200	0.0182		mg/Kg		91	80 - 120	5	30
Styrene	0.0200	0.0190		mg/Kg		95	80 - 120	0	30
Tetrachloroethene	0.0200	0.0203		mg/Kg		101	78 - 123	3	30
Toluene	0.0200	0.0174		mg/Kg		87	80 - 120	4	30
trans-1,2-Dichloroethene	0.0200	0.0218		mg/Kg		109	78 - 128	3	30
trans-1,3-Dichloropropene	0.0200	0.0170		mg/Kg		85	68 - 120	2	30
Trichloroethene	0.0200	0.0206		mg/Kg		103	79 - 120	2	30
Trichlorofluoromethane	0.0200	0.0208		mg/Kg		104	67 - 142	10	30
Vinyl chloride	0.0200	0.0171		mg/Kg		86	56 - 147	8	30
Xylenes, Total	0.0400	0.0369		mg/Kg		92	80 - 120	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	94		77 - 145
4-Bromofluorobenzene	100		70 - 139
Dibromofluoromethane (Surr)	98		48 - 150
Toluene-d8 (Surr)	84		80 - 120

Lab Sample ID: MB 460-832767/8
Matrix: Water
Analysis Batch: 832767

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/10/22 19:31	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			03/10/22 19:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/10/22 19:31	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			03/10/22 19:31	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/10/22 19:31	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/10/22 19:31	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/10/22 19:31	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/10/22 19:31	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/10/22 19:31	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/10/22 19:31	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			03/10/22 19:31	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			03/10/22 19:31	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/10/22 19:31	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/10/22 19:31	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			03/10/22 19:31	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/10/22 19:31	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-832767/8
Matrix: Water
Analysis Batch: 832767

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/10/22 19:31	1
Acetone	5.0	U	5.0	4.4	ug/L			03/10/22 19:31	1
Benzene	1.0	U	1.0	0.20	ug/L			03/10/22 19:31	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/10/22 19:31	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/10/22 19:31	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/10/22 19:31	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/10/22 19:31	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/10/22 19:31	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/10/22 19:31	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			03/10/22 19:31	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/10/22 19:31	1
Chloroform	1.0	U	1.0	0.33	ug/L			03/10/22 19:31	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/10/22 19:31	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			03/10/22 19:31	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/10/22 19:31	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/10/22 19:31	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			03/10/22 19:31	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/10/22 19:31	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/10/22 19:31	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/10/22 19:31	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/10/22 19:31	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/10/22 19:31	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/10/22 19:31	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/10/22 19:31	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			03/10/22 19:31	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/10/22 19:31	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/10/22 19:31	1
Styrene	1.0	U	1.0	0.42	ug/L			03/10/22 19:31	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			03/10/22 19:31	1
Toluene	1.0	U	1.0	0.38	ug/L			03/10/22 19:31	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/10/22 19:31	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/10/22 19:31	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			03/10/22 19:31	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/10/22 19:31	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/10/22 19:31	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/10/22 19:31	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	103		75 - 123		03/10/22 19:31	1
4-Bromofluorobenzene	110		76 - 120		03/10/22 19:31	1
Dibromofluoromethane (Surr)	125	*	77 - 124		03/10/22 19:31	1
Toluene-d8 (Surr)	112		80 - 120		03/10/22 19:31	1

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-832767/4

Matrix: Water

Analysis Batch: 832767

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	18.9		ug/L		95	68 - 128
1,1,2,2-Tetrachloroethane	20.0	21.7		ug/L		108	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.0		ug/L		100	59 - 142
1,1,2-Trichloroethane	20.0	20.2		ug/L		101	74 - 125
1,1-Dichloroethane	20.0	18.1		ug/L		90	73 - 130
1,1-Dichloroethene	20.0	19.5		ug/L		98	68 - 133
1,2,3-Trichlorobenzene	20.0	17.9		ug/L		90	53 - 144
1,2,4-Trichlorobenzene	20.0	17.5		ug/L		87	64 - 132
1,2-Dibromo-3-Chloropropane	20.0	22.4		ug/L		112	41 - 143
1,2-Dichlorobenzene	20.0	18.9		ug/L		94	79 - 122
1,2-Dichloroethane	20.0	17.4		ug/L		87	75 - 121
1,2-Dichloropropane	20.0	18.3		ug/L		91	76 - 126
1,3-Dichlorobenzene	20.0	18.3		ug/L		92	80 - 121
1,4-Dichlorobenzene	20.0	17.7		ug/L		88	80 - 118
2-Butanone (MEK)	100	123		ug/L		123	69 - 128
2-Hexanone	100	98.6		ug/L		99	74 - 127
4-Methyl-2-pentanone (MIBK)	100	128		ug/L		128	69 - 128
Acetone	100	93.1		ug/L		93	61 - 134
Benzene	20.0	18.5		ug/L		92	78 - 126
Bromoform	20.0	20.7		ug/L		103	38 - 144
Bromomethane	20.0	16.7		ug/L		83	43 - 150
Carbon disulfide	20.0	18.8		ug/L		94	64 - 138
Carbon tetrachloride	20.0	18.5		ug/L		93	56 - 131
Chlorobenzene	20.0	18.8		ug/L		94	80 - 119
Chlorobromomethane	20.0	21.9		ug/L		110	73 - 126
Chlorodibromomethane	20.0	20.5		ug/L		102	58 - 130
Chloroethane	20.0	13.0		ug/L		65	50 - 150
Chloroform	20.0	19.9		ug/L		100	78 - 125
Chloromethane	20.0	10.4		ug/L		52	38 - 150
cis-1,2-Dichloroethene	20.0	20.8		ug/L		104	78 - 121
cis-1,3-Dichloropropene	20.0	18.0		ug/L		90	74 - 125
Cyclohexane	20.0	20.2		ug/L		101	67 - 133
Dichlorobromomethane	20.0	18.8		ug/L		94	72 - 121
Dichlorodifluoromethane	20.0	16.8		ug/L		84	31 - 150
Ethylbenzene	20.0	19.3		ug/L		97	78 - 120
Ethylene Dibromide	20.0	20.5		ug/L		103	69 - 126
Isopropylbenzene	20.0	19.8		ug/L		99	79 - 125
Methyl acetate	40.0	33.7		ug/L		84	70 - 127
Methyl tert-butyl ether	20.0	20.0		ug/L		100	65 - 131
Methylcyclohexane	20.0	20.0		ug/L		100	60 - 139
Methylene Chloride	20.0	20.5		ug/L		103	74 - 127
m-Xylene & p-Xylene	20.0	19.0		ug/L		95	78 - 123
o-Xylene	20.0	19.6		ug/L		98	78 - 122
Styrene	20.0	20.1		ug/L		101	75 - 127
Tetrachloroethene	20.0	19.2		ug/L		96	70 - 127
Toluene	20.0	18.5		ug/L		93	78 - 119
trans-1,2-Dichloroethene	20.0	20.1		ug/L		101	74 - 126
trans-1,3-Dichloropropene	20.0	17.3		ug/L		87	66 - 127

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-832767/4
Matrix: Water
Analysis Batch: 832767

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	20.0	19.4		ug/L		97	71 - 121
Trichlorofluoromethane	20.0	17.5		ug/L		88	61 - 140
Vinyl chloride	20.0	10.4	*	ug/L		52	61 - 144
Xylenes, Total	40.0	38.6		ug/L		96	78 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		75 - 123
4-Bromofluorobenzene	110		76 - 120
Dibromofluoromethane (Surr)	120		77 - 124
Toluene-d8 (Surr)	115		80 - 120

Lab Sample ID: LCSD 460-832767/5
Matrix: Water
Analysis Batch: 832767

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	21.0		ug/L		105	68 - 128	11	30
1,1,1,2-Tetrachloroethane	20.0	20.6		ug/L		103	63 - 139	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.7		ug/L		113	59 - 142	12	30
1,1,2-Trichloroethane	20.0	21.0		ug/L		105	74 - 125	4	30
1,1-Dichloroethane	20.0	20.4		ug/L		102	73 - 130	12	30
1,1-Dichloroethene	20.0	22.6		ug/L		113	68 - 133	14	30
1,2,3-Trichlorobenzene	20.0	18.8		ug/L		94	53 - 144	5	30
1,2,4-Trichlorobenzene	20.0	18.0		ug/L		90	64 - 132	3	30
1,2-Dibromo-3-Chloropropane	20.0	22.2		ug/L		111	41 - 143	1	30
1,2-Dichlorobenzene	20.0	19.9		ug/L		100	79 - 122	5	30
1,2-Dichloroethane	20.0	19.2		ug/L		96	75 - 121	10	30
1,2-Dichloropropane	20.0	21.1		ug/L		105	76 - 126	14	30
1,3-Dichlorobenzene	20.0	19.5		ug/L		97	80 - 121	6	30
1,4-Dichlorobenzene	20.0	19.5		ug/L		98	80 - 118	10	30
2-Butanone (MEK)	100	129	*	ug/L		129	69 - 128	5	30
2-Hexanone	100	106		ug/L		106	74 - 127	7	30
4-Methyl-2-pentanone (MIBK)	100	133	*	ug/L		133	69 - 128	4	30
Acetone	100	84.1		ug/L		84	61 - 134	10	30
Benzene	20.0	20.2		ug/L		101	78 - 126	9	30
Bromoform	20.0	22.8		ug/L		114	38 - 144	10	30
Bromomethane	20.0	16.2		ug/L		81	43 - 150	3	30
Carbon disulfide	20.0	21.8		ug/L		109	64 - 138	14	30
Carbon tetrachloride	20.0	20.9		ug/L		105	56 - 131	12	30
Chlorobenzene	20.0	20.2		ug/L		101	80 - 119	8	30
Chlorobromomethane	20.0	23.8		ug/L		119	73 - 126	8	30
Chlorodibromomethane	20.0	21.5		ug/L		107	58 - 130	5	30
Chloroethane	20.0	12.5		ug/L		62	50 - 150	4	30
Chloroform	20.0	22.4		ug/L		112	78 - 125	12	30
Chloromethane	20.0	11.8		ug/L		59	38 - 150	13	30
cis-1,2-Dichloroethene	20.0	23.4		ug/L		117	78 - 121	12	30
cis-1,3-Dichloropropene	20.0	19.3		ug/L		97	74 - 125	7	30
Cyclohexane	20.0	23.0		ug/L		115	67 - 133	13	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-832767/5
Matrix: Water
Analysis Batch: 832767

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane	20.0	21.0		ug/L		105	72 - 121	11	30
Dichlorodifluoromethane	20.0	19.9		ug/L		100	31 - 150	17	30
Ethylbenzene	20.0	21.6		ug/L		108	78 - 120	11	30
Ethylene Dibromide	20.0	22.0		ug/L		110	69 - 126	7	30
Isopropylbenzene	20.0	21.1		ug/L		105	79 - 125	6	30
Methyl acetate	40.0	35.3		ug/L		88	70 - 127	5	30
Methyl tert-butyl ether	20.0	22.1		ug/L		111	65 - 131	10	30
Methylcyclohexane	20.0	22.7		ug/L		113	60 - 139	13	30
Methylene Chloride	20.0	23.0		ug/L		115	74 - 127	11	30
m-Xylene & p-Xylene	20.0	20.6		ug/L		103	78 - 123	8	30
o-Xylene	20.0	21.5		ug/L		108	78 - 122	9	30
Styrene	20.0	22.3		ug/L		112	75 - 127	10	30
Tetrachloroethene	20.0	22.2		ug/L		111	70 - 127	14	30
Toluene	20.0	20.0		ug/L		100	78 - 119	7	30
trans-1,2-Dichloroethene	20.0	23.0		ug/L		115	74 - 126	13	30
trans-1,3-Dichloropropene	20.0	18.6		ug/L		93	66 - 127	7	30
Trichloroethene	20.0	21.7		ug/L		109	71 - 121	12	30
Trichlorofluoromethane	20.0	20.1		ug/L		100	61 - 140	14	30
Vinyl chloride	20.0	12.1 *		ug/L		60	61 - 144	15	30
Xylenes, Total	40.0	42.1		ug/L		105	78 - 122	9	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	101		75 - 123
4-Bromofluorobenzene	115		76 - 120
Dibromofluoromethane (Surr)	122		77 - 124
Toluene-d8 (Surr)	112		80 - 120

Lab Sample ID: MB 460-832843/7
Matrix: Solid
Analysis Batch: 832843

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			03/11/22 06:59	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			03/11/22 06:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			03/11/22 06:59	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			03/11/22 06:59	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			03/11/22 06:59	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			03/11/22 06:59	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			03/11/22 06:59	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			03/11/22 06:59	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			03/11/22 06:59	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			03/11/22 06:59	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			03/11/22 06:59	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			03/11/22 06:59	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			03/11/22 06:59	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg			03/11/22 06:59	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			03/11/22 06:59	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			03/11/22 06:59	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-832843/7
Matrix: Solid
Analysis Batch: 832843

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			03/11/22 06:59	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			03/11/22 06:59	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg			03/11/22 06:59	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			03/11/22 06:59	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			03/11/22 06:59	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			03/11/22 06:59	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			03/11/22 06:59	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			03/11/22 06:59	1
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg			03/11/22 06:59	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg			03/11/22 06:59	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			03/11/22 06:59	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			03/11/22 06:59	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			03/11/22 06:59	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			03/11/22 06:59	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			03/11/22 06:59	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			03/11/22 06:59	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			03/11/22 06:59	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			03/11/22 06:59	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg			03/11/22 06:59	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg			03/11/22 06:59	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			03/11/22 06:59	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			03/11/22 06:59	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			03/11/22 06:59	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			03/11/22 06:59	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			03/11/22 06:59	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017	mg/Kg			03/11/22 06:59	1
o-Xylene	0.0010	U	0.0010	0.00019	mg/Kg			03/11/22 06:59	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			03/11/22 06:59	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			03/11/22 06:59	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			03/11/22 06:59	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			03/11/22 06:59	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			03/11/22 06:59	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			03/11/22 06:59	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			03/11/22 06:59	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			03/11/22 06:59	1
Xylenes, Total	0.0020	U	0.0020	0.00064	mg/Kg			03/11/22 06:59	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	92		77 - 145		03/11/22 06:59	1
4-Bromofluorobenzene	97		70 - 139		03/11/22 06:59	1
Dibromofluoromethane (Surr)	100		48 - 150		03/11/22 06:59	1
Toluene-d8 (Surr)	85		80 - 120		03/11/22 06:59	1

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-832843/3

Matrix: Solid

Analysis Batch: 832843

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0200	0.0198		mg/Kg		99	78 - 132
1,1,2,2-Tetrachloroethane	0.0200	0.0154		mg/Kg		77	69 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0192		mg/Kg		96	78 - 136
1,1,2-Trichloroethane	0.0200	0.0165		mg/Kg		83	75 - 120
1,1-Dichloroethane	0.0200	0.0174		mg/Kg		87	76 - 129
1,1-Dichloroethene	0.0200	0.0188		mg/Kg		94	77 - 132
1,2,3-Trichlorobenzene	0.0200	0.0203		mg/Kg		102	65 - 144
1,2,4-Trichlorobenzene	0.0200	0.0200		mg/Kg		100	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0188		mg/Kg		94	60 - 126
1,2-Dichlorobenzene	0.0200	0.0182		mg/Kg		91	80 - 120
1,2-Dichloroethane	0.0200	0.0171		mg/Kg		86	70 - 132
1,2-Dichloropropane	0.0200	0.0165		mg/Kg		83	73 - 124
1,3-Dichlorobenzene	0.0200	0.0184		mg/Kg		92	80 - 120
1,4-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120
2-Butanone (MEK)	0.100	0.102		mg/Kg		102	75 - 120
2-Hexanone	0.100	0.0834		mg/Kg		83	78 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0839		mg/Kg		84	80 - 122
Acetone	0.100	0.0885		mg/Kg		89	63 - 131
Benzene	0.0200	0.0168		mg/Kg		84	80 - 123
Bromoform	0.0200	0.0196		mg/Kg		98	48 - 142
Bromomethane	0.0200	0.0192		mg/Kg		96	46 - 150
Carbon disulfide	0.0200	0.0184		mg/Kg		92	67 - 136
Carbon tetrachloride	0.0200	0.0210		mg/Kg		105	72 - 136
Chlorobenzene	0.0200	0.0178		mg/Kg		89	80 - 120
Chlorobromomethane	0.0200	0.0186		mg/Kg		93	76 - 127
Chlorodibromomethane	0.0200	0.0181		mg/Kg		90	62 - 128
Chloroethane	0.0200	0.0175		mg/Kg		88	49 - 150
Chloroform	0.0200	0.0177		mg/Kg		88	79 - 126
Chloromethane	0.0200	0.0153		mg/Kg		76	48 - 150
cis-1,2-Dichloroethene	0.0200	0.0185		mg/Kg		93	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0165		mg/Kg		82	72 - 120
Cyclohexane	0.0200	0.0185		mg/Kg		92	80 - 132
Dichlorobromomethane	0.0200	0.0185		mg/Kg		93	73 - 124
Dichlorodifluoromethane	0.0200	0.0165		mg/Kg		82	40 - 146
Ethylbenzene	0.0200	0.0185		mg/Kg		93	80 - 120
Ethylene Dibromide	0.0200	0.0172		mg/Kg		86	79 - 120
Isopropylbenzene	0.0200	0.0194		mg/Kg		97	80 - 120
Methyl acetate	0.0400	0.0338		mg/Kg		85	58 - 143
Methyl tert-butyl ether	0.0200	0.0183		mg/Kg		92	80 - 125
Methylcyclohexane	0.0200	0.0178		mg/Kg		89	79 - 133
Methylene Chloride	0.0200	0.0190		mg/Kg		95	76 - 127
m-Xylene & p-Xylene	0.0200	0.0175		mg/Kg		87	80 - 120
o-Xylene	0.0200	0.0175		mg/Kg		88	80 - 120
Styrene	0.0200	0.0171		mg/Kg		85	80 - 120
Tetrachloroethene	0.0200	0.0211		mg/Kg		106	78 - 123
Toluene	0.0200	0.0170		mg/Kg		85	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0198		mg/Kg		99	78 - 128
trans-1,3-Dichloropropene	0.0200	0.0155		mg/Kg		78	68 - 120

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-832843/3
Matrix: Solid
Analysis Batch: 832843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	0.0200	0.0187		mg/Kg		93	79 - 120
Trichlorofluoromethane	0.0200	0.0220		mg/Kg		110	67 - 142
Vinyl chloride	0.0200	0.0178		mg/Kg		89	56 - 147
Xylenes, Total	0.0400	0.0350		mg/Kg		87	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		77 - 145
4-Bromofluorobenzene	95		70 - 139
Dibromofluoromethane (Surr)	97		48 - 150
Toluene-d8 (Surr)	92		80 - 120

Lab Sample ID: LCSD 460-832843/4
Matrix: Solid
Analysis Batch: 832843

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0195		mg/Kg		97	78 - 132	1	30
1,1,1,2-Tetrachloroethane	0.0200	0.0155		mg/Kg		77	69 - 123	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0189		mg/Kg		94	78 - 136	2	30
1,1,2-Trichloroethane	0.0200	0.0166		mg/Kg		83	75 - 120	1	30
1,1-Dichloroethane	0.0200	0.0170		mg/Kg		85	76 - 129	2	30
1,1-Dichloroethene	0.0200	0.0179		mg/Kg		90	77 - 132	5	30
1,2,3-Trichlorobenzene	0.0200	0.0188		mg/Kg		94	65 - 144	8	30
1,2,4-Trichlorobenzene	0.0200	0.0186		mg/Kg		93	75 - 120	7	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0182		mg/Kg		91	60 - 126	3	30
1,2-Dichlorobenzene	0.0200	0.0181		mg/Kg		90	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0171		mg/Kg		85	70 - 132	0	30
1,2-Dichloropropane	0.0200	0.0158		mg/Kg		79	73 - 124	5	30
1,3-Dichlorobenzene	0.0200	0.0176		mg/Kg		88	80 - 120	4	30
1,4-Dichlorobenzene	0.0200	0.0175		mg/Kg		87	80 - 120	3	30
2-Butanone (MEK)	0.100	0.0957		mg/Kg		96	75 - 120	6	30
2-Hexanone	0.100	0.0866		mg/Kg		87	78 - 120	4	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0823		mg/Kg		82	80 - 122	2	30
Acetone	0.100	0.0797		mg/Kg		80	63 - 131	10	30
Benzene	0.0200	0.0154	*	mg/Kg		77	80 - 123	9	30
Bromoform	0.0200	0.0199		mg/Kg		99	48 - 142	1	30
Bromomethane	0.0200	0.0185		mg/Kg		92	46 - 150	4	30
Carbon disulfide	0.0200	0.0180		mg/Kg		90	67 - 136	2	30
Carbon tetrachloride	0.0200	0.0191		mg/Kg		96	72 - 136	9	30
Chlorobenzene	0.0200	0.0174		mg/Kg		87	80 - 120	2	30
Chlorobromomethane	0.0200	0.0185		mg/Kg		92	76 - 127	1	30
Chlorodibromomethane	0.0200	0.0182		mg/Kg		91	62 - 128	1	30
Chloroethane	0.0200	0.0183		mg/Kg		92	49 - 150	5	30
Chloroform	0.0200	0.0177		mg/Kg		89	79 - 126	0	30
Chloromethane	0.0200	0.0153		mg/Kg		76	48 - 150	0	30
cis-1,2-Dichloroethene	0.0200	0.0182		mg/Kg		91	80 - 123	2	30
cis-1,3-Dichloropropene	0.0200	0.0160		mg/Kg		80	72 - 120	3	30
Cyclohexane	0.0200	0.0178		mg/Kg		89	80 - 132	4	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-832843/4
Matrix: Solid
Analysis Batch: 832843

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane	0.0200	0.0182		mg/Kg		91	73 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0167		mg/Kg		83	40 - 146	1	30
Ethylbenzene	0.0200	0.0177		mg/Kg		88	80 - 120	5	30
Ethylene Dibromide	0.0200	0.0177		mg/Kg		89	79 - 120	3	30
Isopropylbenzene	0.0200	0.0180		mg/Kg		90	80 - 120	7	30
Methyl acetate	0.0400	0.0340		mg/Kg		85	58 - 143	0	30
Methyl tert-butyl ether	0.0200	0.0185		mg/Kg		93	80 - 125	1	30
Methylcyclohexane	0.0200	0.0170		mg/Kg		85	79 - 133	4	30
Methylene Chloride	0.0200	0.0187		mg/Kg		93	76 - 127	2	30
m-Xylene & p-Xylene	0.0200	0.0171		mg/Kg		86	80 - 120	2	30
o-Xylene	0.0200	0.0164		mg/Kg		82	80 - 120	7	30
Styrene	0.0200	0.0170		mg/Kg		85	80 - 120	0	30
Tetrachloroethene	0.0200	0.0198		mg/Kg		99	78 - 123	6	30
Toluene	0.0200	0.0163		mg/Kg		82	80 - 120	4	30
trans-1,2-Dichloroethene	0.0200	0.0203		mg/Kg		102	78 - 128	3	30
trans-1,3-Dichloropropene	0.0200	0.0162		mg/Kg		81	68 - 120	4	30
Trichloroethene	0.0200	0.0186		mg/Kg		93	79 - 120	0	30
Trichlorofluoromethane	0.0200	0.0214		mg/Kg		107	67 - 142	3	30
Vinyl chloride	0.0200	0.0172		mg/Kg		86	56 - 147	3	30
Xylenes, Total	0.0400	0.0336		mg/Kg		84	80 - 120	4	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	91		77 - 145
4-Bromofluorobenzene	97		70 - 139
Dibromofluoromethane (Surr)	93		48 - 150
Toluene-d8 (Surr)	87		80 - 120

Lab Sample ID: MB 460-832851/8
Matrix: Water
Analysis Batch: 832851

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/11/22 08:41	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			03/11/22 08:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/11/22 08:41	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			03/11/22 08:41	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/11/22 08:41	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/11/22 08:41	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/11/22 08:41	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/11/22 08:41	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/11/22 08:41	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/11/22 08:41	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			03/11/22 08:41	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			03/11/22 08:41	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/11/22 08:41	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/11/22 08:41	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			03/11/22 08:41	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/11/22 08:41	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-832851/8
Matrix: Water
Analysis Batch: 832851

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/11/22 08:41	1
Acetone	5.0	U	5.0	4.4	ug/L			03/11/22 08:41	1
Benzene	1.0	U	1.0	0.20	ug/L			03/11/22 08:41	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/11/22 08:41	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/11/22 08:41	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/11/22 08:41	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/11/22 08:41	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/11/22 08:41	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/11/22 08:41	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			03/11/22 08:41	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/11/22 08:41	1
Chloroform	1.0	U	1.0	0.33	ug/L			03/11/22 08:41	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/11/22 08:41	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			03/11/22 08:41	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/11/22 08:41	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/11/22 08:41	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			03/11/22 08:41	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/11/22 08:41	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/11/22 08:41	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/11/22 08:41	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/11/22 08:41	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/11/22 08:41	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/11/22 08:41	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/11/22 08:41	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			03/11/22 08:41	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/11/22 08:41	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/11/22 08:41	1
Styrene	1.0	U	1.0	0.42	ug/L			03/11/22 08:41	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			03/11/22 08:41	1
Toluene	1.0	U	1.0	0.38	ug/L			03/11/22 08:41	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/11/22 08:41	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/11/22 08:41	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			03/11/22 08:41	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/11/22 08:41	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/11/22 08:41	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/11/22 08:41	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	106		75 - 123		03/11/22 08:41	1
4-Bromofluorobenzene	106		76 - 120		03/11/22 08:41	1
Dibromofluoromethane (Surr)	109		77 - 124		03/11/22 08:41	1
Toluene-d8 (Surr)	102		80 - 120		03/11/22 08:41	1

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-832851/3

Matrix: Water

Analysis Batch: 832851

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	18.7		ug/L		94	68 - 128
1,1,2,2-Tetrachloroethane	20.0	20.3		ug/L		101	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.0		ug/L		80	59 - 142
1,1,2-Trichloroethane	20.0	20.4		ug/L		102	74 - 125
1,1-Dichloroethane	20.0	18.2		ug/L		91	73 - 130
1,1-Dichloroethene	20.0	18.9		ug/L		95	68 - 133
1,2,3-Trichlorobenzene	20.0	21.7		ug/L		108	53 - 144
1,2,4-Trichlorobenzene	20.0	21.6		ug/L		108	64 - 132
1,2-Dibromo-3-Chloropropane	20.0	20.3		ug/L		102	41 - 143
1,2-Dichlorobenzene	20.0	21.1		ug/L		105	79 - 122
1,2-Dichloroethane	20.0	19.0		ug/L		95	75 - 121
1,2-Dichloropropane	20.0	20.2		ug/L		101	76 - 126
1,3-Dichlorobenzene	20.0	20.7		ug/L		103	80 - 121
1,4-Dichlorobenzene	20.0	20.2		ug/L		101	80 - 118
2-Butanone (MEK)	100	120		ug/L		120	69 - 128
2-Hexanone	100	102		ug/L		102	74 - 127
4-Methyl-2-pentanone (MIBK)	100	104		ug/L		104	69 - 128
Acetone	100	94.7		ug/L		95	61 - 134
Benzene	20.0	19.9		ug/L		100	78 - 126
Bromoform	20.0	20.2		ug/L		101	38 - 144
Bromomethane	20.0	19.4		ug/L		97	43 - 150
Carbon disulfide	20.0	18.2		ug/L		91	64 - 138
Carbon tetrachloride	20.0	17.9		ug/L		90	56 - 131
Chlorobenzene	20.0	20.0		ug/L		100	80 - 119
Chlorobromomethane	20.0	21.1		ug/L		105	73 - 126
Chlorodibromomethane	20.0	20.4		ug/L		102	58 - 130
Chloroethane	20.0	21.8		ug/L		109	50 - 150
Chloroform	20.0	19.5		ug/L		97	78 - 125
Chloromethane	20.0	18.3		ug/L		91	38 - 150
cis-1,2-Dichloroethene	20.0	20.0		ug/L		100	78 - 121
cis-1,3-Dichloropropene	20.0	19.2		ug/L		96	74 - 125
Cyclohexane	20.0	16.9		ug/L		84	67 - 133
Dichlorobromomethane	20.0	19.9		ug/L		100	72 - 121
Dichlorodifluoromethane	20.0	13.9		ug/L		70	31 - 150
Ethylbenzene	20.0	20.0		ug/L		100	78 - 120
Ethylene Dibromide	20.0	21.2		ug/L		106	69 - 126
Isopropylbenzene	20.0	20.0		ug/L		100	79 - 125
Methyl acetate	40.0	39.2		ug/L		98	70 - 127
Methyl tert-butyl ether	20.0	20.2		ug/L		101	65 - 131
Methylcyclohexane	20.0	16.5		ug/L		82	60 - 139
Methylene Chloride	20.0	20.2		ug/L		101	74 - 127
m-Xylene & p-Xylene	20.0	20.1		ug/L		100	78 - 123
o-Xylene	20.0	20.2		ug/L		101	78 - 122
Styrene	20.0	20.6		ug/L		103	75 - 127
Tetrachloroethene	20.0	19.9		ug/L		99	70 - 127
Toluene	20.0	19.9		ug/L		99	78 - 119
trans-1,2-Dichloroethene	20.0	19.1		ug/L		96	74 - 126
trans-1,3-Dichloropropene	20.0	20.3		ug/L		101	66 - 127

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-832851/3

Matrix: Water

Analysis Batch: 832851

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	20.0	19.2		ug/L		96	71 - 121
Trichlorofluoromethane	20.0	19.2		ug/L		96	61 - 140
Vinyl chloride	20.0	19.6		ug/L		98	61 - 144
Xylenes, Total	40.0	40.2		ug/L		101	78 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		75 - 123
4-Bromofluorobenzene	104		76 - 120
Dibromofluoromethane (Surr)	102		77 - 124
Toluene-d8 (Surr)	103		80 - 120

Lab Sample ID: LCSD 460-832851/4

Matrix: Water

Analysis Batch: 832851

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	18.9		ug/L		94	68 - 128	1	30
1,1,1,2-Tetrachloroethane	20.0	20.2		ug/L		101	63 - 139	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	15.7		ug/L		78	59 - 142	2	30
1,1,2-Trichloroethane	20.0	20.5		ug/L		103	74 - 125	1	30
1,1-Dichloroethane	20.0	17.9		ug/L		89	73 - 130	2	30
1,1-Dichloroethene	20.0	18.4		ug/L		92	68 - 133	3	30
1,2,3-Trichlorobenzene	20.0	21.9		ug/L		110	53 - 144	1	30
1,2,4-Trichlorobenzene	20.0	21.7		ug/L		109	64 - 132	1	30
1,2-Dibromo-3-Chloropropane	20.0	21.0		ug/L		105	41 - 143	3	30
1,2-Dichlorobenzene	20.0	20.1		ug/L		101	79 - 122	5	30
1,2-Dichloroethane	20.0	18.9		ug/L		94	75 - 121	1	30
1,2-Dichloropropane	20.0	19.4		ug/L		97	76 - 126	4	30
1,3-Dichlorobenzene	20.0	20.1		ug/L		101	80 - 121	3	30
1,4-Dichlorobenzene	20.0	19.7		ug/L		98	80 - 118	3	30
2-Butanone (MEK)	100	116		ug/L		116	69 - 128	4	30
2-Hexanone	100	99.8		ug/L		100	74 - 127	3	30
4-Methyl-2-pentanone (MIBK)	100	102		ug/L		102	69 - 128	2	30
Acetone	100	89.9		ug/L		90	61 - 134	5	30
Benzene	20.0	19.6		ug/L		98	78 - 126	2	30
Bromoform	20.0	19.9		ug/L		99	38 - 144	2	30
Bromomethane	20.0	20.2		ug/L		101	43 - 150	4	30
Carbon disulfide	20.0	18.0		ug/L		90	64 - 138	1	30
Carbon tetrachloride	20.0	17.7		ug/L		89	56 - 131	1	30
Chlorobenzene	20.0	19.4		ug/L		97	80 - 119	3	30
Chlorobromomethane	20.0	20.6		ug/L		103	73 - 126	2	30
Chlorodibromomethane	20.0	19.9		ug/L		100	58 - 130	3	30
Chloroethane	20.0	21.3		ug/L		106	50 - 150	2	30
Chloroform	20.0	18.9		ug/L		94	78 - 125	3	30
Chloromethane	20.0	17.4		ug/L		87	38 - 150	5	30
cis-1,2-Dichloroethene	20.0	19.0		ug/L		95	78 - 121	5	30
cis-1,3-Dichloropropene	20.0	19.3		ug/L		97	74 - 125	0	30
Cyclohexane	20.0	16.7		ug/L		84	67 - 133	1	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-832851/4
Matrix: Water
Analysis Batch: 832851

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane	20.0	19.1		ug/L		95	72 - 121	4	30
Dichlorodifluoromethane	20.0	14.0		ug/L		70	31 - 150	0	30
Ethylbenzene	20.0	19.5		ug/L		97	78 - 120	3	30
Ethylene Dibromide	20.0	20.7		ug/L		103	69 - 126	2	30
Isopropylbenzene	20.0	19.8		ug/L		99	79 - 125	1	30
Methyl acetate	40.0	38.6		ug/L		96	70 - 127	2	30
Methyl tert-butyl ether	20.0	19.6		ug/L		98	65 - 131	3	30
Methylcyclohexane	20.0	16.1		ug/L		81	60 - 139	2	30
Methylene Chloride	20.0	19.2		ug/L		96	74 - 127	5	30
m-Xylene & p-Xylene	20.0	19.8		ug/L		99	78 - 123	1	30
o-Xylene	20.0	19.7		ug/L		99	78 - 122	2	30
Styrene	20.0	20.1		ug/L		100	75 - 127	2	30
Tetrachloroethene	20.0	19.8		ug/L		99	70 - 127	0	30
Toluene	20.0	19.5		ug/L		98	78 - 119	2	30
trans-1,2-Dichloroethene	20.0	18.8		ug/L		94	74 - 126	1	30
trans-1,3-Dichloropropene	20.0	19.8		ug/L		99	66 - 127	3	30
Trichloroethene	20.0	19.2		ug/L		96	71 - 121	0	30
Trichlorofluoromethane	20.0	19.1		ug/L		96	61 - 140	0	30
Vinyl chloride	20.0	18.7		ug/L		93	61 - 144	5	30
Xylenes, Total	40.0	39.5		ug/L		99	78 - 122	2	30

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		75 - 123
4-Bromofluorobenzene	105		76 - 120
Dibromofluoromethane (Surr)	100		77 - 124
Toluene-d8 (Surr)	104		80 - 120

Lab Sample ID: MB 460-832959/9
Matrix: Solid
Analysis Batch: 832959

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			03/11/22 19:12	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			03/11/22 19:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			03/11/22 19:12	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			03/11/22 19:12	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			03/11/22 19:12	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			03/11/22 19:12	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			03/11/22 19:12	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			03/11/22 19:12	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			03/11/22 19:12	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			03/11/22 19:12	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			03/11/22 19:12	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			03/11/22 19:12	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			03/11/22 19:12	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg			03/11/22 19:12	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			03/11/22 19:12	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			03/11/22 19:12	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-832959/9
Matrix: Solid
Analysis Batch: 832959

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			03/11/22 19:12	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			03/11/22 19:12	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg			03/11/22 19:12	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			03/11/22 19:12	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			03/11/22 19:12	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			03/11/22 19:12	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			03/11/22 19:12	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			03/11/22 19:12	1
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg			03/11/22 19:12	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg			03/11/22 19:12	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			03/11/22 19:12	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			03/11/22 19:12	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			03/11/22 19:12	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			03/11/22 19:12	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			03/11/22 19:12	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			03/11/22 19:12	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			03/11/22 19:12	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			03/11/22 19:12	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg			03/11/22 19:12	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg			03/11/22 19:12	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			03/11/22 19:12	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			03/11/22 19:12	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			03/11/22 19:12	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			03/11/22 19:12	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			03/11/22 19:12	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017	mg/Kg			03/11/22 19:12	1
o-Xylene	0.0010	U	0.0010	0.00019	mg/Kg			03/11/22 19:12	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			03/11/22 19:12	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			03/11/22 19:12	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			03/11/22 19:12	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			03/11/22 19:12	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			03/11/22 19:12	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			03/11/22 19:12	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			03/11/22 19:12	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			03/11/22 19:12	1
Xylenes, Total	0.0020	U	0.0020	0.00064	mg/Kg			03/11/22 19:12	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	98		77 - 145		03/11/22 19:12	1
4-Bromofluorobenzene	98		70 - 139		03/11/22 19:12	1
Dibromofluoromethane (Surr)	107		48 - 150		03/11/22 19:12	1
Toluene-d8 (Surr)	87		80 - 120		03/11/22 19:12	1

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-832959/4

Matrix: Solid

Analysis Batch: 832959

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0200	0.0228		mg/Kg		114	78 - 132
1,1,2,2-Tetrachloroethane	0.0200	0.0173		mg/Kg		86	69 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0237		mg/Kg		118	78 - 136
1,1,2-Trichloroethane	0.0200	0.0177		mg/Kg		88	75 - 120
1,1-Dichloroethane	0.0200	0.0198		mg/Kg		99	76 - 129
1,1-Dichloroethene	0.0200	0.0230		mg/Kg		115	77 - 132
1,2,3-Trichlorobenzene	0.0200	0.0204		mg/Kg		102	65 - 144
1,2,4-Trichlorobenzene	0.0200	0.0209		mg/Kg		105	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0216		mg/Kg		108	60 - 126
1,2-Dichlorobenzene	0.0200	0.0195		mg/Kg		97	80 - 120
1,2-Dichloroethane	0.0200	0.0192		mg/Kg		96	70 - 132
1,2-Dichloropropane	0.0200	0.0180		mg/Kg		90	73 - 124
1,3-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120
1,4-Dichlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120
2-Butanone (MEK)	0.100	0.100		mg/Kg		100	75 - 120
2-Hexanone	0.100	0.105		mg/Kg		105	78 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0916		mg/Kg		92	80 - 122
Acetone	0.100	0.0945		mg/Kg		95	63 - 131
Benzene	0.0200	0.0167		mg/Kg		84	80 - 123
Bromoform	0.0200	0.0221		mg/Kg		111	48 - 142
Bromomethane	0.0200	0.0186		mg/Kg		93	46 - 150
Carbon disulfide	0.0200	0.0233		mg/Kg		117	67 - 136
Carbon tetrachloride	0.0200	0.0233		mg/Kg		117	72 - 136
Chlorobenzene	0.0200	0.0199		mg/Kg		100	80 - 120
Chlorobromomethane	0.0200	0.0228		mg/Kg		114	76 - 127
Chlorodibromomethane	0.0200	0.0198		mg/Kg		99	62 - 128
Chloroethane	0.0200	0.0178		mg/Kg		89	49 - 150
Chloroform	0.0200	0.0209		mg/Kg		105	79 - 126
Chloromethane	0.0200	0.0145		mg/Kg		73	48 - 150
cis-1,2-Dichloroethene	0.0200	0.0222		mg/Kg		111	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0172		mg/Kg		86	72 - 120
Cyclohexane	0.0200	0.0214		mg/Kg		107	80 - 132
Dichlorobromomethane	0.0200	0.0202		mg/Kg		101	73 - 124
Dichlorodifluoromethane	0.0200	0.0143		mg/Kg		71	40 - 146
Ethylbenzene	0.0200	0.0203		mg/Kg		101	80 - 120
Ethylene Dibromide	0.0200	0.0199		mg/Kg		99	79 - 120
Isopropylbenzene	0.0200	0.0206		mg/Kg		103	80 - 120
Methyl acetate	0.0400	0.0416		mg/Kg		104	58 - 143
Methyl tert-butyl ether	0.0200	0.0216		mg/Kg		108	80 - 125
Methylcyclohexane	0.0200	0.0212		mg/Kg		106	79 - 133
Methylene Chloride	0.0200	0.0243		mg/Kg		121	76 - 127
m-Xylene & p-Xylene	0.0200	0.0197		mg/Kg		98	80 - 120
o-Xylene	0.0200	0.0188		mg/Kg		94	80 - 120
Styrene	0.0200	0.0200		mg/Kg		100	80 - 120
Tetrachloroethene	0.0200	0.0218		mg/Kg		109	78 - 123
Toluene	0.0200	0.0180		mg/Kg		90	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0244		mg/Kg		122	78 - 128
trans-1,3-Dichloropropene	0.0200	0.0184		mg/Kg		92	68 - 120

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-832959/4
Matrix: Solid
Analysis Batch: 832959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	0.0200	0.0211		mg/Kg		105	79 - 120
Trichlorofluoromethane	0.0200	0.0214		mg/Kg		107	67 - 142
Vinyl chloride	0.0200	0.0168		mg/Kg		84	56 - 147
Xylenes, Total	0.0400	0.0384		mg/Kg		96	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		77 - 145
4-Bromofluorobenzene	99		70 - 139
Dibromofluoromethane (Surr)	102		48 - 150
Toluene-d8 (Surr)	86		80 - 120

Lab Sample ID: LCSD 460-832959/6
Matrix: Solid
Analysis Batch: 832959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0212		mg/Kg		106	78 - 132	7	30
1,1,1,2-Tetrachloroethane	0.0200	0.0169		mg/Kg		84	69 - 123	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0211		mg/Kg		105	78 - 136	12	30
1,1,2-Trichloroethane	0.0200	0.0190		mg/Kg		95	75 - 120	7	30
1,1-Dichloroethane	0.0200	0.0184		mg/Kg		92	76 - 129	7	30
1,1-Dichloroethene	0.0200	0.0208		mg/Kg		104	77 - 132	10	30
1,2,3-Trichlorobenzene	0.0200	0.0220		mg/Kg		110	65 - 144	8	30
1,2,4-Trichlorobenzene	0.0200	0.0214		mg/Kg		107	75 - 120	2	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0225		mg/Kg		113	60 - 126	4	30
1,2-Dichlorobenzene	0.0200	0.0195		mg/Kg		98	80 - 120	0	30
1,2-Dichloroethane	0.0200	0.0192		mg/Kg		96	70 - 132	0	30
1,2-Dichloropropane	0.0200	0.0173		mg/Kg		87	73 - 124	4	30
1,3-Dichlorobenzene	0.0200	0.0189		mg/Kg		95	80 - 120	2	30
1,4-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	1	30
2-Butanone (MEK)	0.100	0.110		mg/Kg		110	75 - 120	9	30
2-Hexanone	0.100	0.0843		mg/Kg		84	78 - 120	22	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0865		mg/Kg		87	80 - 122	6	30
Acetone	0.100	0.0924		mg/Kg		92	63 - 131	2	30
Benzene	0.0200	0.0190		mg/Kg		95	80 - 123	13	30
Bromoform	0.0200	0.0220		mg/Kg		110	48 - 142	1	30
Bromomethane	0.0200	0.0184		mg/Kg		92	46 - 150	1	30
Carbon disulfide	0.0200	0.0208		mg/Kg		104	67 - 136	11	30
Carbon tetrachloride	0.0200	0.0227		mg/Kg		113	72 - 136	3	30
Chlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120	3	30
Chlorobromomethane	0.0200	0.0214		mg/Kg		107	76 - 127	7	30
Chlorodibromomethane	0.0200	0.0208		mg/Kg		104	62 - 128	5	30
Chloroethane	0.0200	0.0177		mg/Kg		88	49 - 150	0	30
Chloroform	0.0200	0.0199		mg/Kg		99	79 - 126	5	30
Chloromethane	0.0200	0.0140		mg/Kg		70	48 - 150	3	30
cis-1,2-Dichloroethene	0.0200	0.0209		mg/Kg		105	80 - 123	6	30
cis-1,3-Dichloropropene	0.0200	0.0182		mg/Kg		91	72 - 120	6	30
Cyclohexane	0.0200	0.0194		mg/Kg		97	80 - 132	10	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-832959/6
Matrix: Solid
Analysis Batch: 832959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane	0.0200	0.0195		mg/Kg		98	73 - 124	4	30
Dichlorodifluoromethane	0.0200	0.0139		mg/Kg		69	40 - 146	3	30
Ethylbenzene	0.0200	0.0202		mg/Kg		101	80 - 120	0	30
Ethylene Dibromide	0.0200	0.0187		mg/Kg		93	79 - 120	6	30
Isopropylbenzene	0.0200	0.0214		mg/Kg		107	80 - 120	4	30
Methyl acetate	0.0400	0.0373		mg/Kg		93	58 - 143	11	30
Methyl tert-butyl ether	0.0200	0.0197		mg/Kg		98	80 - 125	9	30
Methylcyclohexane	0.0200	0.0195		mg/Kg		98	79 - 133	8	30
Methylene Chloride	0.0200	0.0218		mg/Kg		109	76 - 127	11	30
m-Xylene & p-Xylene	0.0200	0.0195		mg/Kg		97	80 - 120	1	30
o-Xylene	0.0200	0.0202		mg/Kg		101	80 - 120	8	30
Styrene	0.0200	0.0192		mg/Kg		96	80 - 120	4	30
Tetrachloroethene	0.0200	0.0241		mg/Kg		121	78 - 123	10	30
Toluene	0.0200	0.0197		mg/Kg		99	80 - 120	9	30
trans-1,2-Dichloroethene	0.0200	0.0214		mg/Kg		107	78 - 128	13	30
trans-1,3-Dichloropropene	0.0200	0.0175		mg/Kg		88	68 - 120	5	30
Trichloroethene	0.0200	0.0204		mg/Kg		102	79 - 120	4	30
Trichlorofluoromethane	0.0200	0.0206		mg/Kg		103	67 - 142	4	30
Vinyl chloride	0.0200	0.0164		mg/Kg		82	56 - 147	2	30
Xylenes, Total	0.0400	0.0397		mg/Kg		99	80 - 120	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	96		77 - 145
4-Bromofluorobenzene	95		70 - 139
Dibromofluoromethane (Surr)	100		48 - 150
Toluene-d8 (Surr)	97		80 - 120

Lab Sample ID: MB 460-832960/9
Matrix: Water
Analysis Batch: 832960

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			03/11/22 21:17	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			03/11/22 21:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			03/11/22 21:17	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			03/11/22 21:17	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			03/11/22 21:17	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			03/11/22 21:17	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			03/11/22 21:17	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			03/11/22 21:17	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			03/11/22 21:17	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			03/11/22 21:17	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			03/11/22 21:17	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			03/11/22 21:17	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			03/11/22 21:17	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			03/11/22 21:17	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			03/11/22 21:17	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			03/11/22 21:17	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-832960/9
Matrix: Water
Analysis Batch: 832960

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			03/11/22 21:17	1
Acetone	5.0	U	5.0	4.4	ug/L			03/11/22 21:17	1
Benzene	1.0	U	1.0	0.20	ug/L			03/11/22 21:17	1
Bromoform	1.0	U	1.0	0.54	ug/L			03/11/22 21:17	1
Bromomethane	1.0	U	1.0	0.55	ug/L			03/11/22 21:17	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			03/11/22 21:17	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			03/11/22 21:17	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			03/11/22 21:17	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			03/11/22 21:17	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			03/11/22 21:17	1
Chloroethane	1.0	U	1.0	0.32	ug/L			03/11/22 21:17	1
Chloroform	1.0	U	1.0	0.33	ug/L			03/11/22 21:17	1
Chloromethane	1.0	U	1.0	0.40	ug/L			03/11/22 21:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			03/11/22 21:17	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/11/22 21:17	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			03/11/22 21:17	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			03/11/22 21:17	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/11/22 21:17	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/11/22 21:17	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			03/11/22 21:17	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			03/11/22 21:17	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			03/11/22 21:17	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			03/11/22 21:17	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			03/11/22 21:17	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			03/11/22 21:17	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			03/11/22 21:17	1
o-Xylene	1.0	U	1.0	0.36	ug/L			03/11/22 21:17	1
Styrene	1.0	U	1.0	0.42	ug/L			03/11/22 21:17	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			03/11/22 21:17	1
Toluene	1.0	U	1.0	0.38	ug/L			03/11/22 21:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			03/11/22 21:17	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			03/11/22 21:17	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			03/11/22 21:17	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			03/11/22 21:17	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			03/11/22 21:17	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/11/22 21:17	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	106		75 - 123		03/11/22 21:17	1
4-Bromofluorobenzene	105		76 - 120		03/11/22 21:17	1
Dibromofluoromethane (Surr)	107		77 - 124		03/11/22 21:17	1
Toluene-d8 (Surr)	102		80 - 120		03/11/22 21:17	1

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-832960/3

Matrix: Water

Analysis Batch: 832960

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	19.9		ug/L		99	68 - 128
1,1,2,2-Tetrachloroethane	20.0	19.5		ug/L		98	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.8		ug/L		99	59 - 142
1,1,2-Trichloroethane	20.0	19.9		ug/L		99	74 - 125
1,1-Dichloroethane	20.0	20.4		ug/L		102	73 - 130
1,1-Dichloroethene	20.0	19.6		ug/L		98	68 - 133
1,2,3-Trichlorobenzene	20.0	21.3		ug/L		106	53 - 144
1,2,4-Trichlorobenzene	20.0	21.5		ug/L		108	64 - 132
1,2-Dibromo-3-Chloropropane	20.0	19.3		ug/L		97	41 - 143
1,2-Dichlorobenzene	20.0	20.2		ug/L		101	79 - 122
1,2-Dichloroethane	20.0	18.9		ug/L		94	75 - 121
1,2-Dichloropropane	20.0	20.3		ug/L		101	76 - 126
1,3-Dichlorobenzene	20.0	20.3		ug/L		102	80 - 121
1,4-Dichlorobenzene	20.0	19.5		ug/L		98	80 - 118
2-Butanone (MEK)	100	117		ug/L		117	69 - 128
2-Hexanone	100	99.7		ug/L		100	74 - 127
4-Methyl-2-pentanone (MIBK)	100	100		ug/L		100	69 - 128
Acetone	100	91.9		ug/L		92	61 - 134
Benzene	20.0	20.2		ug/L		101	78 - 126
Bromoform	20.0	19.7		ug/L		99	38 - 144
Bromomethane	20.0	18.6		ug/L		93	43 - 150
Carbon disulfide	20.0	19.4		ug/L		97	64 - 138
Carbon tetrachloride	20.0	18.7		ug/L		94	56 - 131
Chlorobenzene	20.0	19.9		ug/L		100	80 - 119
Chlorobromomethane	20.0	21.4		ug/L		107	73 - 126
Chlorodibromomethane	20.0	20.0		ug/L		100	58 - 130
Chloroethane	20.0	19.7		ug/L		99	50 - 150
Chloroform	20.0	20.2		ug/L		101	78 - 125
Chloromethane	20.0	15.7		ug/L		79	38 - 150
cis-1,2-Dichloroethene	20.0	20.6		ug/L		103	78 - 121
cis-1,3-Dichloropropene	20.0	19.1		ug/L		95	74 - 125
Cyclohexane	20.0	19.6		ug/L		98	67 - 133
Dichlorobromomethane	20.0	19.8		ug/L		99	72 - 121
Dichlorodifluoromethane	20.0	12.9		ug/L		65	31 - 150
Ethylbenzene	20.0	20.3		ug/L		101	78 - 120
Ethylene Dibromide	20.0	20.9		ug/L		104	69 - 126
Isopropylbenzene	20.0	20.3		ug/L		101	79 - 125
Methyl acetate	40.0	40.3		ug/L		101	70 - 127
Methyl tert-butyl ether	20.0	20.2		ug/L		101	65 - 131
Methylcyclohexane	20.0	19.2		ug/L		96	60 - 139
Methylene Chloride	20.0	20.5		ug/L		102	74 - 127
m-Xylene & p-Xylene	20.0	20.7		ug/L		104	78 - 123
o-Xylene	20.0	20.7		ug/L		104	78 - 122
Styrene	20.0	20.5		ug/L		103	75 - 127
Tetrachloroethene	20.0	20.5		ug/L		103	70 - 127
Toluene	20.0	20.0		ug/L		100	78 - 119
trans-1,2-Dichloroethene	20.0	19.9		ug/L		100	74 - 126
trans-1,3-Dichloropropene	20.0	19.9		ug/L		100	66 - 127

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-832960/3

Matrix: Water

Analysis Batch: 832960

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	20.0	19.8		ug/L		99	71 - 121
Trichlorofluoromethane	20.0	18.0		ug/L		90	61 - 140
Vinyl chloride	20.0	17.2		ug/L		86	61 - 144
Xylenes, Total	40.0	41.5		ug/L		104	78 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		75 - 123
4-Bromofluorobenzene	105		76 - 120
Dibromofluoromethane (Surr)	101		77 - 124
Toluene-d8 (Surr)	104		80 - 120

Lab Sample ID: LCSD 460-832960/4

Matrix: Water

Analysis Batch: 832960

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	18.6		ug/L		93	68 - 128	7	30
1,1,1,2-Tetrachloroethane	20.0	17.8		ug/L		89	63 - 139	9	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.1		ug/L		85	59 - 142	15	30
1,1,2-Trichloroethane	20.0	20.2		ug/L		101	74 - 125	2	30
1,1-Dichloroethane	20.0	18.7		ug/L		94	73 - 130	9	30
1,1-Dichloroethene	20.0	18.0		ug/L		90	68 - 133	9	30
1,2,3-Trichlorobenzene	20.0	21.3		ug/L		106	53 - 144	0	30
1,2,4-Trichlorobenzene	20.0	21.1		ug/L		106	64 - 132	2	30
1,2-Dibromo-3-Chloropropane	20.0	19.2		ug/L		96	41 - 143	1	30
1,2-Dichlorobenzene	20.0	20.3		ug/L		102	79 - 122	1	30
1,2-Dichloroethane	20.0	19.2		ug/L		96	75 - 121	1	30
1,2-Dichloropropane	20.0	19.3		ug/L		96	76 - 126	5	30
1,3-Dichlorobenzene	20.0	19.4		ug/L		97	80 - 121	4	30
1,4-Dichlorobenzene	20.0	19.5		ug/L		98	80 - 118	0	30
2-Butanone (MEK)	100	110		ug/L		110	69 - 128	6	30
2-Hexanone	100	97.4		ug/L		97	74 - 127	2	30
4-Methyl-2-pentanone (MIBK)	100	99.5		ug/L		99	69 - 128	1	30
Acetone	100	93.6		ug/L		94	61 - 134	2	30
Benzene	20.0	19.7		ug/L		99	78 - 126	2	30
Bromoform	20.0	19.3		ug/L		97	38 - 144	2	30
Bromomethane	20.0	19.0		ug/L		95	43 - 150	2	30
Carbon disulfide	20.0	17.6		ug/L		88	64 - 138	10	30
Carbon tetrachloride	20.0	17.4		ug/L		87	56 - 131	8	30
Chlorobenzene	20.0	19.4		ug/L		97	80 - 119	3	30
Chlorobromomethane	20.0	20.8		ug/L		104	73 - 126	3	30
Chlorodibromomethane	20.0	19.7		ug/L		98	58 - 130	2	30
Chloroethane	20.0	18.9		ug/L		94	50 - 150	4	30
Chloroform	20.0	18.8		ug/L		94	78 - 125	7	30
Chloromethane	20.0	15.8		ug/L		79	38 - 150	0	30
cis-1,2-Dichloroethene	20.0	19.8		ug/L		99	78 - 121	4	30
cis-1,3-Dichloropropene	20.0	17.8		ug/L		89	74 - 125	7	30
Cyclohexane	20.0	17.5		ug/L		88	67 - 133	11	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-832960/4
Matrix: Water
Analysis Batch: 832960

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorobromomethane	20.0	19.1		ug/L		96	72 - 121	3	30
Dichlorodifluoromethane	20.0	13.1		ug/L		65	31 - 150	1	30
Ethylbenzene	20.0	19.5		ug/L		98	78 - 120	4	30
Ethylene Dibromide	20.0	20.8		ug/L		104	69 - 126	0	30
Isopropylbenzene	20.0	19.4		ug/L		97	79 - 125	4	30
Methyl acetate	40.0	41.4		ug/L		103	70 - 127	3	30
Methyl tert-butyl ether	20.0	19.5		ug/L		98	65 - 131	3	30
Methylcyclohexane	20.0	17.1		ug/L		85	60 - 139	12	30
Methylene Chloride	20.0	19.2		ug/L		96	74 - 127	6	30
m-Xylene & p-Xylene	20.0	19.6		ug/L		98	78 - 123	5	30
o-Xylene	20.0	19.8		ug/L		99	78 - 122	4	30
Styrene	20.0	20.0		ug/L		100	75 - 127	3	30
Tetrachloroethene	20.0	19.1		ug/L		96	70 - 127	7	30
Toluene	20.0	19.3		ug/L		96	78 - 119	3	30
trans-1,2-Dichloroethene	20.0	19.1		ug/L		95	74 - 126	4	30
trans-1,3-Dichloropropene	20.0	18.2		ug/L		91	66 - 127	9	30
Trichloroethene	20.0	20.6		ug/L		103	71 - 121	4	30
Trichlorofluoromethane	20.0	16.8		ug/L		84	61 - 140	7	30
Vinyl chloride	20.0	16.2		ug/L		81	61 - 144	6	30
Xylenes, Total	40.0	39.5		ug/L		99	78 - 122	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	102		75 - 123
4-Bromofluorobenzene	104		76 - 120
Dibromofluoromethane (Surr)	102		77 - 124
Toluene-d8 (Surr)	105		80 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-832410/1-A
Matrix: Water
Analysis Batch: 832536

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832410

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	10	U	10	1.2	ug/L		03/09/22 07:36	03/09/22 18:22	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		03/09/22 07:36	03/09/22 18:22	1
1,4-Dioxane	10	U	10	1.6	ug/L		03/09/22 07:36	03/09/22 18:22	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		03/09/22 07:36	03/09/22 18:22	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		03/09/22 07:36	03/09/22 18:22	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		03/09/22 07:36	03/09/22 18:22	1
2,4,6-Trichlorophenol	10	U	10	0.86	ug/L		03/09/22 07:36	03/09/22 18:22	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		03/09/22 07:36	03/09/22 18:22	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		03/09/22 07:36	03/09/22 18:22	1
2,4-Dinitrophenol	20	U	20	2.6	ug/L		03/09/22 07:36	03/09/22 18:22	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		03/09/22 07:36	03/09/22 18:22	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		03/09/22 07:36	03/09/22 18:22	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		03/09/22 07:36	03/09/22 18:22	1
2-Chlorophenol	10	U	10	0.38	ug/L		03/09/22 07:36	03/09/22 18:22	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/09/22 07:36	03/09/22 18:22	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-832410/1-A
Matrix: Water
Analysis Batch: 832536

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832410

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
	Result	Qualifier							
2-Methylphenol	10	U	10	0.67	ug/L		03/09/22 07:36	03/09/22 18:22	1
2-Nitroaniline	10	U	10	0.47	ug/L		03/09/22 07:36	03/09/22 18:22	1
2-Nitrophenol	10	U	10	0.75	ug/L		03/09/22 07:36	03/09/22 18:22	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		03/09/22 07:36	03/09/22 18:22	1
3-Nitroaniline	10	U	10	1.9	ug/L		03/09/22 07:36	03/09/22 18:22	1
4,6-Dinitro-2-methylphenol	20	U	20	3.0	ug/L		03/09/22 07:36	03/09/22 18:22	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		03/09/22 07:36	03/09/22 18:22	1
4-Chloro-3-methylphenol	10	U	10	0.58	ug/L		03/09/22 07:36	03/09/22 18:22	1
4-Chloroaniline	10	U	10	1.9	ug/L		03/09/22 07:36	03/09/22 18:22	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		03/09/22 07:36	03/09/22 18:22	1
4-Methylphenol	10	U	10	0.65	ug/L		03/09/22 07:36	03/09/22 18:22	1
4-Nitroaniline	10	U	10	1.2	ug/L		03/09/22 07:36	03/09/22 18:22	1
4-Nitrophenol	20	U	20	4.0	ug/L		03/09/22 07:36	03/09/22 18:22	1
Acenaphthene	10	U	10	1.1	ug/L		03/09/22 07:36	03/09/22 18:22	1
Acenaphthylene	10	U	10	0.82	ug/L		03/09/22 07:36	03/09/22 18:22	1
Acetophenone	10	U	10	2.3	ug/L		03/09/22 07:36	03/09/22 18:22	1
Anthracene	10	U	10	1.3	ug/L		03/09/22 07:36	03/09/22 18:22	1
Atrazine	2.0	U	2.0	1.3	ug/L		03/09/22 07:36	03/09/22 18:22	1
Benzaldehyde	10	U	10	2.1	ug/L		03/09/22 07:36	03/09/22 18:22	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/09/22 07:36	03/09/22 18:22	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/09/22 07:36	03/09/22 18:22	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/09/22 07:36	03/09/22 18:22	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		03/09/22 07:36	03/09/22 18:22	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/09/22 07:36	03/09/22 18:22	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		03/09/22 07:36	03/09/22 18:22	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		03/09/22 07:36	03/09/22 18:22	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		03/09/22 07:36	03/09/22 18:22	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		03/09/22 07:36	03/09/22 18:22	1
Caprolactam	10	U	10	2.2	ug/L		03/09/22 07:36	03/09/22 18:22	1
Carbazole	10	U	10	0.68	ug/L		03/09/22 07:36	03/09/22 18:22	1
Chrysene	2.0	U	2.0	0.91	ug/L		03/09/22 07:36	03/09/22 18:22	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/09/22 07:36	03/09/22 18:22	1
Dibenzofuran	10	U	10	1.1	ug/L		03/09/22 07:36	03/09/22 18:22	1
Diethyl phthalate	10	U	10	0.98	ug/L		03/09/22 07:36	03/09/22 18:22	1
Dimethyl phthalate	10	U	10	0.77	ug/L		03/09/22 07:36	03/09/22 18:22	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		03/09/22 07:36	03/09/22 18:22	1
Di-n-octyl phthalate	10	U	10	0.75	ug/L		03/09/22 07:36	03/09/22 18:22	1
Fluoranthene	10	U	10	0.84	ug/L		03/09/22 07:36	03/09/22 18:22	1
Fluorene	10	U	10	0.91	ug/L		03/09/22 07:36	03/09/22 18:22	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		03/09/22 07:36	03/09/22 18:22	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		03/09/22 07:36	03/09/22 18:22	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		03/09/22 07:36	03/09/22 18:22	1
Hexachloroethane	2.0	U	2.0	0.80	ug/L		03/09/22 07:36	03/09/22 18:22	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/09/22 07:36	03/09/22 18:22	1
Isophorone	10	U	10	0.80	ug/L		03/09/22 07:36	03/09/22 18:22	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/09/22 07:36	03/09/22 18:22	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		03/09/22 07:36	03/09/22 18:22	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		03/09/22 07:36	03/09/22 18:22	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		03/09/22 07:36	03/09/22 18:22	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-832410/1-A
Matrix: Water
Analysis Batch: 832536

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832410

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Pentachlorophenol	20	U	20	1.4	ug/L		03/09/22 07:36	03/09/22 18:22	1
Phenanthrene	10	U	10	1.3	ug/L		03/09/22 07:36	03/09/22 18:22	1
Phenol	10	U	10	0.29	ug/L		03/09/22 07:36	03/09/22 18:22	1
Pyrene	10	U	10	1.6	ug/L		03/09/22 07:36	03/09/22 18:22	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol (Surr)	81		33 - 150	03/09/22 07:36	03/09/22 18:22	1
2-Fluorobiphenyl	85		42 - 127	03/09/22 07:36	03/09/22 18:22	1
2-Fluorophenol (Surr)	45		18 - 72	03/09/22 07:36	03/09/22 18:22	1
Nitrobenzene-d5 (Surr)	85		46 - 137	03/09/22 07:36	03/09/22 18:22	1
Phenol-d5 (Surr)	30		10 - 50	03/09/22 07:36	03/09/22 18:22	1
Terphenyl-d14 (Surr)	96		39 - 150	03/09/22 07:36	03/09/22 18:22	1

Lab Sample ID: LCS 460-832410/2-A
Matrix: Water
Analysis Batch: 832536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832410

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
1,1'-Biphenyl	80.0	67.0		ug/L		84	60 - 108
1,2,4,5-Tetrachlorobenzene	80.0	64.6		ug/L		81	46 - 117
1,4-Dioxane	80.0	33.5		ug/L		42	26 - 69
2,2'-oxybis[1-chloropropane]	80.0	62.7		ug/L		78	42 - 116
2,3,4,6-Tetrachlorophenol	80.0	69.7		ug/L		87	63 - 122
2,4,5-Trichlorophenol	80.0	69.8		ug/L		87	63 - 112
2,4,6-Trichlorophenol	80.0	71.1		ug/L		89	66 - 117
2,4-Dichlorophenol	80.0	62.9		ug/L		79	65 - 105
2,4-Dimethylphenol	80.0	59.3		ug/L		74	62 - 99
2,4-Dinitrophenol	160	129		ug/L		81	32 - 150
2,4-Dinitrotoluene	80.0	74.6		ug/L		93	68 - 134
2,6-Dinitrotoluene	80.0	72.8		ug/L		91	70 - 124
2-Chloronaphthalene	80.0	65.8		ug/L		82	57 - 107
2-Chlorophenol	80.0	56.2		ug/L		70	58 - 94
2-Methylnaphthalene	80.0	58.7		ug/L		73	55 - 111
2-Methylphenol	80.0	50.1		ug/L		63	48 - 88
2-Nitroaniline	80.0	68.7		ug/L		86	62 - 115
2-Nitrophenol	80.0	61.7		ug/L		77	60 - 125
3,3'-Dichlorobenzidine	80.0	70.9		ug/L		89	53 - 125
3-Nitroaniline	80.0	63.6		ug/L		79	60 - 112
4,6-Dinitro-2-methylphenol	160	134		ug/L		84	47 - 150
4-Bromophenyl phenyl ether	80.0	66.2		ug/L		83	59 - 117
4-Chloro-3-methylphenol	80.0	59.1		ug/L		74	61 - 100
4-Chloroaniline	80.0	57.7		ug/L		72	42 - 114
4-Chlorophenyl phenyl ether	80.0	69.5		ug/L		87	63 - 113
4-Methylphenol	80.0	46.2		ug/L		58	42 - 79
4-Nitroaniline	80.0	72.5		ug/L		91	58 - 120
4-Nitrophenol	160	50.9		ug/L		32	14 - 54
Acenaphthene	80.0	73.3		ug/L		92	60 - 110
Acenaphthylene	80.0	64.6		ug/L		81	64 - 109

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-832410/2-A
Matrix: Water
Analysis Batch: 832536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832410

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetophenone	80.0	65.0		ug/L		81	66 - 111
Anthracene	80.0	68.6		ug/L		86	65 - 109
Atrazine	40.0	69.1	*	ug/L		173	24 - 150
Benzaldehyde	40.0	57.1		ug/L		143	16 - 150
Benzo[a]anthracene	80.0	67.7		ug/L		85	62 - 106
Benzo[a]pyrene	80.0	63.6		ug/L		80	66 - 127
Benzo[b]fluoranthene	80.0	66.4		ug/L		83	66 - 125
Benzo[g,h,i]perylene	80.0	70.0		ug/L		88	49 - 149
Benzo[k]fluoranthene	80.0	74.9		ug/L		94	64 - 125
Bis(2-chloroethoxy)methane	80.0	66.5		ug/L		83	64 - 107
Bis(2-chloroethyl)ether	80.0	65.5		ug/L		82	63 - 110
Bis(2-ethylhexyl) phthalate	80.0	71.4		ug/L		89	60 - 120
Butyl benzyl phthalate	80.0	71.9		ug/L		90	58 - 119
Caprolactam	40.0	16.6		ug/L		42	10 - 73
Carbazole	80.0	68.8		ug/L		86	65 - 109
Chrysene	80.0	68.1		ug/L		85	63 - 108
Dibenz(a,h)anthracene	80.0	73.9		ug/L		92	55 - 150
Dibenzofuran	80.0	69.7		ug/L		87	66 - 109
Diethyl phthalate	80.0	71.8		ug/L		90	69 - 112
Dimethyl phthalate	80.0	71.2		ug/L		89	70 - 112
Di-n-butyl phthalate	80.0	73.3		ug/L		92	66 - 110
Di-n-octyl phthalate	80.0	73.3		ug/L		92	54 - 128
Fluoranthene	80.0	68.7		ug/L		86	65 - 113
Fluorene	80.0	70.6		ug/L		88	65 - 111
Hexachlorobenzene	80.0	67.2		ug/L		84	61 - 117
Hexachlorobutadiene	80.0	52.3		ug/L		65	10 - 133
Hexachlorocyclopentadiene	80.0	52.2		ug/L		65	10 - 123
Hexachloroethane	80.0	50.5		ug/L		63	17 - 115
Indeno[1,2,3-cd]pyrene	80.0	71.7		ug/L		90	54 - 150
Isophorone	80.0	67.1		ug/L		84	68 - 114
Naphthalene	80.0	60.3		ug/L		75	58 - 105
Nitrobenzene	80.0	69.9		ug/L		87	71 - 116
N-Nitrosodi-n-propylamine	80.0	68.3		ug/L		85	60 - 119
N-Nitrosodiphenylamine	80.0	68.3		ug/L		85	63 - 109
Pentachlorophenol	160	138		ug/L		86	54 - 131
Phenanthrene	80.0	67.9		ug/L		85	65 - 108
Phenol	80.0	26.5		ug/L		33	20 - 50
Pyrene	80.0	66.8		ug/L		83	54 - 114

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	96		33 - 150
2-Fluorobiphenyl	91		42 - 127
2-Fluorophenol (Surr)	47		18 - 72
Nitrobenzene-d5 (Surr)	89		46 - 137
Phenol-d5 (Surr)	32		10 - 50
Terphenyl-d14 (Surr)	91		39 - 150

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-832410/3-A
Matrix: Water
Analysis Batch: 832536

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832410

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD
									Limit
1,1'-Biphenyl	80.0	65.9		ug/L		82	60 - 108	2	30
1,2,4,5-Tetrachlorobenzene	80.0	63.6		ug/L		80	46 - 117	2	30
1,4-Dioxane	80.0	34.1		ug/L		43	26 - 69	2	30
2,2'-oxybis[1-chloropropane]	80.0	62.2		ug/L		78	42 - 116	1	30
2,3,4,6-Tetrachlorophenol	80.0	69.1		ug/L		86	63 - 122	1	30
2,4,5-Trichlorophenol	80.0	69.0		ug/L		86	63 - 112	1	30
2,4,6-Trichlorophenol	80.0	68.8		ug/L		86	66 - 117	3	30
2,4-Dichlorophenol	80.0	63.2		ug/L		79	65 - 105	1	30
2,4-Dimethylphenol	80.0	60.2		ug/L		75	62 - 99	1	30
2,4-Dinitrophenol	160	131		ug/L		82	32 - 150	1	30
2,4-Dinitrotoluene	80.0	73.3		ug/L		92	68 - 134	2	30
2,6-Dinitrotoluene	80.0	72.3		ug/L		90	70 - 124	1	30
2-Chloronaphthalene	80.0	65.6		ug/L		82	57 - 107	0	30
2-Chlorophenol	80.0	57.2		ug/L		72	58 - 94	2	30
2-Methylnaphthalene	80.0	58.4		ug/L		73	55 - 111	1	30
2-Methylphenol	80.0	50.2		ug/L		63	48 - 88	0	30
2-Nitroaniline	80.0	68.9		ug/L		86	62 - 115	0	30
2-Nitrophenol	80.0	63.3		ug/L		79	60 - 125	3	30
3,3'-Dichlorobenzidine	80.0	71.1		ug/L		89	53 - 125	0	30
3-Nitroaniline	80.0	61.9		ug/L		77	60 - 112	3	30
4,6-Dinitro-2-methylphenol	160	136		ug/L		85	47 - 150	1	30
4-Bromophenyl phenyl ether	80.0	67.5		ug/L		84	59 - 117	2	30
4-Chloro-3-methylphenol	80.0	59.5		ug/L		74	61 - 100	1	30
4-Chloroaniline	80.0	57.7		ug/L		72	42 - 114	0	30
4-Chlorophenyl phenyl ether	80.0	68.0		ug/L		85	63 - 113	2	30
4-Methylphenol	80.0	45.4		ug/L		57	42 - 79	2	30
4-Nitroaniline	80.0	70.4		ug/L		88	58 - 120	3	30
4-Nitrophenol	160	52.8		ug/L		33	14 - 54	4	30
Acenaphthene	80.0	71.6		ug/L		89	60 - 110	2	30
Acenaphthylene	80.0	64.0		ug/L		80	64 - 109	1	30
Acetophenone	80.0	64.4		ug/L		81	66 - 111	1	30
Anthracene	80.0	68.5		ug/L		86	65 - 109	0	30
Atrazine	40.0	69.0 *		ug/L		173	24 - 150	0	30
Benzaldehyde	40.0	57.0		ug/L		142	16 - 150	0	30
Benzo[a]anthracene	80.0	69.4		ug/L		87	62 - 106	3	30
Benzo[a]pyrene	80.0	64.0		ug/L		80	66 - 127	1	30
Benzo[b]fluoranthene	80.0	69.2		ug/L		87	66 - 125	4	30
Benzo[g,h,i]perylene	80.0	70.7		ug/L		88	49 - 149	1	30
Benzo[k]fluoranthene	80.0	72.0		ug/L		90	64 - 125	4	30
Bis(2-chloroethoxy)methane	80.0	65.8		ug/L		82	64 - 107	1	30
Bis(2-chloroethyl)ether	80.0	64.8		ug/L		81	63 - 110	1	30
Bis(2-ethylhexyl) phthalate	80.0	70.6		ug/L		88	60 - 120	1	30
Butyl benzyl phthalate	80.0	72.7		ug/L		91	58 - 119	1	30
Caprolactam	40.0	16.7		ug/L		42	10 - 73	0	30
Carbazole	80.0	69.0		ug/L		86	65 - 109	0	30
Chrysene	80.0	67.3		ug/L		84	63 - 108	1	30
Dibenz(a,h)anthracene	80.0	73.9		ug/L		92	55 - 150	0	30
Dibenzofuran	80.0	68.2		ug/L		85	66 - 109	2	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-832410/3-A
Matrix: Water
Analysis Batch: 832536

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832410

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diethyl phthalate	80.0	70.2		ug/L		88	69 - 112	2	30
Dimethyl phthalate	80.0	70.0		ug/L		88	70 - 112	2	30
Di-n-butyl phthalate	80.0	72.3		ug/L		90	66 - 110	1	30
Di-n-octyl phthalate	80.0	73.6		ug/L		92	54 - 128	0	30
Fluoranthene	80.0	68.9		ug/L		86	65 - 113	0	30
Fluorene	80.0	69.5		ug/L		87	65 - 111	1	30
Hexachlorobenzene	80.0	67.2		ug/L		84	61 - 117	0	30
Hexachlorobutadiene	80.0	52.5		ug/L		66	10 - 133	0	30
Hexachlorocyclopentadiene	80.0	53.2		ug/L		67	10 - 123	2	30
Hexachloroethane	80.0	51.1		ug/L		64	17 - 115	1	30
Indeno[1,2,3-cd]pyrene	80.0	72.5		ug/L		91	54 - 150	1	30
Isophorone	80.0	66.8		ug/L		84	68 - 114	0	30
Naphthalene	80.0	60.1		ug/L		75	58 - 105	0	30
Nitrobenzene	80.0	68.2		ug/L		85	71 - 116	2	30
N-Nitrosodi-n-propylamine	80.0	68.6		ug/L		86	60 - 119	0	30
N-Nitrosodiphenylamine	80.0	68.4		ug/L		85	63 - 109	0	30
Pentachlorophenol	160	140		ug/L		88	54 - 131	2	30
Phenanthrene	80.0	68.1		ug/L		85	65 - 108	0	30
Phenol	80.0	26.3		ug/L		33	20 - 50	1	30
Pyrene	80.0	68.6		ug/L		86	54 - 114	3	30

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	93		33 - 150
2-Fluorobiphenyl	91		42 - 127
2-Fluorophenol (Surr)	47		18 - 72
Nitrobenzene-d5 (Surr)	90		46 - 137
Phenol-d5 (Surr)	32		10 - 50
Terphenyl-d14 (Surr)	94		39 - 150

Lab Sample ID: MB 460-832595/1-A
Matrix: Solid
Analysis Batch: 832658

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832595

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1'-Biphenyl	0.33	U	0.33	0.0044	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.0060	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
2,4-Dimethylphenol	0.33	U	0.33	0.015	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
2-Chloronaphthalene	0.33	U	0.33	0.015	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		03/10/22 00:59	03/10/22 09:59	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-832595/1-A
Matrix: Solid
Analysis Batch: 832658

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832595

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
2-Nitroaniline	0.33	U	0.33	0.012	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
3-Nitroaniline	0.33	U	0.33	0.037	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
4-Nitroaniline	0.33	U	0.33	0.038	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Acenaphthylene	0.33	U	0.33	0.0033	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Benzo[a]anthracene	0.033	U	0.033	0.012	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.026	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Chrysene	0.33	U	0.33	0.0056	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Dibenzofuran	0.33	U	0.33	0.0046	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Diethyl phthalate	0.33	U	0.33	0.0048	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Fluorene	0.33	U	0.33	0.0045	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Nitrobenzene	0.033	U	0.033	0.0079	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		03/10/22 00:59	03/10/22 09:59	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-832595/1-A
Matrix: Solid
Analysis Batch: 832658

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832595

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Phenanthrene	0.33	U	0.33	0.0058	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Phenol	0.33	U	0.33	0.012	mg/Kg		03/10/22 00:59	03/10/22 09:59	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		03/10/22 00:59	03/10/22 09:59	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol (Surr)	76		10 - 123	03/10/22 00:59	03/10/22 09:59	1
2-Fluorobiphenyl	77		14 - 103	03/10/22 00:59	03/10/22 09:59	1
2-Fluorophenol (Surr)	79		10 - 105	03/10/22 00:59	03/10/22 09:59	1
Nitrobenzene-d5 (Surr)	82		11 - 104	03/10/22 00:59	03/10/22 09:59	1
Phenol-d5 (Surr)	82		15 - 100	03/10/22 00:59	03/10/22 09:59	1
Terphenyl-d14 (Surr)	86		12 - 126	03/10/22 00:59	03/10/22 09:59	1

Lab Sample ID: LCS 460-832595/2-A
Matrix: Solid
Analysis Batch: 832658

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832595

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1'-Biphenyl	3.33	2.89		mg/Kg		87	65 - 110
1,2,4,5-Tetrachlorobenzene	3.33	2.86		mg/Kg		86	64 - 110
1,4-Dioxane	3.33	2.65		mg/Kg		79	31 - 81
2,2'-oxybis[1-chloropropane]	3.33	3.17		mg/Kg		95	49 - 109
2,3,4,6-Tetrachlorophenol	3.33	2.84		mg/Kg		85	58 - 113
2,4,5-Trichlorophenol	3.33	2.85		mg/Kg		86	64 - 112
2,4,6-Trichlorophenol	3.33	2.83		mg/Kg		85	63 - 113
2,4-Dichlorophenol	3.33	2.71		mg/Kg		81	66 - 113
2,4-Dimethylphenol	3.33	2.67		mg/Kg		80	63 - 107
2,4-Dinitrophenol	6.67	5.25		mg/Kg		79	25 - 150
2,4-Dinitrotoluene	3.33	3.09		mg/Kg		93	65 - 124
2,6-Dinitrotoluene	3.33	3.07		mg/Kg		92	67 - 121
2-Chloronaphthalene	3.33	2.88		mg/Kg		86	65 - 109
2-Chlorophenol	3.33	2.76		mg/Kg		83	63 - 106
2-Methylnaphthalene	3.33	2.62		mg/Kg		79	64 - 108
2-Methylphenol	3.33	2.79		mg/Kg		84	63 - 108
2-Nitroaniline	3.33	3.42		mg/Kg		103	59 - 119
2-Nitrophenol	3.33	2.76		mg/Kg		83	64 - 112
3,3'-Dichlorobenzidine	3.33	2.89		mg/Kg		87	17 - 101
3-Nitroaniline	3.33	3.11		mg/Kg		93	31 - 102
4,6-Dinitro-2-methylphenol	6.67	5.52		mg/Kg		83	44 - 136
4-Bromophenyl phenyl ether	3.33	2.67		mg/Kg		80	67 - 113
4-Chloro-3-methylphenol	3.33	2.98		mg/Kg		90	66 - 114
4-Chloroaniline	3.33	2.75		mg/Kg		82	20 - 98
4-Chlorophenyl phenyl ether	3.33	2.95		mg/Kg		88	66 - 110
4-Methylphenol	3.33	2.87		mg/Kg		86	61 - 108
4-Nitroaniline	3.33	2.99		mg/Kg		90	50 - 110
4-Nitrophenol	6.67	6.49		mg/Kg		97	47 - 123
Acenaphthene	3.33	2.52		mg/Kg		76	53 - 110

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-832595/2-A

Matrix: Solid

Analysis Batch: 832658

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 832595

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthylene	3.33	2.73		mg/Kg		82	64 - 108
Acetophenone	3.33	2.84		mg/Kg		85	61 - 103
Anthracene	3.33	2.80		mg/Kg		84	67 - 114
Atrazine	1.33	1.33		mg/Kg		100	44 - 145
Benzaldehyde	1.33	1.29		mg/Kg		97	43 - 150
Benzo[a]anthracene	3.33	2.81		mg/Kg		84	67 - 115
Benzo[a]pyrene	3.33	2.77		mg/Kg		83	73 - 123
Benzo[b]fluoranthene	3.33	2.91		mg/Kg		87	70 - 125
Benzo[g,h,i]perylene	3.33	2.91		mg/Kg		87	61 - 113
Benzo[k]fluoranthene	3.33	3.10		mg/Kg		93	67 - 115
Bis(2-chloroethoxy)methane	3.33	2.88		mg/Kg		86	62 - 107
Bis(2-chloroethyl)ether	3.33	2.95		mg/Kg		89	60 - 107
Bis(2-ethylhexyl) phthalate	3.33	2.96		mg/Kg		89	59 - 111
Butyl benzyl phthalate	3.33	3.02		mg/Kg		91	62 - 113
Caprolactam	1.33	1.54		mg/Kg		115	59 - 140
Carbazole	3.33	2.81		mg/Kg		84	64 - 113
Chrysene	3.33	2.85		mg/Kg		85	71 - 122
Dibenz(a,h)anthracene	3.33	3.05		mg/Kg		92	66 - 119
Dibenzofuran	3.33	2.87		mg/Kg		86	65 - 108
Diethyl phthalate	3.33	3.01		mg/Kg		90	63 - 109
Dimethyl phthalate	3.33	3.00		mg/Kg		90	65 - 109
Di-n-butyl phthalate	3.33	2.92		mg/Kg		88	66 - 114
Di-n-octyl phthalate	3.33	3.12		mg/Kg		94	65 - 122
Fluoranthene	3.33	2.88		mg/Kg		86	61 - 106
Fluorene	3.33	2.95		mg/Kg		88	65 - 109
Hexachlorobenzene	3.33	2.75		mg/Kg		82	61 - 113
Hexachlorobutadiene	3.33	2.63		mg/Kg		79	62 - 109
Hexachlorocyclopentadiene	3.33	2.49		mg/Kg		75	42 - 118
Hexachloroethane	3.33	2.81		mg/Kg		84	61 - 102
Indeno[1,2,3-cd]pyrene	3.33	3.21		mg/Kg		96	62 - 121
Isophorone	3.33	3.02		mg/Kg		90	63 - 107
Naphthalene	3.33	2.70		mg/Kg		81	63 - 106
Nitrobenzene	3.33	2.79		mg/Kg		84	63 - 110
N-Nitrosodi-n-propylamine	3.33	3.14		mg/Kg		94	61 - 108
N-Nitrosodiphenylamine	3.33	2.72		mg/Kg		81	67 - 113
Pentachlorophenol	6.67	4.46		mg/Kg		67	44 - 126
Phenanthrene	3.33	2.78		mg/Kg		84	66 - 112
Phenol	3.33	3.00		mg/Kg		90	63 - 110
Pyrene	3.33	2.85		mg/Kg		85	61 - 111

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	78		10 - 123
2-Fluorobiphenyl	77		14 - 103
2-Fluorophenol (Surr)	76		10 - 105
Nitrobenzene-d5 (Surr)	80		11 - 104
Phenol-d5 (Surr)	79		15 - 100
Terphenyl-d14 (Surr)	82		12 - 126

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-832595/3-A

Matrix: Solid

Analysis Batch: 832658

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 832595

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit	
1,1'-Biphenyl	3.33	2.65		mg/Kg		80	65 - 110	8		30
1,2,4,5-Tetrachlorobenzene	3.33	2.62		mg/Kg		79	64 - 110	9		30
1,4-Dioxane	3.33	2.43		mg/Kg		73	31 - 81	9		30
2,2'-oxybis[1-chloropropane]	3.33	2.99		mg/Kg		90	49 - 109	6		30
2,3,4,6-Tetrachlorophenol	3.33	2.61		mg/Kg		78	58 - 113	8		30
2,4,5-Trichlorophenol	3.33	2.65		mg/Kg		79	64 - 112	7		30
2,4,6-Trichlorophenol	3.33	2.63		mg/Kg		79	63 - 113	7		30
2,4-Dichlorophenol	3.33	2.55		mg/Kg		76	66 - 113	6		30
2,4-Dimethylphenol	3.33	2.49		mg/Kg		75	63 - 107	7		30
2,4-Dinitrophenol	6.67	5.05		mg/Kg		76	25 - 150	4		30
2,4-Dinitrotoluene	3.33	2.89		mg/Kg		87	65 - 124	7		30
2,6-Dinitrotoluene	3.33	2.83		mg/Kg		85	67 - 121	8		30
2-Chloronaphthalene	3.33	2.66		mg/Kg		80	65 - 109	8		30
2-Chlorophenol	3.33	2.59		mg/Kg		78	63 - 106	6		30
2-Methylnaphthalene	3.33	2.40		mg/Kg		72	64 - 108	8		30
2-Methylphenol	3.33	2.68		mg/Kg		80	63 - 108	4		30
2-Nitroaniline	3.33	3.15		mg/Kg		94	59 - 119	8		30
2-Nitrophenol	3.33	2.55		mg/Kg		76	64 - 112	8		30
3,3'-Dichlorobenzidine	3.33	2.71		mg/Kg		81	17 - 101	7		30
3-Nitroaniline	3.33	2.85		mg/Kg		85	31 - 102	9		30
4,6-Dinitro-2-methylphenol	6.67	5.16		mg/Kg		77	44 - 136	7		30
4-Bromophenyl phenyl ether	3.33	2.49		mg/Kg		75	67 - 113	7		30
4-Chloro-3-methylphenol	3.33	2.79		mg/Kg		84	66 - 114	7		30
4-Chloroaniline	3.33	2.59		mg/Kg		78	20 - 98	6		30
4-Chlorophenyl phenyl ether	3.33	2.67		mg/Kg		80	66 - 110	10		30
4-Methylphenol	3.33	2.67		mg/Kg		80	61 - 108	7		30
4-Nitroaniline	3.33	2.74		mg/Kg		82	50 - 110	9		30
4-Nitrophenol	6.67	6.21		mg/Kg		93	47 - 123	4		30
Acenaphthene	3.33	2.34		mg/Kg		70	53 - 110	7		30
Acenaphthylene	3.33	2.47		mg/Kg		74	64 - 108	10		30
Acetophenone	3.33	2.68		mg/Kg		80	61 - 103	6		30
Anthracene	3.33	2.60		mg/Kg		78	67 - 114	7		30
Atrazine	1.33	1.27		mg/Kg		95	44 - 145	5		30
Benzaldehyde	1.33	1.24		mg/Kg		93	43 - 150	4		30
Benzo[a]anthracene	3.33	2.64		mg/Kg		79	67 - 115	6		30
Benzo[a]pyrene	3.33	2.52		mg/Kg		76	73 - 123	9		30
Benzo[b]fluoranthene	3.33	2.71		mg/Kg		81	70 - 125	7		30
Benzo[g,h,i]perylene	3.33	2.73		mg/Kg		82	61 - 113	6		30
Benzo[k]fluoranthene	3.33	2.84		mg/Kg		85	67 - 115	9		30
Bis(2-chloroethoxy)methane	3.33	2.65		mg/Kg		80	62 - 107	8		30
Bis(2-chloroethyl)ether	3.33	2.74		mg/Kg		82	60 - 107	8		30
Bis(2-ethylhexyl) phthalate	3.33	2.77		mg/Kg		83	59 - 111	7		30
Butyl benzyl phthalate	3.33	2.83		mg/Kg		85	62 - 113	6		30
Caprolactam	1.33	1.45		mg/Kg		109	59 - 140	6		30
Carbazole	3.33	2.60		mg/Kg		78	64 - 113	8		30
Chrysene	3.33	2.67		mg/Kg		80	71 - 122	6		30
Dibenz(a,h)anthracene	3.33	2.85		mg/Kg		85	66 - 119	7		30
Dibenzofuran	3.33	2.67		mg/Kg		80	65 - 108	7		30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-832595/3-A
Matrix: Solid
Analysis Batch: 832658

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832595

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Diethyl phthalate	3.33	2.80		mg/Kg		84	63 - 109	7	30	
Dimethyl phthalate	3.33	2.77		mg/Kg		83	65 - 109	8	30	
Di-n-butyl phthalate	3.33	2.69		mg/Kg		81	66 - 114	8	30	
Di-n-octyl phthalate	3.33	2.91		mg/Kg		87	65 - 122	7	30	
Fluoranthene	3.33	2.67		mg/Kg		80	61 - 106	8	30	
Fluorene	3.33	2.73		mg/Kg		82	65 - 109	8	30	
Hexachlorobenzene	3.33	2.61		mg/Kg		78	61 - 113	5	30	
Hexachlorobutadiene	3.33	2.49		mg/Kg		75	62 - 109	6	30	
Hexachlorocyclopentadiene	3.33	2.35		mg/Kg		70	42 - 118	6	30	
Hexachloroethane	3.33	2.75		mg/Kg		82	61 - 102	2	30	
Indeno[1,2,3-cd]pyrene	3.33	2.89		mg/Kg		87	62 - 121	10	30	
Isophorone	3.33	2.81		mg/Kg		84	63 - 107	7	30	
Naphthalene	3.33	2.54		mg/Kg		76	63 - 106	6	30	
Nitrobenzene	3.33	2.71		mg/Kg		81	63 - 110	3	30	
N-Nitrosodi-n-propylamine	3.33	2.98		mg/Kg		89	61 - 108	5	30	
N-Nitrosodiphenylamine	3.33	2.61		mg/Kg		78	67 - 113	4	30	
Pentachlorophenol	6.67	4.27		mg/Kg		64	44 - 126	4	30	
Phenanthrene	3.33	2.64		mg/Kg		79	66 - 112	5	30	
Phenol	3.33	2.80		mg/Kg		84	63 - 110	7	30	
Pyrene	3.33	2.66		mg/Kg		80	61 - 111	7	30	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	76		10 - 123
2-Fluorobiphenyl	72		14 - 103
2-Fluorophenol (Surr)	71		10 - 105
Nitrobenzene-d5 (Surr)	75		11 - 104
Phenol-d5 (Surr)	76		15 - 100
Terphenyl-d14 (Surr)	77		12 - 126

Lab Sample ID: 460-253352-A-4-B MS
Matrix: Solid
Analysis Batch: 832658

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 832595

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec.	
				Result	Qualifier				Limits	RPD
1,1'-Biphenyl	0.26	J	3.80	4.11		mg/Kg	⊛	101	65 - 110	
1,2,4,5-Tetrachlorobenzene	0.38	U	3.80	3.78		mg/Kg	⊛	99	64 - 110	
1,4-Dioxane	0.038	U	3.80	2.61		mg/Kg	⊛	69	31 - 81	
2,2'-oxybis[1-chloropropane]	0.38	U	3.80	3.82		mg/Kg	⊛	101	49 - 109	
2,3,4,6-Tetrachlorophenol	0.38	U	3.80	3.54		mg/Kg	⊛	93	58 - 113	
2,4,5-Trichlorophenol	0.38	U	3.80	3.73		mg/Kg	⊛	98	64 - 112	
2,4,6-Trichlorophenol	0.15	U	3.80	3.58		mg/Kg	⊛	94	63 - 113	
2,4-Dichlorophenol	0.15	U	3.80	3.60		mg/Kg	⊛	95	66 - 113	
2,4-Dimethylphenol	0.38	U	3.80	3.52		mg/Kg	⊛	93	63 - 107	
2,4-Dinitrophenol	0.30	U	7.60	6.33		mg/Kg	⊛	83	25 - 150	
2,4-Dinitrotoluene	0.076	U	3.80	3.75		mg/Kg	⊛	99	65 - 124	
2,6-Dinitrotoluene	0.076	U	3.80	3.83		mg/Kg	⊛	101	67 - 121	
2-Chloronaphthalene	0.38	U	3.80	3.49		mg/Kg	⊛	92	65 - 109	
2-Chlorophenol	0.38	U	3.80	3.27		mg/Kg	⊛	86	63 - 106	

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-253352-A-4-B MS
Matrix: Solid
Analysis Batch: 832658

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 832595

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
2-Methylnaphthalene	0.64		3.80	4.12		mg/Kg	☼	91	64 - 108
2-Methylphenol	0.38	U	3.80	3.37		mg/Kg	☼	89	63 - 108
2-Nitroaniline	0.38	U	3.80	3.89		mg/Kg	☼	102	59 - 119
2-Nitrophenol	0.38	U	3.80	3.53		mg/Kg	☼	93	64 - 112
3,3'-Dichlorobenzidine	0.15	U	3.80	2.65		mg/Kg	☼	70	17 - 101
3-Nitroaniline	0.38	U	3.80	3.39		mg/Kg	☼	89	31 - 102
4,6-Dinitro-2-methylphenol	0.30	U	7.60	6.86		mg/Kg	☼	90	44 - 136
4-Bromophenyl phenyl ether	0.38	U	3.80	3.56		mg/Kg	☼	94	67 - 113
4-Chloro-3-methylphenol	0.38	U	3.80	3.56		mg/Kg	☼	94	66 - 114
4-Chloroaniline	0.38	U	3.80	2.08		mg/Kg	☼	55	20 - 98
4-Chlorophenyl phenyl ether	0.38	U	3.80	3.75		mg/Kg	☼	99	66 - 110
4-Methylphenol	0.38	U	3.80	3.39		mg/Kg	☼	89	61 - 108
4-Nitroaniline	0.38	U	3.80	3.43		mg/Kg	☼	90	50 - 110
4-Nitrophenol	0.76	U	7.60	7.91		mg/Kg	☼	104	47 - 123
Acenaphthene	0.38	U	3.80	3.23		mg/Kg	☼	85	53 - 110
Acenaphthylene	0.38	U	3.80	3.47		mg/Kg	☼	91	64 - 108
Acetophenone	0.38	U	3.80	5.18	*	mg/Kg	☼	136	61 - 103
Anthracene	0.38	U	3.80	3.48		mg/Kg	☼	92	67 - 114
Atrazine	0.15	U	1.52	2.07		mg/Kg	☼	136	44 - 145
Benzaldehyde	0.38	U	1.52	2.57	E *	mg/Kg	☼	169	43 - 150
Benzo[a]anthracene	0.021	J	3.80	3.53		mg/Kg	☼	92	67 - 115
Benzo[a]pyrene	0.014	J	3.80	3.42		mg/Kg	☼	90	73 - 123
Benzo[b]fluoranthene	0.021	J	3.80	3.74		mg/Kg	☼	98	70 - 125
Benzo[g,h,i]perylene	0.38	U	3.80	3.79		mg/Kg	☼	100	61 - 113
Benzo[k]fluoranthene	0.0090	J	3.80	3.62		mg/Kg	☼	95	67 - 115
Bis(2-chloroethoxy)methane	0.38	U	3.80	3.79		mg/Kg	☼	100	62 - 107
Bis(2-chloroethyl)ether	0.038	U	3.80	3.45		mg/Kg	☼	91	60 - 107
Bis(2-ethylhexyl) phthalate	0.38	U	3.80	3.66		mg/Kg	☼	96	59 - 111
Butyl benzyl phthalate	0.38	U	3.80	3.73		mg/Kg	☼	98	62 - 113
Caprolactam	0.38	U	1.52	1.44		mg/Kg	☼	95	59 - 140
Carbazole	0.38	U	3.80	3.41		mg/Kg	☼	90	64 - 113
Chrysene	0.021	J	3.80	3.52		mg/Kg	☼	92	71 - 122
Dibenz(a,h)anthracene	0.038	U	3.80	3.90		mg/Kg	☼	103	66 - 119
Dibenzofuran	0.38	U	3.80	3.68		mg/Kg	☼	97	65 - 108
Diethyl phthalate	0.38	U	3.80	3.68		mg/Kg	☼	97	63 - 109
Dimethyl phthalate	0.38	U	3.80	3.68		mg/Kg	☼	97	65 - 109
Di-n-butyl phthalate	0.38	U	3.80	3.58		mg/Kg	☼	94	66 - 114
Di-n-octyl phthalate	0.38	U	3.80	3.72		mg/Kg	☼	98	65 - 122
Fluoranthene	0.027	J	3.80	3.60		mg/Kg	☼	94	61 - 106
Fluorene	0.38	U	3.80	3.86		mg/Kg	☼	102	65 - 109
Hexachlorobenzene	0.038	U	3.80	3.59		mg/Kg	☼	94	61 - 113
Hexachlorobutadiene	0.076	U	3.80	3.53		mg/Kg	☼	93	62 - 109
Hexachlorocyclopentadiene	0.38	U	3.80	3.30		mg/Kg	☼	87	42 - 118
Hexachloroethane	0.038	U	3.80	3.30		mg/Kg	☼	87	61 - 102
Indeno[1,2,3-cd]pyrene	0.038	U	3.80	4.06		mg/Kg	☼	107	62 - 121
Isophorone	0.15	U	3.80	4.26	*	mg/Kg	☼	112	63 - 107
Naphthalene	0.38	U	3.80	3.89		mg/Kg	☼	102	63 - 106
Nitrobenzene	0.038	U	3.80	3.33		mg/Kg	☼	88	63 - 110
N-Nitrosodi-n-propylamine	0.038	U	3.80	4.29	*	mg/Kg	☼	113	61 - 108

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-253352-A-4-B MS
Matrix: Solid
Analysis Batch: 832658

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 832595

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
N-Nitrosodiphenylamine	0.38	U	3.80	3.98		mg/Kg	☼	105	67 - 113
Pentachlorophenol	0.30	U	7.60	5.87		mg/Kg	☼	77	44 - 126
Phenanthrene	0.10	J	3.80	3.61		mg/Kg	☼	92	66 - 112
Phenol	0.38	U	3.80	3.56		mg/Kg	☼	94	63 - 110
Pyrene	0.13	J	3.80	3.72		mg/Kg	☼	94	61 - 111

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	94		10 - 123
2-Fluorobiphenyl	93		14 - 103
2-Fluorophenol (Surr)	82		10 - 105
Nitrobenzene-d5 (Surr)	101		11 - 104
Phenol-d5 (Surr)	86		15 - 100
Terphenyl-d14 (Surr)	93		12 - 126

Lab Sample ID: 460-253352-A-4-C MSD
Matrix: Solid
Analysis Batch: 832658

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 832595

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1'-Biphenyl	0.26	J	3.81	4.21		mg/Kg	☼	104	65 - 110	2	30
1,2,4,5-Tetrachlorobenzene	0.38	U	3.81	3.91		mg/Kg	☼	103	64 - 110	4	30
1,4-Dioxane	0.038	U	3.81	3.12	*	mg/Kg	☼	82	31 - 81	18	30
2,2'-oxybis[1-chloropropane]	0.38	U	3.81	4.34	*	mg/Kg	☼	114	49 - 109	13	30
2,3,4,6-Tetrachlorophenol	0.38	U	3.81	3.65		mg/Kg	☼	96	58 - 113	3	30
2,4,5-Trichlorophenol	0.38	U	3.81	3.77		mg/Kg	☼	99	64 - 112	1	30
2,4,6-Trichlorophenol	0.15	U	3.81	3.64		mg/Kg	☼	96	63 - 113	2	30
2,4-Dichlorophenol	0.15	U	3.81	3.93		mg/Kg	☼	103	66 - 113	9	30
2,4-Dimethylphenol	0.38	U	3.81	3.78		mg/Kg	☼	99	63 - 107	7	30
2,4-Dinitrophenol	0.30	U	7.61	6.46		mg/Kg	☼	85	25 - 150	2	30
2,4-Dinitrotoluene	0.076	U	3.81	3.93		mg/Kg	☼	103	65 - 124	4	30
2,6-Dinitrotoluene	0.076	U	3.81	3.88		mg/Kg	☼	102	67 - 121	1	30
2-Chloronaphthalene	0.38	U	3.81	3.62		mg/Kg	☼	95	65 - 109	4	30
2-Chlorophenol	0.38	U	3.81	3.81		mg/Kg	☼	100	63 - 106	15	30
2-Methylnaphthalene	0.64		3.81	4.50		mg/Kg	☼	101	64 - 108	9	30
2-Methylphenol	0.38	U	3.81	3.74		mg/Kg	☼	98	63 - 108	10	30
2-Nitroaniline	0.38	U	3.81	4.34		mg/Kg	☼	114	59 - 119	11	30
2-Nitrophenol	0.38	U	3.81	3.88		mg/Kg	☼	102	64 - 112	9	30
3,3'-Dichlorobenzidine	0.15	U	3.81	2.81		mg/Kg	☼	74	17 - 101	6	30
3-Nitroaniline	0.38	U	3.81	3.62		mg/Kg	☼	95	31 - 102	6	30
4,6-Dinitro-2-methylphenol	0.30	U	7.61	7.35		mg/Kg	☼	97	44 - 136	7	30
4-Bromophenyl phenyl ether	0.38	U	3.81	3.74		mg/Kg	☼	98	67 - 113	5	30
4-Chloro-3-methylphenol	0.38	U	3.81	3.80		mg/Kg	☼	100	66 - 114	7	30
4-Chloroaniline	0.38	U	3.81	2.30		mg/Kg	☼	60	20 - 98	10	30
4-Chlorophenyl phenyl ether	0.38	U	3.81	3.77		mg/Kg	☼	99	66 - 110	1	30
4-Methylphenol	0.38	U	3.81	3.72		mg/Kg	☼	98	61 - 108	9	30
4-Nitroaniline	0.38	U	3.81	3.50		mg/Kg	☼	92	50 - 110	2	30
4-Nitrophenol	0.76	U	7.61	8.14		mg/Kg	☼	107	47 - 123	3	30
Acenaphthene	0.38	U	3.81	3.29		mg/Kg	☼	86	53 - 110	2	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-253352-A-4-C MSD

Matrix: Solid

Analysis Batch: 832658

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 832595

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Acenaphthylene	0.38	U	3.81	3.60		mg/Kg	☼	95	64 - 108	4	30
Acetophenone	0.38	U	3.81	5.90	*	mg/Kg	☼	155	61 - 103	13	30
Anthracene	0.38	U	3.81	3.71		mg/Kg	☼	97	67 - 114	6	30
Atrazine	0.15	U	1.52	2.14		mg/Kg	☼	141	44 - 145	4	30
Benzaldehyde	0.38	U	1.52	2.86	E *	mg/Kg	☼	188	43 - 150	11	30
Benzo[a]anthracene	0.021	J	3.81	3.85		mg/Kg	☼	100	67 - 115	9	30
Benzo[a]pyrene	0.014	J	3.81	3.67		mg/Kg	☼	96	73 - 123	7	30
Benzo[b]fluoranthene	0.021	J	3.81	3.77		mg/Kg	☼	99	70 - 125	1	30
Benzo[g,h,i]perylene	0.38	U	3.81	4.05		mg/Kg	☼	106	61 - 113	7	30
Benzo[k]fluoranthene	0.0090	J	3.81	4.14		mg/Kg	☼	109	67 - 115	13	30
Bis(2-chloroethoxy)methane	0.38	U	3.81	4.10	*	mg/Kg	☼	108	62 - 107	8	30
Bis(2-chloroethyl)ether	0.038	U	3.81	3.98		mg/Kg	☼	105	60 - 107	14	30
Bis(2-ethylhexyl) phthalate	0.38	U	3.81	3.93		mg/Kg	☼	103	59 - 111	7	30
Butyl benzyl phthalate	0.38	U	3.81	3.96		mg/Kg	☼	104	62 - 113	6	30
Caprolactam	0.38	U	1.52	1.49		mg/Kg	☼	98	59 - 140	3	30
Carbazole	0.38	U	3.81	3.67		mg/Kg	☼	96	64 - 113	7	30
Chrysene	0.021	J	3.81	3.70		mg/Kg	☼	97	71 - 122	5	30
Dibenz(a,h)anthracene	0.038	U	3.81	4.15		mg/Kg	☼	109	66 - 119	6	30
Dibenzofuran	0.38	U	3.81	3.85		mg/Kg	☼	101	65 - 108	4	30
Diethyl phthalate	0.38	U	3.81	3.76		mg/Kg	☼	99	63 - 109	2	30
Dimethyl phthalate	0.38	U	3.81	3.71		mg/Kg	☼	98	65 - 109	1	30
Di-n-butyl phthalate	0.38	U	3.81	3.78		mg/Kg	☼	99	66 - 114	5	30
Di-n-octyl phthalate	0.38	U	3.81	3.97		mg/Kg	☼	104	65 - 122	7	30
Fluoranthene	0.027	J	3.81	3.77		mg/Kg	☼	98	61 - 106	5	30
Fluorene	0.38	U	3.81	3.97		mg/Kg	☼	104	65 - 109	3	30
Hexachlorobenzene	0.038	U	3.81	3.82		mg/Kg	☼	100	61 - 113	6	30
Hexachlorobutadiene	0.076	U	3.81	3.85		mg/Kg	☼	101	62 - 109	9	30
Hexachlorocyclopentadiene	0.38	U	3.81	3.41		mg/Kg	☼	90	42 - 118	3	30
Hexachloroethane	0.038	U	3.81	3.86		mg/Kg	☼	101	61 - 102	16	30
Indeno[1,2,3-cd]pyrene	0.038	U	3.81	4.21		mg/Kg	☼	111	62 - 121	4	30
Isophorone	0.15	U	3.81	4.59	*	mg/Kg	☼	121	63 - 107	8	30
Naphthalene	0.38	U	3.81	4.25	*	mg/Kg	☼	112	63 - 106	9	30
Nitrobenzene	0.038	U	3.81	3.65		mg/Kg	☼	96	63 - 110	9	30
N-Nitrosodi-n-propylamine	0.038	U	3.81	4.40	*	mg/Kg	☼	116	61 - 108	2	30
N-Nitrosodiphenylamine	0.38	U	3.81	4.15		mg/Kg	☼	109	67 - 113	4	30
Pentachlorophenol	0.30	U	7.61	6.14		mg/Kg	☼	81	44 - 126	5	30
Phenanthrene	0.10	J	3.81	3.77		mg/Kg	☼	96	66 - 112	4	30
Phenol	0.38	U	3.81	3.96		mg/Kg	☼	104	63 - 110	11	30
Pyrene	0.13	J	3.81	4.00		mg/Kg	☼	102	61 - 111	7	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	93		10 - 123
2-Fluorobiphenyl	90		14 - 103
2-Fluorophenol (Surr)	93		10 - 105
Nitrobenzene-d5 (Surr)	113	*	11 - 104
Phenol-d5 (Surr)	95		15 - 100
Terphenyl-d14 (Surr)	97		12 - 126

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-832596/1-A
Matrix: Solid
Analysis Batch: 832661

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832596

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1'-Biphenyl	0.33	U	0.33	0.0044	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.0060	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
2,4-Dimethylphenol	0.33	U	0.33	0.015	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
2-Chloronaphthalene	0.33	U	0.33	0.015	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
2-Nitroaniline	0.33	U	0.33	0.012	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
3-Nitroaniline	0.33	U	0.33	0.037	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
4-Nitroaniline	0.33	U	0.33	0.038	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Acenaphthylene	0.33	U	0.33	0.0033	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Benzo[a]anthracene	0.033	U	0.033	0.012	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.026	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Chrysene	0.33	U	0.33	0.0056	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Dibenzofuran	0.33	U	0.33	0.0046	mg/Kg		03/10/22 01:03	03/10/22 11:17	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-832596/1-A
Matrix: Solid
Analysis Batch: 832661

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832596

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diethyl phthalate	0.33	U	0.33	0.0048	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Fluorene	0.33	U	0.33	0.0045	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Nitrobenzene	0.033	U	0.033	0.0079	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Phenanthrene	0.33	U	0.33	0.0058	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Phenol	0.33	U	0.33	0.012	mg/Kg		03/10/22 01:03	03/10/22 11:17	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		03/10/22 01:03	03/10/22 11:17	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol (Surr)	85		10 - 123	03/10/22 01:03	03/10/22 11:17	1
2-Fluorobiphenyl	76		14 - 103	03/10/22 01:03	03/10/22 11:17	1
2-Fluorophenol (Surr)	71		10 - 105	03/10/22 01:03	03/10/22 11:17	1
Nitrobenzene-d5 (Surr)	81		11 - 104	03/10/22 01:03	03/10/22 11:17	1
Phenol-d5 (Surr)	79		15 - 100	03/10/22 01:03	03/10/22 11:17	1
Terphenyl-d14 (Surr)	85		12 - 126	03/10/22 01:03	03/10/22 11:17	1

Lab Sample ID: LCS 460-832596/2-A
Matrix: Solid
Analysis Batch: 832661

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832596

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4,5-Tetrachlorobenzene	3.33	2.67		mg/Kg		80	64 - 110
1,4-Dioxane	3.33	2.18		mg/Kg		65	31 - 81
2,2'-oxybis[1-chloropropane]	3.33	2.59		mg/Kg		78	49 - 109
2,3,4,6-Tetrachlorophenol	3.33	2.71		mg/Kg		81	58 - 113
2,4,5-Trichlorophenol	3.33	2.68		mg/Kg		80	64 - 112
2,4,6-Trichlorophenol	3.33	2.58		mg/Kg		77	63 - 113
2,4-Dichlorophenol	3.33	2.58		mg/Kg		78	66 - 113
2,4-Dimethylphenol	3.33	2.55		mg/Kg		76	63 - 107
2,4-Dinitrophenol	6.67	6.35		mg/Kg		95	25 - 150
2,4-Dinitrotoluene	3.33	3.26		mg/Kg		98	65 - 124
2,6-Dinitrotoluene	3.33	3.00		mg/Kg		90	67 - 121
2-Chloronaphthalene	3.33	2.62		mg/Kg		78	65 - 109
2-Chlorophenol	3.33	2.51		mg/Kg		75	63 - 106

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-832596/2-A

Matrix: Solid

Analysis Batch: 832661

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 832596

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylnaphthalene	3.33	2.49		mg/Kg		75	64 - 108
2-Methylphenol	3.33	2.65		mg/Kg		80	63 - 108
2-Nitroaniline	3.33	2.53		mg/Kg		76	59 - 119
2-Nitrophenol	3.33	2.77		mg/Kg		83	64 - 112
3,3'-Dichlorobenzidine	3.33	2.71		mg/Kg		81	17 - 101
3-Nitroaniline	3.33	2.87		mg/Kg		86	31 - 102
4,6-Dinitro-2-methylphenol	6.67	5.84		mg/Kg		88	44 - 136
4-Bromophenyl phenyl ether	3.33	2.66		mg/Kg		80	67 - 113
4-Chloro-3-methylphenol	3.33	2.71		mg/Kg		81	66 - 114
4-Chloroaniline	3.33	2.58		mg/Kg		77	20 - 98
4-Chlorophenyl phenyl ether	3.33	2.77		mg/Kg		83	66 - 110
4-Methylphenol	3.33	2.45		mg/Kg		74	61 - 108
4-Nitroaniline	3.33	2.79		mg/Kg		84	50 - 110
4-Nitrophenol	6.67	5.55		mg/Kg		83	47 - 123
Acenaphthene	3.33	2.48		mg/Kg		74	53 - 110
Acenaphthylene	3.33	2.46		mg/Kg		74	64 - 108
Acetophenone	3.33	2.57		mg/Kg		77	61 - 103
Anthracene	3.33	2.60		mg/Kg		78	67 - 114
Atrazine	1.33	1.24		mg/Kg		93	44 - 145
Benzaldehyde	1.33	1.17		mg/Kg		87	43 - 150
Benzo[a]anthracene	3.33	2.56		mg/Kg		77	67 - 115
Benzo[a]pyrene	3.33	2.48		mg/Kg		74	73 - 123
Benzo[b]fluoranthene	3.33	2.88		mg/Kg		86	70 - 125
Benzo[g,h,i]perylene	3.33	2.71		mg/Kg		81	61 - 113
Benzo[k]fluoranthene	3.33	2.66		mg/Kg		80	67 - 115
Bis(2-chloroethoxy)methane	3.33	2.53		mg/Kg		76	62 - 107
Bis(2-chloroethyl)ether	3.33	2.55		mg/Kg		76	60 - 107
Bis(2-ethylhexyl) phthalate	3.33	2.47		mg/Kg		74	59 - 111
Butyl benzyl phthalate	3.33	2.64		mg/Kg		79	62 - 113
Caprolactam	1.33	1.17		mg/Kg		87	59 - 140
Carbazole	3.33	2.62		mg/Kg		79	64 - 113
Chrysene	3.33	2.65		mg/Kg		80	71 - 122
Dibenz(a,h)anthracene	3.33	2.88		mg/Kg		86	66 - 119
Dibenzofuran	3.33	2.66		mg/Kg		80	65 - 108
Diethyl phthalate	3.33	2.74		mg/Kg		82	63 - 109
Dimethyl phthalate	3.33	2.75		mg/Kg		83	65 - 109
Di-n-butyl phthalate	3.33	2.58		mg/Kg		78	66 - 114
Di-n-octyl phthalate	3.33	2.53		mg/Kg		76	65 - 122
Fluoranthene	3.33	2.68		mg/Kg		80	61 - 106
Fluorene	3.33	2.75		mg/Kg		83	65 - 109
Hexachlorobenzene	3.33	2.74		mg/Kg		82	61 - 113
Hexachlorobutadiene	3.33	2.44		mg/Kg		73	62 - 109
Hexachlorocyclopentadiene	3.33	2.24		mg/Kg		67	42 - 118
Hexachloroethane	3.33	2.50		mg/Kg		75	61 - 102
Indeno[1,2,3-cd]pyrene	3.33	3.04		mg/Kg		91	62 - 121
Isophorone	3.33	2.60		mg/Kg		78	63 - 107
Naphthalene	3.33	2.49		mg/Kg		75	63 - 106
Nitrobenzene	3.33	2.76		mg/Kg		83	63 - 110
N-Nitrosodi-n-propylamine	3.33	2.68		mg/Kg		80	61 - 108

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-832596/2-A

Matrix: Solid

Analysis Batch: 832661

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 832596

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Nitrosodiphenylamine	3.33	2.55		mg/Kg		77	67 - 113
Pentachlorophenol	6.67	3.90		mg/Kg		59	44 - 126
Phenanthrene	3.33	2.58		mg/Kg		77	66 - 112
Phenol	3.33	2.59		mg/Kg		78	63 - 110
Pyrene	3.33	2.66		mg/Kg		80	61 - 111

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	86		10 - 123
2-Fluorobiphenyl	69		14 - 103
2-Fluorophenol (Surr)	67		10 - 105
Nitrobenzene-d5 (Surr)	69		11 - 104
Phenol-d5 (Surr)	71		15 - 100
Terphenyl-d14 (Surr)	76		12 - 126

Lab Sample ID: LCSD 460-832596/3-A

Matrix: Solid

Analysis Batch: 832661

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 832596

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1'-Biphenyl	3.33	2.91		mg/Kg		87	65 - 110	12	30
1,2,4,5-Tetrachlorobenzene	3.33	2.92		mg/Kg		88	64 - 110	9	30
1,4-Dioxane	3.33	2.43		mg/Kg		73	31 - 81	11	30
2,2'-oxybis[1-chloropropane]	3.33	2.92		mg/Kg		88	49 - 109	12	30
2,3,4,6-Tetrachlorophenol	3.33	3.02		mg/Kg		91	58 - 113	11	30
2,4,5-Trichlorophenol	3.33	3.01		mg/Kg		90	64 - 112	11	30
2,4,6-Trichlorophenol	3.33	2.90		mg/Kg		87	63 - 113	12	30
2,4-Dichlorophenol	3.33	2.84		mg/Kg		85	66 - 113	9	30
2,4-Dimethylphenol	3.33	2.80		mg/Kg		84	63 - 107	10	30
2,4-Dinitrophenol	6.67	7.05		mg/Kg		106	25 - 150	11	30
2,4-Dinitrotoluene	3.33	3.55		mg/Kg		106	65 - 124	9	30
2,6-Dinitrotoluene	3.33	3.34		mg/Kg		100	67 - 121	10	30
2-Chloronaphthalene	3.33	2.96		mg/Kg		89	65 - 109	12	30
2-Chlorophenol	3.33	2.88		mg/Kg		87	63 - 106	14	30
2-Methylnaphthalene	3.33	2.74		mg/Kg		82	64 - 108	10	30
2-Methylphenol	3.33	2.95		mg/Kg		88	63 - 108	11	30
2-Nitroaniline	3.33	2.81		mg/Kg		84	59 - 119	11	30
2-Nitrophenol	3.33	3.18		mg/Kg		95	64 - 112	14	30
3,3'-Dichlorobenzidine	3.33	3.06		mg/Kg		92	17 - 101	12	30
3-Nitroaniline	3.33	3.15		mg/Kg		95	31 - 102	9	30
4,6-Dinitro-2-methylphenol	6.67	6.52		mg/Kg		98	44 - 136	11	30
4-Bromophenyl phenyl ether	3.33	2.90		mg/Kg		87	67 - 113	9	30
4-Chloro-3-methylphenol	3.33	2.95		mg/Kg		89	66 - 114	9	30
4-Chloroaniline	3.33	2.89		mg/Kg		87	20 - 98	11	30
4-Chlorophenyl phenyl ether	3.33	3.05		mg/Kg		92	66 - 110	10	30
4-Methylphenol	3.33	2.74		mg/Kg		82	61 - 108	11	30
4-Nitroaniline	3.33	3.09		mg/Kg		93	50 - 110	10	30
4-Nitrophenol	6.67	6.22		mg/Kg		93	47 - 123	11	30
Acenaphthene	3.33	2.76		mg/Kg		83	53 - 110	11	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-832596/3-A

Matrix: Solid

Analysis Batch: 832661

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 832596

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthylene	3.33	2.72		mg/Kg		81	64 - 108	10	30
Acetophenone	3.33	2.88		mg/Kg		86	61 - 103	12	30
Anthracene	3.33	2.90		mg/Kg		87	67 - 114	11	30
Atrazine	1.33	1.38		mg/Kg		103	44 - 145	10	30
Benzaldehyde	1.33	1.32		mg/Kg		99	43 - 150	12	30
Benzo[a]anthracene	3.33	2.85		mg/Kg		85	67 - 115	10	30
Benzo[a]pyrene	3.33	2.73		mg/Kg		82	73 - 123	10	30
Benzo[b]fluoranthene	3.33	3.17		mg/Kg		95	70 - 125	9	30
Benzo[g,h,i]perylene	3.33	3.02		mg/Kg		91	61 - 113	11	30
Benzo[k]fluoranthene	3.33	2.95		mg/Kg		88	67 - 115	10	30
Bis(2-chloroethoxy)methane	3.33	2.85		mg/Kg		85	62 - 107	12	30
Bis(2-chloroethyl)ether	3.33	2.87		mg/Kg		86	60 - 107	12	30
Bis(2-ethylhexyl) phthalate	3.33	2.81		mg/Kg		84	59 - 111	13	30
Butyl benzyl phthalate	3.33	2.89		mg/Kg		87	62 - 113	9	30
Caprolactam	1.33	1.27		mg/Kg		95	59 - 140	8	30
Carbazole	3.33	2.88		mg/Kg		86	64 - 113	9	30
Chrysene	3.33	2.94		mg/Kg		88	71 - 122	10	30
Dibenz(a,h)anthracene	3.33	3.21		mg/Kg		96	66 - 119	11	30
Dibenzofuran	3.33	2.95		mg/Kg		88	65 - 108	10	30
Diethyl phthalate	3.33	3.07		mg/Kg		92	63 - 109	11	30
Dimethyl phthalate	3.33	3.06		mg/Kg		92	65 - 109	11	30
Di-n-butyl phthalate	3.33	2.83		mg/Kg		85	66 - 114	9	30
Di-n-octyl phthalate	3.33	2.79		mg/Kg		84	65 - 122	10	30
Fluoranthene	3.33	2.88		mg/Kg		86	61 - 106	7	30
Fluorene	3.33	3.00		mg/Kg		90	65 - 109	9	30
Hexachlorobenzene	3.33	3.01		mg/Kg		90	61 - 113	9	30
Hexachlorobutadiene	3.33	2.74		mg/Kg		82	62 - 109	11	30
Hexachlorocyclopentadiene	3.33	2.49		mg/Kg		75	42 - 118	11	30
Hexachloroethane	3.33	2.76		mg/Kg		83	61 - 102	10	30
Indeno[1,2,3-cd]pyrene	3.33	3.35		mg/Kg		101	62 - 121	10	30
Isophorone	3.33	2.87		mg/Kg		86	63 - 107	10	30
Naphthalene	3.33	2.80		mg/Kg		84	63 - 106	11	30
Nitrobenzene	3.33	3.02		mg/Kg		91	63 - 110	9	30
N-Nitrosodi-n-propylamine	3.33	3.01		mg/Kg		90	61 - 108	12	30
N-Nitrosodiphenylamine	3.33	2.84		mg/Kg		85	67 - 113	10	30
Pentachlorophenol	6.67	4.38		mg/Kg		66	44 - 126	12	30
Phenanthrene	3.33	2.88		mg/Kg		87	66 - 112	11	30
Phenol	3.33	2.89		mg/Kg		87	63 - 110	11	30
Pyrene	3.33	2.93		mg/Kg		88	61 - 111	10	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	94		10 - 123
2-Fluorobiphenyl	77		14 - 103
2-Fluorophenol (Surr)	71		10 - 105
Nitrobenzene-d5 (Surr)	79		11 - 104
Phenol-d5 (Surr)	80		15 - 100
Terphenyl-d14 (Surr)	86		12 - 126

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-253843-7 MS

Matrix: Solid

Analysis Batch: 832661

Client Sample ID: SB-09_1-3_20220307

Prep Type: Total/NA

Prep Batch: 832596

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1'-Biphenyl	0.016	J	3.73	3.62		mg/Kg	✱	97	65 - 110
1,2,4,5-Tetrachlorobenzene	0.37	U	3.73	3.72		mg/Kg	✱	100	64 - 110
1,4-Dioxane	0.037	U	3.73	2.67		mg/Kg	✱	72	31 - 81
2,2'-oxybis[1-chloropropane]	0.37	U	3.73	3.55		mg/Kg	✱	95	49 - 109
2,3,4,6-Tetrachlorophenol	0.37	U	3.73	3.66		mg/Kg	✱	98	58 - 113
2,4,5-Trichlorophenol	0.37	U	3.73	3.72		mg/Kg	✱	100	64 - 112
2,4,6-Trichlorophenol	0.15	U	3.73	3.56		mg/Kg	✱	96	63 - 113
2,4-Dichlorophenol	0.15	U	3.73	3.56		mg/Kg	✱	95	66 - 113
2,4-Dimethylphenol	0.37	U	3.73	3.50		mg/Kg	✱	94	63 - 107
2,4-Dinitrophenol	0.30	U	7.45	7.58		mg/Kg	✱	102	25 - 150
2,4-Dinitrotoluene	0.075	U	3.73	4.18		mg/Kg	✱	112	65 - 124
2,6-Dinitrotoluene	0.075	U	3.73	4.01		mg/Kg	✱	108	67 - 121
2-Chloronaphthalene	0.37	U	3.73	3.61		mg/Kg	✱	97	65 - 109
2-Chlorophenol	0.37	U	3.73	3.57		mg/Kg	✱	96	63 - 106
2-Methylnaphthalene	0.022	J	3.73	3.40		mg/Kg	✱	91	64 - 108
2-Methylphenol	0.37	U	3.73	3.70		mg/Kg	✱	99	63 - 108
2-Nitroaniline	0.37	U	3.73	3.44		mg/Kg	✱	92	59 - 119
2-Nitrophenol	0.37	U	3.73	3.89		mg/Kg	✱	104	64 - 112
3,3'-Dichlorobenzidine	0.15	U	3.73	2.50		mg/Kg	✱	67	17 - 101
3-Nitroaniline	0.37	U	3.73	3.21		mg/Kg	✱	86	31 - 102
4,6-Dinitro-2-methylphenol	0.30	U	7.45	7.58		mg/Kg	✱	102	44 - 136
4-Bromophenyl phenyl ether	0.37	U	3.73	3.59		mg/Kg	✱	96	67 - 113
4-Chloro-3-methylphenol	0.37	U	3.73	3.59		mg/Kg	✱	96	66 - 114
4-Chloroaniline	0.37	U	3.73	2.26		mg/Kg	✱	61	20 - 98
4-Chlorophenyl phenyl ether	0.37	U	3.73	3.72		mg/Kg	✱	100	66 - 110
4-Methylphenol	0.37	U	3.73	3.40		mg/Kg	✱	91	61 - 108
4-Nitroaniline	0.37	U	3.73	3.47		mg/Kg	✱	93	50 - 110
4-Nitrophenol	0.75	U	7.45	7.29		mg/Kg	✱	98	47 - 123
Acenaphthene	0.37	U	3.73	3.38		mg/Kg	✱	91	53 - 110
Acenaphthylene	0.16	J	3.73	3.55		mg/Kg	✱	91	64 - 108
Acetophenone	0.37	U	3.73	3.46		mg/Kg	✱	93	61 - 103
Anthracene	0.077	J	3.73	3.59		mg/Kg	✱	94	67 - 114
Atrazine	0.15	U	1.49	1.77		mg/Kg	✱	119	44 - 145
Benzaldehyde	0.37	U	1.49	1.65		mg/Kg	✱	111	43 - 150
Benzo[a]anthracene	1.3		3.73	4.77		mg/Kg	✱	93	67 - 115
Benzo[a]pyrene	1.6		3.73	4.92		mg/Kg	✱	88	73 - 123
Benzo[b]fluoranthene	2.1		3.73	5.37		mg/Kg	✱	88	70 - 125
Benzo[g,h,i]perylene	1.5		3.73	4.71		mg/Kg	✱	87	61 - 113
Benzo[k]fluoranthene	0.97		3.73	4.72		mg/Kg	✱	100	67 - 115
Bis(2-chloroethoxy)methane	0.37	U	3.73	3.53		mg/Kg	✱	95	62 - 107
Bis(2-chloroethyl)ether	0.037	U	3.73	3.56		mg/Kg	✱	95	60 - 107
Bis(2-ethylhexyl) phthalate	0.033	J	3.73	3.42		mg/Kg	✱	91	59 - 111
Butyl benzyl phthalate	0.37	U	3.73	3.51		mg/Kg	✱	94	62 - 113
Caprolactam	0.37	U	1.49	1.51		mg/Kg	✱	102	59 - 140
Carbazole	0.058	J	3.73	3.59		mg/Kg	✱	95	64 - 113
Chrysene	1.3		3.73	4.82		mg/Kg	✱	96	71 - 122
Dibenz(a,h)anthracene	0.38		3.73	4.02		mg/Kg	✱	98	66 - 119
Dibenzofuran	0.014	J	3.73	3.65		mg/Kg	✱	98	65 - 108

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-253843-7 MS

Matrix: Solid

Analysis Batch: 832661

Client Sample ID: SB-09_1-3_20220307

Prep Type: Total/NA

Prep Batch: 832596

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier		Added	Result					
Diethyl phthalate	0.37	U	3.73	3.63		mg/Kg	☼	97		63 - 109
Dimethyl phthalate	0.37	U	3.73	3.66		mg/Kg	☼	98		65 - 109
Di-n-butyl phthalate	0.37	U	3.73	3.48		mg/Kg	☼	93		66 - 114
Di-n-octyl phthalate	0.37	U	3.73	3.33		mg/Kg	☼	89		65 - 122
Fluoranthene	1.5		3.73	5.01		mg/Kg	☼	96		61 - 106
Fluorene	0.0075	J	3.73	3.62		mg/Kg	☼	97		65 - 109
Hexachlorobenzene	0.037	U	3.73	3.75		mg/Kg	☼	101		61 - 113
Hexachlorobutadiene	0.075	U	3.73	3.37		mg/Kg	☼	90		62 - 109
Hexachlorocyclopentadiene	0.37	U	3.73	2.71		mg/Kg	☼	73		42 - 118
Hexachloroethane	0.037	U	3.73	3.39		mg/Kg	☼	91		61 - 102
Indeno[1,2,3-cd]pyrene	1.5		3.73	5.79		mg/Kg	☼	114		62 - 121
Isophorone	0.15	U	3.73	3.42		mg/Kg	☼	92		63 - 107
Naphthalene	0.14	J	3.73	3.58		mg/Kg	☼	92		63 - 106
Nitrobenzene	0.037	U	3.73	3.75		mg/Kg	☼	101		63 - 110
N-Nitrosodi-n-propylamine	0.037	U	3.73	3.61		mg/Kg	☼	97		61 - 108
N-Nitrosodiphenylamine	0.37	U	3.73	3.51		mg/Kg	☼	94		67 - 113
Pentachlorophenol	0.30	U	7.45	5.85		mg/Kg	☼	79		44 - 126
Phenanthrene	0.51		3.73	4.01		mg/Kg	☼	94		66 - 112
Phenol	0.37	U	3.73	3.64		mg/Kg	☼	98		63 - 110
Pyrene	1.9		3.73	5.41		mg/Kg	☼	94		61 - 111

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	103		10 - 123
2-Fluorobiphenyl	89		14 - 103
2-Fluorophenol (Surr)	85		10 - 105
Nitrobenzene-d5 (Surr)	88		11 - 104
Phenol-d5 (Surr)	94		15 - 100
Terphenyl-d14 (Surr)	96		12 - 126

Lab Sample ID: 460-253843-7 MSD

Matrix: Solid

Analysis Batch: 832661

Client Sample ID: SB-09_1-3_20220307

Prep Type: Total/NA

Prep Batch: 832596

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier		Added	Result							
1,1'-Biphenyl	0.016	J	3.74	3.69		mg/Kg	☼	98		65 - 110	2	30
1,2,4,5-Tetrachlorobenzene	0.37	U	3.74	3.77		mg/Kg	☼	101		64 - 110	1	30
1,4-Dioxane	0.037	U	3.74	2.70		mg/Kg	☼	72		31 - 81	1	30
2,2'-oxybis[1-chloropropane]	0.37	U	3.74	3.48		mg/Kg	☼	93		49 - 109	2	30
2,3,4,6-Tetrachlorophenol	0.37	U	3.74	3.58		mg/Kg	☼	96		58 - 113	2	30
2,4,5-Trichlorophenol	0.37	U	3.74	3.70		mg/Kg	☼	99		64 - 112	0	30
2,4,6-Trichlorophenol	0.15	U	3.74	3.57		mg/Kg	☼	96		63 - 113	0	30
2,4-Dichlorophenol	0.15	U	3.74	3.54		mg/Kg	☼	95		66 - 113	0	30
2,4-Dimethylphenol	0.37	U	3.74	3.44		mg/Kg	☼	92		63 - 107	2	30
2,4-Dinitrophenol	0.30	U	7.48	8.10		mg/Kg	☼	108		25 - 150	7	30
2,4-Dinitrotoluene	0.075	U	3.74	4.07		mg/Kg	☼	109		65 - 124	3	30
2,6-Dinitrotoluene	0.075	U	3.74	3.98		mg/Kg	☼	106		67 - 121	1	30
2-Chloronaphthalene	0.37	U	3.74	3.63		mg/Kg	☼	97		65 - 109	1	30
2-Chlorophenol	0.37	U	3.74	3.52		mg/Kg	☼	94		63 - 106	1	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-253843-7 MSD

Client Sample ID: SB-09_1-3_20220307

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 832661

Prep Batch: 832596

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
2-Methylnaphthalene	0.022	J	3.74	3.35		mg/Kg	☼	89	64 - 108	1	30
2-Methylphenol	0.37	U	3.74	3.61		mg/Kg	☼	96	63 - 108	3	30
2-Nitroaniline	0.37	U	3.74	3.22		mg/Kg	☼	86	59 - 119	7	30
2-Nitrophenol	0.37	U	3.74	3.85		mg/Kg	☼	103	64 - 112	1	30
3,3'-Dichlorobenzidine	0.15	U	3.74	2.46		mg/Kg	☼	66	17 - 101	1	30
3-Nitroaniline	0.37	U	3.74	3.01		mg/Kg	☼	81	31 - 102	6	30
4,6-Dinitro-2-methylphenol	0.30	U	7.48	7.72		mg/Kg	☼	103	44 - 136	2	30
4-Bromophenyl phenyl ether	0.37	U	3.74	3.75		mg/Kg	☼	100	67 - 113	4	30
4-Chloro-3-methylphenol	0.37	U	3.74	3.58		mg/Kg	☼	96	66 - 114	0	30
4-Chloroaniline	0.37	U	3.74	2.00		mg/Kg	☼	54	20 - 98	12	30
4-Chlorophenyl phenyl ether	0.37	U	3.74	3.66		mg/Kg	☼	98	66 - 110	2	30
4-Methylphenol	0.37	U	3.74	3.29		mg/Kg	☼	88	61 - 108	3	30
4-Nitroaniline	0.37	U	3.74	3.31		mg/Kg	☼	89	50 - 110	5	30
4-Nitrophenol	0.75	U	7.48	7.29		mg/Kg	☼	98	47 - 123	0	30
Acenaphthene	0.37	U	3.74	3.38		mg/Kg	☼	90	53 - 110	0	30
Acenaphthylene	0.16	J	3.74	3.53		mg/Kg	☼	90	64 - 108	1	30
Acetophenone	0.37	U	3.74	3.38		mg/Kg	☼	90	61 - 103	2	30
Anthracene	0.077	J	3.74	3.58		mg/Kg	☼	94	67 - 114	0	30
Atrazine	0.15	U	1.50	1.51		mg/Kg	☼	101	44 - 145	15	30
Benzaldehyde	0.37	U	1.50	1.42		mg/Kg	☼	95	43 - 150	15	30
Benzo[a]anthracene	1.3		3.74	4.70		mg/Kg	☼	91	67 - 115	1	30
Benzo[a]pyrene	1.6		3.74	4.78		mg/Kg	☼	84	73 - 123	3	30
Benzo[b]fluoranthene	2.1		3.74	5.09		mg/Kg	☼	80	70 - 125	5	30
Benzo[g,h,i]perylene	1.5		3.74	4.29		mg/Kg	☼	75	61 - 113	9	30
Benzo[k]fluoranthene	0.97		3.74	4.73		mg/Kg	☼	101	67 - 115	0	30
Bis(2-chloroethoxy)methane	0.37	U	3.74	3.51		mg/Kg	☼	94	62 - 107	1	30
Bis(2-chloroethyl)ether	0.037	U	3.74	3.48		mg/Kg	☼	93	60 - 107	2	30
Bis(2-ethylhexyl) phthalate	0.033	J	3.74	3.44		mg/Kg	☼	91	59 - 111	1	30
Butyl benzyl phthalate	0.37	U	3.74	3.58		mg/Kg	☼	96	62 - 113	2	30
Caprolactam	0.37	U	1.50	1.35		mg/Kg	☼	90	59 - 140	11	30
Carbazole	0.058	J	3.74	3.49		mg/Kg	☼	92	64 - 113	3	30
Chrysene	1.3		3.74	4.76		mg/Kg	☼	94	71 - 122	1	30
Dibenz(a,h)anthracene	0.38		3.74	3.78		mg/Kg	☼	91	66 - 119	6	30
Dibenzofuran	0.014	J	3.74	3.59		mg/Kg	☼	96	65 - 108	2	30
Diethyl phthalate	0.37	U	3.74	3.61		mg/Kg	☼	97	63 - 109	0	30
Dimethyl phthalate	0.37	U	3.74	3.67		mg/Kg	☼	98	65 - 109	0	30
Di-n-butyl phthalate	0.37	U	3.74	3.49		mg/Kg	☼	93	66 - 114	0	30
Di-n-octyl phthalate	0.37	U	3.74	3.27		mg/Kg	☼	87	65 - 122	2	30
Fluoranthene	1.5		3.74	4.66		mg/Kg	☼	86	61 - 106	7	30
Fluorene	0.0075	J	3.74	3.59		mg/Kg	☼	96	65 - 109	1	30
Hexachlorobenzene	0.037	U	3.74	3.75		mg/Kg	☼	100	61 - 113	0	30
Hexachlorobutadiene	0.075	U	3.74	3.44		mg/Kg	☼	92	62 - 109	2	30
Hexachlorocyclopentadiene	0.37	U	3.74	2.82		mg/Kg	☼	75	42 - 118	4	30
Hexachloroethane	0.037	U	3.74	3.36		mg/Kg	☼	90	61 - 102	1	30
Indeno[1,2,3-cd]pyrene	1.5		3.74	5.38		mg/Kg	☼	103	62 - 121	7	30
Isophorone	0.15	U	3.74	3.41		mg/Kg	☼	91	63 - 107	0	30
Naphthalene	0.14	J	3.74	3.55		mg/Kg	☼	91	63 - 106	1	30
Nitrobenzene	0.037	U	3.74	3.63		mg/Kg	☼	97	63 - 110	3	30
N-Nitrosodi-n-propylamine	0.037	U	3.74	3.54		mg/Kg	☼	95	61 - 108	2	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-253843-7 MSD

Matrix: Solid

Analysis Batch: 832661

Client Sample ID: SB-09_1-3_20220307

Prep Type: Total/NA

Prep Batch: 832596

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
N-Nitrosodiphenylamine	0.37	U	3.74	3.60		mg/Kg	☼	96	67 - 113	2	30
Pentachlorophenol	0.30	U	7.48	6.01		mg/Kg	☼	80	44 - 126	3	30
Phenanthrene	0.51		3.74	3.90		mg/Kg	☼	91	66 - 112	3	30
Phenol	0.37	U	3.74	3.55		mg/Kg	☼	95	63 - 110	2	30
Pyrene	1.9		3.74	5.22		mg/Kg	☼	88	61 - 111	4	30
Surrogate	MSD	MSD	Limits								
	%Recovery	Qualifier	Limits								
2,4,6-Tribromophenol (Surr)	100		10 - 123								
2-Fluorobiphenyl	87		14 - 103								
2-Fluorophenol (Surr)	84		10 - 105								
Nitrobenzene-d5 (Surr)	85		11 - 104								
Phenol-d5 (Surr)	89		15 - 100								
Terphenyl-d14 (Surr)	92		12 - 126								

Lab Sample ID: MB 460-832599/1-A

Matrix: Solid

Analysis Batch: 832664

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 832599

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
1,1'-Biphenyl	0.33	U	0.33	0.0044	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.0060	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
2,4-Dimethylphenol	0.33	U	0.33	0.015	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
2-Chloronaphthalene	0.33	U	0.33	0.015	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
2-Nitroaniline	0.33	U	0.33	0.012	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
3-Nitroaniline	0.33	U	0.33	0.037	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
4-Nitroaniline	0.33	U	0.33	0.038	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		03/10/22 01:16	03/10/22 11:06		1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		03/10/22 01:16	03/10/22 11:06		1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-832599/1-A
Matrix: Solid
Analysis Batch: 832664

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832599

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acenaphthylene	0.33	U	0.33	0.0033	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Benzo[a]anthracene	0.033	U	0.033	0.012	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.026	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Chrysene	0.33	U	0.33	0.0056	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Dibenzofuran	0.33	U	0.33	0.0046	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Diethyl phthalate	0.33	U	0.33	0.0048	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Fluorene	0.33	U	0.33	0.0045	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Nitrobenzene	0.033	U	0.033	0.0079	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Phenanthrene	0.33	U	0.33	0.0058	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Phenol	0.33	U	0.33	0.012	mg/Kg		03/10/22 01:16	03/10/22 11:06	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		03/10/22 01:16	03/10/22 11:06	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol (Surr)	68		10 - 123	03/10/22 01:16	03/10/22 11:06	1
2-Fluorobiphenyl	70		14 - 103	03/10/22 01:16	03/10/22 11:06	1
2-Fluorophenol (Surr)	73		10 - 105	03/10/22 01:16	03/10/22 11:06	1
Nitrobenzene-d5 (Surr)	73		11 - 104	03/10/22 01:16	03/10/22 11:06	1
Phenol-d5 (Surr)	71		15 - 100	03/10/22 01:16	03/10/22 11:06	1
Terphenyl-d14 (Surr)	82		12 - 126	03/10/22 01:16	03/10/22 11:06	1

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-832599/2-A
Matrix: Solid
Analysis Batch: 832664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832599

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,1'-Biphenyl	3.33	2.49		mg/Kg		75	65 - 110
1,2,4,5-Tetrachlorobenzene	3.33	2.37		mg/Kg		71	64 - 110
1,4-Dioxane	3.33	2.47		mg/Kg		74	31 - 81
2,2'-oxybis[1-chloropropane]	3.33	2.14		mg/Kg		64	49 - 109
2,3,4,6-Tetrachlorophenol	3.33	2.47		mg/Kg		74	58 - 113
2,4,5-Trichlorophenol	3.33	2.52		mg/Kg		76	64 - 112
2,4,6-Trichlorophenol	3.33	2.41		mg/Kg		72	63 - 113
2,4-Dichlorophenol	3.33	2.44		mg/Kg		73	66 - 113
2,4-Dimethylphenol	3.33	2.48		mg/Kg		74	63 - 107
2,4-Dinitrophenol	6.67	4.73		mg/Kg		71	25 - 150
2,4-Dinitrotoluene	3.33	2.91		mg/Kg		87	65 - 124
2,6-Dinitrotoluene	3.33	2.75		mg/Kg		83	67 - 121
2-Chloronaphthalene	3.33	2.50		mg/Kg		75	65 - 109
2-Chlorophenol	3.33	2.46		mg/Kg		74	63 - 106
2-Methylnaphthalene	3.33	2.37		mg/Kg		71	64 - 108
2-Methylphenol	3.33	2.47		mg/Kg		74	63 - 108
2-Nitroaniline	3.33	2.55		mg/Kg		77	59 - 119
2-Nitrophenol	3.33	2.59		mg/Kg		78	64 - 112
3,3'-Dichlorobenzidine	3.33	2.64		mg/Kg		79	17 - 101
3-Nitroaniline	3.33	2.72		mg/Kg		81	31 - 102
4,6-Dinitro-2-methylphenol	6.67	5.54		mg/Kg		83	44 - 136
4-Bromophenyl phenyl ether	3.33	2.57		mg/Kg		77	67 - 113
4-Chloro-3-methylphenol	3.33	2.52		mg/Kg		76	66 - 114
4-Chloroaniline	3.33	2.46		mg/Kg		74	20 - 98
4-Chlorophenyl phenyl ether	3.33	2.62		mg/Kg		78	66 - 110
4-Methylphenol	3.33	2.49		mg/Kg		75	61 - 108
4-Nitroaniline	3.33	2.60		mg/Kg		78	50 - 110
4-Nitrophenol	6.67	4.14		mg/Kg		62	47 - 123
Acenaphthene	3.33	2.62		mg/Kg		78	53 - 110
Acenaphthylene	3.33	2.36		mg/Kg		71	64 - 108
Acetophenone	3.33	2.45		mg/Kg		74	61 - 103
Anthracene	3.33	2.63		mg/Kg		79	67 - 114
Atrazine	1.33	1.04		mg/Kg		78	44 - 145
Benzaldehyde	1.33	0.943		mg/Kg		71	43 - 150
Benzo[a]anthracene	3.33	2.69		mg/Kg		81	67 - 115
Benzo[a]pyrene	3.33	2.59		mg/Kg		78	73 - 123
Benzo[b]fluoranthene	3.33	2.81		mg/Kg		84	70 - 125
Benzo[g,h,i]perylene	3.33	2.63		mg/Kg		79	61 - 113
Benzo[k]fluoranthene	3.33	2.96		mg/Kg		89	67 - 115
Bis(2-chloroethoxy)methane	3.33	2.47		mg/Kg		74	62 - 107
Bis(2-chloroethyl)ether	3.33	2.47		mg/Kg		74	60 - 107
Bis(2-ethylhexyl) phthalate	3.33	2.78		mg/Kg		83	59 - 111
Butyl benzyl phthalate	3.33	2.82		mg/Kg		85	62 - 113
Caprolactam	1.33	1.01		mg/Kg		76	59 - 140
Carbazole	3.33	2.61		mg/Kg		78	64 - 113
Chrysene	3.33	2.65		mg/Kg		79	71 - 122
Dibenz(a,h)anthracene	3.33	3.06		mg/Kg		92	66 - 119
Dibenzofuran	3.33	2.56		mg/Kg		77	65 - 108

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-832599/2-A
Matrix: Solid
Analysis Batch: 832664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832599

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diethyl phthalate	3.33	2.59		mg/Kg		78	63 - 109
Dimethyl phthalate	3.33	2.58		mg/Kg		77	65 - 109
Di-n-butyl phthalate	3.33	2.70		mg/Kg		81	66 - 114
Di-n-octyl phthalate	3.33	2.86		mg/Kg		86	65 - 122
Fluoranthene	3.33	2.59		mg/Kg		78	61 - 106
Fluorene	3.33	2.61		mg/Kg		78	65 - 109
Hexachlorobenzene	3.33	2.63		mg/Kg		79	61 - 113
Hexachlorobutadiene	3.33	2.32		mg/Kg		70	62 - 109
Hexachlorocyclopentadiene	3.33	1.71		mg/Kg		51	42 - 118
Hexachloroethane	3.33	2.47		mg/Kg		74	61 - 102
Indeno[1,2,3-cd]pyrene	3.33	2.57		mg/Kg		77	62 - 121
Isophorone	3.33	2.56		mg/Kg		77	63 - 107
Naphthalene	3.33	2.42		mg/Kg		73	63 - 106
Nitrobenzene	3.33	2.64		mg/Kg		79	63 - 110
N-Nitrosodi-n-propylamine	3.33	2.61		mg/Kg		78	61 - 108
N-Nitrosodiphenylamine	3.33	2.67		mg/Kg		80	67 - 113
Pentachlorophenol	6.67	4.87		mg/Kg		73	44 - 126
Phenanthrene	3.33	2.59		mg/Kg		78	66 - 112
Phenol	3.33	2.43		mg/Kg		73	63 - 110
Pyrene	3.33	2.65		mg/Kg		80	61 - 111

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	69		10 - 123
2-Fluorobiphenyl	66		14 - 103
2-Fluorophenol (Surr)	66		10 - 105
Nitrobenzene-d5 (Surr)	67		11 - 104
Phenol-d5 (Surr)	68		15 - 100
Terphenyl-d14 (Surr)	76		12 - 126

Lab Sample ID: LCSD 460-832599/3-A
Matrix: Solid
Analysis Batch: 832664

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832599

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1'-Biphenyl	3.33	2.72		mg/Kg		81	65 - 110	9	30
1,2,4,5-Tetrachlorobenzene	3.33	2.56		mg/Kg		77	64 - 110	8	30
1,4-Dioxane	3.33	2.67		mg/Kg		80	31 - 81	8	30
2,2'-oxybis[1-chloropropane]	3.33	2.33		mg/Kg		70	49 - 109	9	30
2,3,4,6-Tetrachlorophenol	3.33	2.68		mg/Kg		80	58 - 113	8	30
2,4,5-Trichlorophenol	3.33	2.69		mg/Kg		81	64 - 112	7	30
2,4,6-Trichlorophenol	3.33	2.65		mg/Kg		79	63 - 113	9	30
2,4-Dichlorophenol	3.33	2.63		mg/Kg		79	66 - 113	8	30
2,4-Dimethylphenol	3.33	2.69		mg/Kg		81	63 - 107	8	30
2,4-Dinitrophenol	6.67	5.12		mg/Kg		77	25 - 150	8	30
2,4-Dinitrotoluene	3.33	3.12		mg/Kg		94	65 - 124	7	30
2,6-Dinitrotoluene	3.33	3.02		mg/Kg		90	67 - 121	9	30
2-Chloronaphthalene	3.33	2.70		mg/Kg		81	65 - 109	8	30
2-Chlorophenol	3.33	2.69		mg/Kg		81	63 - 106	9	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-832599/3-A

Matrix: Solid

Analysis Batch: 832664

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 832599

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	RPD Limit
							Limits	RPD		
2-Methylnaphthalene	3.33	2.58		mg/Kg		77	64 - 108	8	30	
2-Methylphenol	3.33	2.71		mg/Kg		81	63 - 108	9	30	
2-Nitroaniline	3.33	2.82		mg/Kg		85	59 - 119	10	30	
2-Nitrophenol	3.33	2.80		mg/Kg		84	64 - 112	8	30	
3,3'-Dichlorobenzidine	3.33	2.81		mg/Kg		84	17 - 101	6	30	
3-Nitroaniline	3.33	2.93		mg/Kg		88	31 - 102	8	30	
4,6-Dinitro-2-methylphenol	6.67	5.84		mg/Kg		88	44 - 136	5	30	
4-Bromophenyl phenyl ether	3.33	2.74		mg/Kg		82	67 - 113	6	30	
4-Chloro-3-methylphenol	3.33	2.74		mg/Kg		82	66 - 114	8	30	
4-Chloroaniline	3.33	2.65		mg/Kg		80	20 - 98	7	30	
4-Chlorophenyl phenyl ether	3.33	2.83		mg/Kg		85	66 - 110	8	30	
4-Methylphenol	3.33	2.68		mg/Kg		80	61 - 108	8	30	
4-Nitroaniline	3.33	2.83		mg/Kg		85	50 - 110	8	30	
4-Nitrophenol	6.67	4.67		mg/Kg		70	47 - 123	12	30	
Acenaphthene	3.33	2.81		mg/Kg		84	53 - 110	7	30	
Acenaphthylene	3.33	2.56		mg/Kg		77	64 - 108	8	30	
Acetophenone	3.33	2.67		mg/Kg		80	61 - 103	9	30	
Anthracene	3.33	2.77		mg/Kg		83	67 - 114	5	30	
Atrazine	1.33	1.11		mg/Kg		83	44 - 145	6	30	
Benzaldehyde	1.33	1.06		mg/Kg		80	43 - 150	12	30	
Benzo[a]anthracene	3.33	2.83		mg/Kg		85	67 - 115	5	30	
Benzo[a]pyrene	3.33	2.86		mg/Kg		86	73 - 123	10	30	
Benzo[b]fluoranthene	3.33	3.01		mg/Kg		90	70 - 125	7	30	
Benzo[g,h,i]perylene	3.33	2.83		mg/Kg		85	61 - 113	7	30	
Benzo[k]fluoranthene	3.33	3.11		mg/Kg		93	67 - 115	5	30	
Bis(2-chloroethoxy)methane	3.33	2.65		mg/Kg		79	62 - 107	7	30	
Bis(2-chloroethyl)ether	3.33	2.68		mg/Kg		80	60 - 107	8	30	
Bis(2-ethylhexyl) phthalate	3.33	2.94		mg/Kg		88	59 - 111	6	30	
Butyl benzyl phthalate	3.33	2.99		mg/Kg		90	62 - 113	6	30	
Caprolactam	1.33	1.10		mg/Kg		82	59 - 140	8	30	
Carbazole	3.33	2.71		mg/Kg		81	64 - 113	4	30	
Chrysene	3.33	2.75		mg/Kg		83	71 - 122	4	30	
Dibenz(a,h)anthracene	3.33	3.30		mg/Kg		99	66 - 119	8	30	
Dibenzofuran	3.33	2.75		mg/Kg		82	65 - 108	7	30	
Diethyl phthalate	3.33	2.80		mg/Kg		84	63 - 109	8	30	
Dimethyl phthalate	3.33	2.84		mg/Kg		85	65 - 109	10	30	
Di-n-butyl phthalate	3.33	2.82		mg/Kg		85	66 - 114	4	30	
Di-n-octyl phthalate	3.33	3.03		mg/Kg		91	65 - 122	6	30	
Fluoranthene	3.33	2.76		mg/Kg		83	61 - 106	6	30	
Fluorene	3.33	2.80		mg/Kg		84	65 - 109	7	30	
Hexachlorobenzene	3.33	2.71		mg/Kg		81	61 - 113	3	30	
Hexachlorobutadiene	3.33	2.50		mg/Kg		75	62 - 109	7	30	
Hexachlorocyclopentadiene	3.33	1.87		mg/Kg		56	42 - 118	9	30	
Hexachloroethane	3.33	2.65		mg/Kg		79	61 - 102	7	30	
Indeno[1,2,3-cd]pyrene	3.33	2.73		mg/Kg		82	62 - 121	6	30	
Isophorone	3.33	2.74		mg/Kg		82	63 - 107	7	30	
Naphthalene	3.33	2.61		mg/Kg		78	63 - 106	7	30	
Nitrobenzene	3.33	2.89		mg/Kg		87	63 - 110	9	30	
N-Nitrosodi-n-propylamine	3.33	2.83		mg/Kg		85	61 - 108	8	30	

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-832599/3-A
Matrix: Solid
Analysis Batch: 832664

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832599

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
N-Nitrosodiphenylamine	3.33	2.81		mg/Kg		84	67 - 113	5	30
Pentachlorophenol	6.67	5.21		mg/Kg		78	44 - 126	7	30
Phenanthrene	3.33	2.74		mg/Kg		82	66 - 112	6	30
Phenol	3.33	2.65		mg/Kg		80	63 - 110	9	30
Pyrene	3.33	2.83		mg/Kg		85	61 - 111	7	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4,6-Tribromophenol (Surr)	76		10 - 123
2-Fluorobiphenyl	71		14 - 103
2-Fluorophenol (Surr)	72		10 - 105
Nitrobenzene-d5 (Surr)	72		11 - 104
Phenol-d5 (Surr)	73		15 - 100
Terphenyl-d14 (Surr)	80		12 - 126

Lab Sample ID: 460-253904-E-7-G MS
Matrix: Solid
Analysis Batch: 832664

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 832599

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	0.37	U	3.75	2.48		mg/Kg	✘	66	65 - 110
1,2,4,5-Tetrachlorobenzene	0.37	U	3.75	2.40		mg/Kg	✘	64	64 - 110
1,4-Dioxane	0.037	U	3.75	1.64		mg/Kg	✘	44	31 - 81
2,2'-oxybis[1-chloropropane]	0.37	U	3.75	2.22		mg/Kg	✘	59	49 - 109
2,3,4,6-Tetrachlorophenol	0.37	U	3.75	1.38	*	mg/Kg	✘	37	58 - 113
2,4,5-Trichlorophenol	0.37	U	3.75	2.25	*	mg/Kg	✘	60	64 - 112
2,4,6-Trichlorophenol	0.15	U	3.75	1.93	*	mg/Kg	✘	51	63 - 113
2,4-Dichlorophenol	0.15	U	3.75	2.38	*	mg/Kg	✘	63	66 - 113
2,4-Dimethylphenol	0.37	U	3.75	2.51		mg/Kg	✘	67	63 - 107
2,4-Dinitrophenol	0.30	U	7.50	0.885	*	mg/Kg	✘	12	25 - 150
2,4-Dinitrotoluene	0.075	U	3.75	2.68		mg/Kg	✘	71	65 - 124
2,6-Dinitrotoluene	0.075	U	3.75	2.66		mg/Kg	✘	71	67 - 121
2-Chloronaphthalene	0.37	U	3.75	2.52		mg/Kg	✘	67	65 - 109
2-Chlorophenol	0.37	U	3.75	2.52		mg/Kg	✘	67	63 - 106
2-Methylnaphthalene	0.37	U	3.75	2.38	*	mg/Kg	✘	63	64 - 108
2-Methylphenol	0.37	U	3.75	2.51		mg/Kg	✘	67	63 - 108
2-Nitroaniline	0.37	U	3.75	2.51		mg/Kg	✘	67	59 - 119
2-Nitrophenol	0.37	U	3.75	2.24	*	mg/Kg	✘	60	64 - 112
3,3'-Dichlorobenzidine	0.15	U	3.75	2.39		mg/Kg	✘	64	17 - 101
3-Nitroaniline	0.37	U	3.75	2.51		mg/Kg	✘	67	31 - 102
4,6-Dinitro-2-methylphenol	0.30	U	7.50	1.40	*	mg/Kg	✘	19	44 - 136
4-Bromophenyl phenyl ether	0.37	U	3.75	2.47	*	mg/Kg	✘	66	67 - 113
4-Chloro-3-methylphenol	0.37	U	3.75	2.46		mg/Kg	✘	66	66 - 114
4-Chloroaniline	0.37	U	3.75	2.25		mg/Kg	✘	60	20 - 98
4-Chlorophenyl phenyl ether	0.37	U	3.75	2.55		mg/Kg	✘	68	66 - 110
4-Methylphenol	0.37	U	3.75	2.46		mg/Kg	✘	65	61 - 108
4-Nitroaniline	0.37	U	3.75	2.30		mg/Kg	✘	61	50 - 110
4-Nitrophenol	0.75	U	7.50	3.15	*	mg/Kg	✘	42	47 - 123
Acenaphthene	0.033	J	3.75	2.65		mg/Kg	✘	70	53 - 110

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-253904-E-7-G MS
Matrix: Solid
Analysis Batch: 832664

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 832599

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Acenaphthylene	0.075	J	3.75	2.43	*	mg/Kg	☼	63	64 - 108	
Acetophenone	0.37	U	3.75	2.42		mg/Kg	☼	64	61 - 103	
Anthracene	0.12	J	3.75	2.67		mg/Kg	☼	68	67 - 114	
Atrazine	0.15	U	1.50	1.37		mg/Kg	☼	92	44 - 145	
Benzaldehyde	0.37	U	1.50	1.32	E	mg/Kg	☼	88	43 - 150	
Benzo[a]anthracene	0.64		3.75	3.34		mg/Kg	☼	72	67 - 115	
Benzo[a]pyrene	0.63		3.75	3.34	*	mg/Kg	☼	72	73 - 123	
Benzo[b]fluoranthene	0.86		3.75	3.82		mg/Kg	☼	79	70 - 125	
Benzo[g,h,i]perylene	0.40		3.75	2.63	*	mg/Kg	☼	60	61 - 113	
Benzo[k]fluoranthene	0.34		3.75	3.03		mg/Kg	☼	72	67 - 115	
Bis(2-chloroethoxy)methane	0.37	U	3.75	2.43		mg/Kg	☼	65	62 - 107	
Bis(2-chloroethyl)ether	0.037	U	3.75	2.49		mg/Kg	☼	66	60 - 107	
Bis(2-ethylhexyl) phthalate	0.096	J	3.75	2.79		mg/Kg	☼	72	59 - 111	
Butyl benzyl phthalate	0.027	J	3.75	2.92		mg/Kg	☼	77	62 - 113	
Caprolactam	0.37	U	1.50	1.25		mg/Kg	☼	83	59 - 140	
Carbazole	0.052	J	3.75	2.57		mg/Kg	☼	67	64 - 113	
Chrysene	0.64		3.75	3.17	*	mg/Kg	☼	68	71 - 122	
Dibenz(a,h)anthracene	0.070		3.75	2.92		mg/Kg	☼	76	66 - 119	
Dibenzofuran	0.018	J	3.75	2.54		mg/Kg	☼	67	65 - 108	
Diethyl phthalate	0.37	U	3.75	2.54		mg/Kg	☼	68	63 - 109	
Dimethyl phthalate	0.37	U	3.75	2.53		mg/Kg	☼	68	65 - 109	
Di-n-butyl phthalate	0.37	U	3.75	2.65		mg/Kg	☼	71	66 - 114	
Di-n-octyl phthalate	0.37	U	3.75	2.80		mg/Kg	☼	75	65 - 122	
Fluoranthene	1.2		3.75	3.86		mg/Kg	☼	72	61 - 106	
Fluorene	0.031	J	3.75	2.58		mg/Kg	☼	68	65 - 109	
Hexachlorobenzene	0.037	U	3.75	2.48		mg/Kg	☼	66	61 - 113	
Hexachlorobutadiene	0.075	U	3.75	2.33		mg/Kg	☼	62	62 - 109	
Hexachlorocyclopentadiene	0.37	U	3.75	1.19	*	mg/Kg	☼	32	42 - 118	
Hexachloroethane	0.037	U	3.75	2.43		mg/Kg	☼	65	61 - 102	
Indeno[1,2,3-cd]pyrene	0.54		3.75	2.95		mg/Kg	☼	64	62 - 121	
Isophorone	0.15	U	3.75	2.52		mg/Kg	☼	67	63 - 107	
Naphthalene	0.019	J	3.75	2.48		mg/Kg	☼	66	63 - 106	
Nitrobenzene	0.037	U	3.75	2.68		mg/Kg	☼	71	63 - 110	
N-Nitrosodi-n-propylamine	0.037	U	3.75	2.60		mg/Kg	☼	69	61 - 108	
N-Nitrosodiphenylamine	0.37	U	3.75	2.58		mg/Kg	☼	69	67 - 113	
Pentachlorophenol	0.30	U	7.50	1.86	*	mg/Kg	☼	25	44 - 126	
Phenanthrene	0.54		3.75	3.19		mg/Kg	☼	70	66 - 112	
Phenol	0.37	U	3.75	2.52		mg/Kg	☼	67	63 - 110	
Pyrene	1.2		3.75	3.89		mg/Kg	☼	73	61 - 111	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	48		10 - 123
2-Fluorobiphenyl	62		14 - 103
2-Fluorophenol (Surr)	64		10 - 105
Nitrobenzene-d5 (Surr)	62		11 - 104
Phenol-d5 (Surr)	64		15 - 100
Terphenyl-d14 (Surr)	68		12 - 126

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-253904-E-7-H MSD

Matrix: Solid

Analysis Batch: 832664

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 832599

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier								
1,1'-Biphenyl	0.37	U	3.75	2.38	*	mg/Kg	☼	64	65 - 110	4	30		
1,2,4,5-Tetrachlorobenzene	0.37	U	3.75	2.26	*	mg/Kg	☼	60	64 - 110	6	30		
1,4-Dioxane	0.037	U	3.75	1.62		mg/Kg	☼	43	31 - 81	1	30		
2,2'-oxybis[1-chloropropane]	0.37	U	3.75	2.07		mg/Kg	☼	55	49 - 109	7	30		
2,3,4,6-Tetrachlorophenol	0.37	U	3.75	1.42	*	mg/Kg	☼	38	58 - 113	3	30		
2,4,5-Trichlorophenol	0.37	U	3.75	2.25	*	mg/Kg	☼	60	64 - 112	0	30		
2,4,6-Trichlorophenol	0.15	U	3.75	1.91	*	mg/Kg	☼	51	63 - 113	1	30		
2,4-Dichlorophenol	0.15	U	3.75	2.34	*	mg/Kg	☼	62	66 - 113	2	30		
2,4-Dimethylphenol	0.37	U	3.75	2.39		mg/Kg	☼	64	63 - 107	5	30		
2,4-Dinitrophenol	0.30	U	7.49	0.768	*	mg/Kg	☼	10	25 - 150	14	30		
2,4-Dinitrotoluene	0.075	U	3.75	2.53		mg/Kg	☼	67	65 - 124	6	30		
2,6-Dinitrotoluene	0.075	U	3.75	2.59		mg/Kg	☼	69	67 - 121	3	30		
2-Chloronaphthalene	0.37	U	3.75	2.36	*	mg/Kg	☼	63	65 - 109	7	30		
2-Chlorophenol	0.37	U	3.75	2.32	*	mg/Kg	☼	62	63 - 106	8	30		
2-Methylnaphthalene	0.37	U	3.75	2.24	*	mg/Kg	☼	60	64 - 108	6	30		
2-Methylphenol	0.37	U	3.75	2.31	*	mg/Kg	☼	62	63 - 108	8	30		
2-Nitroaniline	0.37	U	3.75	2.32		mg/Kg	☼	62	59 - 119	8	30		
2-Nitrophenol	0.37	U	3.75	2.22	*	mg/Kg	☼	59	64 - 112	1	30		
3,3'-Dichlorobenzidine	0.15	U	3.75	2.26		mg/Kg	☼	60	17 - 101	5	30		
3-Nitroaniline	0.37	U	3.75	2.36		mg/Kg	☼	63	31 - 102	6	30		
4,6-Dinitro-2-methylphenol	0.30	U	7.49	1.22	*	mg/Kg	☼	16	44 - 136	14	30		
4-Bromophenyl phenyl ether	0.37	U	3.75	2.33	*	mg/Kg	☼	62	67 - 113	6	30		
4-Chloro-3-methylphenol	0.37	U	3.75	2.34	*	mg/Kg	☼	62	66 - 114	5	30		
4-Chloroaniline	0.37	U	3.75	2.14		mg/Kg	☼	57	20 - 98	5	30		
4-Chlorophenyl phenyl ether	0.37	U	3.75	2.40	*	mg/Kg	☼	64	66 - 110	6	30		
4-Methylphenol	0.37	U	3.75	2.28		mg/Kg	☼	61	61 - 108	7	30		
4-Nitroaniline	0.37	U	3.75	2.20		mg/Kg	☼	59	50 - 110	5	30		
4-Nitrophenol	0.75	U	7.49	3.19	*	mg/Kg	☼	43	47 - 123	1	30		
Acenaphthene	0.033	J	3.75	2.47		mg/Kg	☼	65	53 - 110	7	30		
Acenaphthylene	0.075	J	3.75	2.32	*	mg/Kg	☼	60	64 - 108	5	30		
Acetophenone	0.37	U	3.75	2.22	*	mg/Kg	☼	59	61 - 103	8	30		
Anthracene	0.12	J	3.75	2.55	*	mg/Kg	☼	65	67 - 114	4	30		
Atrazine	0.15	U	1.50	1.38		mg/Kg	☼	92	44 - 145	1	30		
Benzaldehyde	0.37	U	1.50	1.29	E	mg/Kg	☼	86	43 - 150	2	30		
Benzo[a]anthracene	0.64		3.75	3.07	*	mg/Kg	☼	65	67 - 115	8	30		
Benzo[a]pyrene	0.63		3.75	3.04	*	mg/Kg	☼	64	73 - 123	9	30		
Benzo[b]fluoranthene	0.86		3.75	3.56		mg/Kg	☼	72	70 - 125	7	30		
Benzo[g,h,i]perylene	0.40		3.75	2.51	*	mg/Kg	☼	57	61 - 113	5	30		
Benzo[k]fluoranthene	0.34		3.75	2.88		mg/Kg	☼	68	67 - 115	5	30		
Bis(2-chloroethoxy)methane	0.37	U	3.75	2.32		mg/Kg	☼	62	62 - 107	4	30		
Bis(2-chloroethyl)ether	0.037	U	3.75	2.36		mg/Kg	☼	63	60 - 107	6	30		
Bis(2-ethylhexyl) phthalate	0.096	J	3.75	2.60		mg/Kg	☼	67	59 - 111	7	30		
Butyl benzyl phthalate	0.027	J	3.75	2.82		mg/Kg	☼	75	62 - 113	3	30		
Caprolactam	0.37	U	1.50	1.27		mg/Kg	☼	84	59 - 140	1	30		
Carbazole	0.052	J	3.75	2.39	*	mg/Kg	☼	62	64 - 113	7	30		
Chrysene	0.64		3.75	3.00	*	mg/Kg	☼	63	71 - 122	6	30		
Dibenz(a,h)anthracene	0.070		3.75	2.71		mg/Kg	☼	71	66 - 119	7	30		
Dibenzofuran	0.018	J	3.75	2.38	*	mg/Kg	☼	63	65 - 108	6	30		

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-253904-E-7-H MSD
Matrix: Solid
Analysis Batch: 832664

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 832599

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Added	Result						
Diethyl phthalate	0.37	U	3.75	2.39		mg/Kg	☼	64	63 - 109	6	30
Dimethyl phthalate	0.37	U	3.75	2.40	*	mg/Kg	☼	64	65 - 109	5	30
Di-n-butyl phthalate	0.37	U	3.75	2.49		mg/Kg	☼	66	66 - 114	6	30
Di-n-octyl phthalate	0.37	U	3.75	2.64		mg/Kg	☼	71	65 - 122	6	30
Fluoranthene	1.2		3.75	3.58		mg/Kg	☼	65	61 - 106	8	30
Fluorene	0.031	J	3.75	2.46		mg/Kg	☼	65	65 - 109	5	30
Hexachlorobenzene	0.037	U	3.75	2.32		mg/Kg	☼	62	61 - 113	7	30
Hexachlorobutadiene	0.075	U	3.75	2.22	*	mg/Kg	☼	59	62 - 109	5	30
Hexachlorocyclopentadiene	0.37	U	3.75	1.07	*	mg/Kg	☼	29	42 - 118	10	30
Hexachloroethane	0.037	U	3.75	2.27	*	mg/Kg	☼	60	61 - 102	7	30
Indeno[1,2,3-cd]pyrene	0.54		3.75	2.70	*	mg/Kg	☼	58	62 - 121	9	30
Isophorone	0.15	U	3.75	2.40		mg/Kg	☼	64	63 - 107	5	30
Naphthalene	0.019	J	3.75	2.37		mg/Kg	☼	63	63 - 106	5	30
Nitrobenzene	0.037	U	3.75	2.47		mg/Kg	☼	66	63 - 110	8	30
N-Nitrosodi-n-propylamine	0.037	U	3.75	2.39		mg/Kg	☼	64	61 - 108	8	30
N-Nitrosodiphenylamine	0.37	U	3.75	2.40	*	mg/Kg	☼	64	67 - 113	7	30
Pentachlorophenol	0.30	U	7.49	1.72	*	mg/Kg	☼	23	44 - 126	8	30
Phenanthrene	0.54		3.75	2.99	*	mg/Kg	☼	65	66 - 112	6	30
Phenol	0.37	U	3.75	2.30	*	mg/Kg	☼	61	63 - 110	9	30
Pyrene	1.2		3.75	3.52		mg/Kg	☼	63	61 - 111	10	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	49		10 - 123
2-Fluorobiphenyl	59		14 - 103
2-Fluorophenol (Surr)	59		10 - 105
Nitrobenzene-d5 (Surr)	59		11 - 104
Phenol-d5 (Surr)	59		15 - 100
Terphenyl-d14 (Surr)	63		12 - 126

Lab Sample ID: MB 460-832639/1-A
Matrix: Water
Analysis Batch: 832677

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832639

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1'-Biphenyl	10	U	10	1.2	ug/L		03/10/22 07:49	03/10/22 14:14	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		03/10/22 07:49	03/10/22 14:14	1
1,4-Dioxane	10	U	10	1.6	ug/L		03/10/22 07:49	03/10/22 14:14	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		03/10/22 07:49	03/10/22 14:14	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		03/10/22 07:49	03/10/22 14:14	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		03/10/22 07:49	03/10/22 14:14	1
2,4,6-Trichlorophenol	10	U	10	0.86	ug/L		03/10/22 07:49	03/10/22 14:14	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		03/10/22 07:49	03/10/22 14:14	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		03/10/22 07:49	03/10/22 14:14	1
2,4-Dinitrophenol	20	U	20	2.6	ug/L		03/10/22 07:49	03/10/22 14:14	1
2,4-Dinitrotoluene	2.0	U	2.0	1.0	ug/L		03/10/22 07:49	03/10/22 14:14	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		03/10/22 07:49	03/10/22 14:14	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		03/10/22 07:49	03/10/22 14:14	1
2-Chlorophenol	10	U	10	0.38	ug/L		03/10/22 07:49	03/10/22 14:14	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-832639/1-A
Matrix: Water
Analysis Batch: 832677

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832639

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/10/22 07:49	03/10/22 14:14	1
2-Methylphenol	10	U	10	0.67	ug/L		03/10/22 07:49	03/10/22 14:14	1
2-Nitroaniline	10	U	10	0.47	ug/L		03/10/22 07:49	03/10/22 14:14	1
2-Nitrophenol	10	U	10	0.75	ug/L		03/10/22 07:49	03/10/22 14:14	1
3,3'-Dichlorobenzidine	10	U	10	1.4	ug/L		03/10/22 07:49	03/10/22 14:14	1
3-Nitroaniline	10	U	10	1.9	ug/L		03/10/22 07:49	03/10/22 14:14	1
4,6-Dinitro-2-methylphenol	20	U	20	3.0	ug/L		03/10/22 07:49	03/10/22 14:14	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		03/10/22 07:49	03/10/22 14:14	1
4-Chloro-3-methylphenol	10	U	10	0.58	ug/L		03/10/22 07:49	03/10/22 14:14	1
4-Chloroaniline	10	U	10	1.9	ug/L		03/10/22 07:49	03/10/22 14:14	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		03/10/22 07:49	03/10/22 14:14	1
4-Methylphenol	10	U	10	0.65	ug/L		03/10/22 07:49	03/10/22 14:14	1
4-Nitroaniline	10	U	10	1.2	ug/L		03/10/22 07:49	03/10/22 14:14	1
4-Nitrophenol	20	U	20	4.0	ug/L		03/10/22 07:49	03/10/22 14:14	1
Acenaphthene	10	U	10	1.1	ug/L		03/10/22 07:49	03/10/22 14:14	1
Acenaphthylene	10	U	10	0.82	ug/L		03/10/22 07:49	03/10/22 14:14	1
Acetophenone	10	U	10	2.3	ug/L		03/10/22 07:49	03/10/22 14:14	1
Anthracene	10	U	10	1.3	ug/L		03/10/22 07:49	03/10/22 14:14	1
Atrazine	2.0	U	2.0	1.3	ug/L		03/10/22 07:49	03/10/22 14:14	1
Benzaldehyde	10	U	10	2.1	ug/L		03/10/22 07:49	03/10/22 14:14	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/10/22 07:49	03/10/22 14:14	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/10/22 07:49	03/10/22 14:14	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/10/22 07:49	03/10/22 14:14	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		03/10/22 07:49	03/10/22 14:14	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/10/22 07:49	03/10/22 14:14	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		03/10/22 07:49	03/10/22 14:14	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		03/10/22 07:49	03/10/22 14:14	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		03/10/22 07:49	03/10/22 14:14	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		03/10/22 07:49	03/10/22 14:14	1
Caprolactam	10	U	10	2.2	ug/L		03/10/22 07:49	03/10/22 14:14	1
Carbazole	10	U	10	0.68	ug/L		03/10/22 07:49	03/10/22 14:14	1
Chrysene	2.0	U	2.0	0.91	ug/L		03/10/22 07:49	03/10/22 14:14	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/10/22 07:49	03/10/22 14:14	1
Dibenzofuran	10	U	10	1.1	ug/L		03/10/22 07:49	03/10/22 14:14	1
Diethyl phthalate	10	U	10	0.98	ug/L		03/10/22 07:49	03/10/22 14:14	1
Dimethyl phthalate	10	U	10	0.77	ug/L		03/10/22 07:49	03/10/22 14:14	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		03/10/22 07:49	03/10/22 14:14	1
Di-n-octyl phthalate	10	U	10	0.75	ug/L		03/10/22 07:49	03/10/22 14:14	1
Fluoranthene	10	U	10	0.84	ug/L		03/10/22 07:49	03/10/22 14:14	1
Fluorene	10	U	10	0.91	ug/L		03/10/22 07:49	03/10/22 14:14	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		03/10/22 07:49	03/10/22 14:14	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		03/10/22 07:49	03/10/22 14:14	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		03/10/22 07:49	03/10/22 14:14	1
Hexachloroethane	2.0	U	2.0	0.80	ug/L		03/10/22 07:49	03/10/22 14:14	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/10/22 07:49	03/10/22 14:14	1
Isophorone	10	U	10	0.80	ug/L		03/10/22 07:49	03/10/22 14:14	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/10/22 07:49	03/10/22 14:14	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		03/10/22 07:49	03/10/22 14:14	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		03/10/22 07:49	03/10/22 14:14	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-832639/1-A
Matrix: Water
Analysis Batch: 832677

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832639

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		03/10/22 07:49	03/10/22 14:14	1
Pentachlorophenol	20	U	20	1.4	ug/L		03/10/22 07:49	03/10/22 14:14	1
Phenanthrene	10	U	10	1.3	ug/L		03/10/22 07:49	03/10/22 14:14	1
Phenol	10	U	10	0.29	ug/L		03/10/22 07:49	03/10/22 14:14	1
Pyrene	10	U	10	1.6	ug/L		03/10/22 07:49	03/10/22 14:14	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol (Surr)	99		33 - 150	03/10/22 07:49	03/10/22 14:14	1
2-Fluorobiphenyl	85		42 - 127	03/10/22 07:49	03/10/22 14:14	1
2-Fluorophenol (Surr)	46		18 - 72	03/10/22 07:49	03/10/22 14:14	1
Nitrobenzene-d5 (Surr)	91		46 - 137	03/10/22 07:49	03/10/22 14:14	1
Phenol-d5 (Surr)	31		10 - 50	03/10/22 07:49	03/10/22 14:14	1
Terphenyl-d14 (Surr)	90		39 - 150	03/10/22 07:49	03/10/22 14:14	1

Lab Sample ID: LCS 460-832639/2-A
Matrix: Water
Analysis Batch: 832677

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832639

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1'-Biphenyl	80.0	51.2		ug/L		64	60 - 108
1,2,4,5-Tetrachlorobenzene	80.0	46.3		ug/L		58	46 - 117
1,4-Dioxane	80.0	33.6		ug/L		42	26 - 69
2,2'-oxybis[1-chloropropane]	80.0	56.1		ug/L		70	42 - 116
2,3,4,6-Tetrachlorophenol	80.0	63.7		ug/L		80	63 - 122
2,4,5-Trichlorophenol	80.0	61.1		ug/L		76	63 - 112
2,4,6-Trichlorophenol	80.0	61.5		ug/L		77	66 - 117
2,4-Dichlorophenol	80.0	57.1		ug/L		71	65 - 105
2,4-Dimethylphenol	80.0	54.5		ug/L		68	62 - 99
2,4-Dinitrophenol	160	112		ug/L		70	32 - 150
2,4-Dinitrotoluene	80.0	62.6		ug/L		78	68 - 134
2,6-Dinitrotoluene	80.0	68.7		ug/L		86	70 - 124
2-Chloronaphthalene	80.0	51.0		ug/L		64	57 - 107
2-Chlorophenol	80.0	51.7		ug/L		65	58 - 94
2-Methylnaphthalene	80.0	44.6		ug/L		56	55 - 111
2-Methylphenol	80.0	45.4		ug/L		57	48 - 88
2-Nitroaniline	80.0	60.4		ug/L		75	62 - 115
2-Nitrophenol	80.0	59.1		ug/L		74	60 - 125
3,3'-Dichlorobenzidine	80.0	63.5		ug/L		79	53 - 125
3-Nitroaniline	80.0	53.3		ug/L		67	60 - 112
4,6-Dinitro-2-methylphenol	160	120		ug/L		75	47 - 150
4-Bromophenyl phenyl ether	80.0	62.7		ug/L		78	59 - 117
4-Chloro-3-methylphenol	80.0	54.9		ug/L		69	61 - 100
4-Chloroaniline	80.0	42.7		ug/L		53	42 - 114
4-Chlorophenyl phenyl ether	80.0	57.6		ug/L		72	63 - 113
4-Methylphenol	80.0	41.3		ug/L		52	42 - 79
4-Nitroaniline	80.0	62.3		ug/L		78	58 - 120
4-Nitrophenol	160	48.1		ug/L		30	14 - 54
Acenaphthene	80.0	56.7		ug/L		71	60 - 110

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-832639/2-A
Matrix: Water
Analysis Batch: 832677

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832639

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthylene	80.0	53.1		ug/L		66	64 - 109
Acetophenone	80.0	58.0		ug/L		73	66 - 111
Anthracene	80.0	61.5		ug/L		77	65 - 109
Atrazine	40.0	38.1		ug/L		95	24 - 150
Benzaldehyde	40.0	32.6		ug/L		81	16 - 150
Benzo[a]anthracene	80.0	60.9		ug/L		76	62 - 106
Benzo[a]pyrene	80.0	55.9		ug/L		70	66 - 127
Benzo[b]fluoranthene	80.0	61.8		ug/L		77	66 - 125
Benzo[g,h,i]perylene	80.0	61.5		ug/L		77	49 - 149
Benzo[k]fluoranthene	80.0	62.9		ug/L		79	64 - 125
Bis(2-chloroethoxy)methane	80.0	59.6		ug/L		74	64 - 107
Bis(2-chloroethyl)ether	80.0	59.5		ug/L		74	63 - 110
Bis(2-ethylhexyl) phthalate	80.0	66.6		ug/L		83	60 - 120
Butyl benzyl phthalate	80.0	65.0		ug/L		81	58 - 119
Caprolactam	40.0	8.11	J	ug/L		20	10 - 73
Carbazole	80.0	62.2		ug/L		78	65 - 109
Chrysene	80.0	60.8		ug/L		76	63 - 108
Dibenz(a,h)anthracene	80.0	65.0		ug/L		81	55 - 150
Dibenzofuran	80.0	56.9		ug/L		71	66 - 109
Diethyl phthalate	80.0	63.4		ug/L		79	69 - 112
Dimethyl phthalate	80.0	63.3		ug/L		79	70 - 112
Di-n-butyl phthalate	80.0	62.7		ug/L		78	66 - 110
Di-n-octyl phthalate	80.0	63.1		ug/L		79	54 - 128
Fluoranthene	80.0	62.7		ug/L		78	65 - 113
Fluorene	80.0	59.6		ug/L		75	65 - 111
Hexachlorobenzene	80.0	61.9		ug/L		77	61 - 117
Hexachlorobutadiene	80.0	38.6		ug/L		48	10 - 133
Hexachlorocyclopentadiene	80.0	32.0		ug/L		40	10 - 123
Hexachloroethane	80.0	39.0		ug/L		49	17 - 115
Indeno[1,2,3-cd]pyrene	80.0	62.4		ug/L		78	54 - 150
Isophorone	80.0	59.0		ug/L		74	68 - 114
Naphthalene	80.0	48.3		ug/L		60	58 - 105
Nitrobenzene	80.0	63.4		ug/L		79	71 - 116
N-Nitrosodi-n-propylamine	80.0	58.9		ug/L		74	60 - 119
N-Nitrosodiphenylamine	80.0	61.0		ug/L		76	63 - 109
Pentachlorophenol	160	131		ug/L		82	54 - 131
Phenanthrene	80.0	61.2		ug/L		76	65 - 108
Phenol	80.0	22.6		ug/L		28	20 - 50
Pyrene	80.0	62.3		ug/L		78	54 - 114

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	89		33 - 150
2-Fluorobiphenyl	78		42 - 127
2-Fluorophenol (Surr)	43		18 - 72
Nitrobenzene-d5 (Surr)	80		46 - 137
Phenol-d5 (Surr)	28		10 - 50
Terphenyl-d14 (Surr)	79		39 - 150

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-832639/3-A
Matrix: Water
Analysis Batch: 832677

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832639

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1'-Biphenyl	80.0	51.4		ug/L		64	60 - 108	0	30
1,2,4,5-Tetrachlorobenzene	80.0	46.2		ug/L		58	46 - 117	0	30
1,4-Dioxane	80.0	32.0		ug/L		40	26 - 69	5	30
2,2'-oxybis[1-chloropropane]	80.0	55.2		ug/L		69	42 - 116	2	30
2,3,4,6-Tetrachlorophenol	80.0	64.3		ug/L		80	63 - 122	1	30
2,4,5-Trichlorophenol	80.0	62.2		ug/L		78	63 - 112	2	30
2,4,6-Trichlorophenol	80.0	61.5		ug/L		77	66 - 117	0	30
2,4-Dichlorophenol	80.0	57.5		ug/L		72	65 - 105	1	30
2,4-Dimethylphenol	80.0	54.8		ug/L		68	62 - 99	0	30
2,4-Dinitrophenol	160	119		ug/L		75	32 - 150	7	30
2,4-Dinitrotoluene	80.0	61.7		ug/L		77	68 - 134	1	30
2,6-Dinitrotoluene	80.0	70.9		ug/L		89	70 - 124	3	30
2-Chloronaphthalene	80.0	50.5		ug/L		63	57 - 107	1	30
2-Chlorophenol	80.0	52.1		ug/L		65	58 - 94	1	30
2-Methylnaphthalene	80.0	44.6		ug/L		56	55 - 111	0	30
2-Methylphenol	80.0	46.0		ug/L		57	48 - 88	1	30
2-Nitroaniline	80.0	61.3		ug/L		77	62 - 115	2	30
2-Nitrophenol	80.0	60.7		ug/L		76	60 - 125	3	30
3,3'-Dichlorobenzidine	80.0	63.0		ug/L		79	53 - 125	1	30
3-Nitroaniline	80.0	54.2		ug/L		68	60 - 112	2	30
4,6-Dinitro-2-methylphenol	160	128		ug/L		80	47 - 150	6	30
4-Bromophenyl phenyl ether	80.0	56.7		ug/L		71	59 - 117	10	30
4-Chloro-3-methylphenol	80.0	53.9		ug/L		67	61 - 100	2	30
4-Chloroaniline	80.0	43.2		ug/L		54	42 - 114	1	30
4-Chlorophenyl phenyl ether	80.0	58.5		ug/L		73	63 - 113	2	30
4-Methylphenol	80.0	41.0		ug/L		51	42 - 79	1	30
4-Nitroaniline	80.0	64.5		ug/L		81	58 - 120	4	30
4-Nitrophenol	160	48.8		ug/L		30	14 - 54	1	30
Acenaphthene	80.0	56.6		ug/L		71	60 - 110	0	30
Acenaphthylene	80.0	52.9		ug/L		66	64 - 109	0	30
Acetophenone	80.0	58.5		ug/L		73	66 - 111	1	30
Anthracene	80.0	62.1		ug/L		78	65 - 109	1	30
Atrazine	40.0	38.1		ug/L		95	24 - 150	0	30
Benzaldehyde	40.0	33.0		ug/L		82	16 - 150	1	30
Benzo[a]anthracene	80.0	60.5		ug/L		76	62 - 106	1	30
Benzo[a]pyrene	80.0	58.1		ug/L		73	66 - 127	4	30
Benzo[b]fluoranthene	80.0	62.6		ug/L		78	66 - 125	1	30
Benzo[g,h,i]perylene	80.0	62.1		ug/L		78	49 - 149	1	30
Benzo[k]fluoranthene	80.0	65.3		ug/L		82	64 - 125	4	30
Bis(2-chloroethoxy)methane	80.0	59.8		ug/L		75	64 - 107	0	30
Bis(2-chloroethyl)ether	80.0	59.5		ug/L		74	63 - 110	0	30
Bis(2-ethylhexyl) phthalate	80.0	66.1		ug/L		83	60 - 120	1	30
Butyl benzyl phthalate	80.0	64.8		ug/L		81	58 - 119	0	30
Caprolactam	40.0	8.91	J	ug/L		22	10 - 73	9	30
Carbazole	80.0	63.1		ug/L		79	65 - 109	1	30
Chrysene	80.0	60.4		ug/L		76	63 - 108	1	30
Dibenz(a,h)anthracene	80.0	66.1		ug/L		83	55 - 150	2	30
Dibenzofuran	80.0	57.0		ug/L		71	66 - 109	0	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-832639/3-A
Matrix: Water
Analysis Batch: 832677

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832639

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	RPD Limit
							Limits	RPD		
Diethyl phthalate	80.0	64.1		ug/L		80	69 - 112	1	30	
Dimethyl phthalate	80.0	62.9		ug/L		79	70 - 112	1	30	
Di-n-butyl phthalate	80.0	63.6		ug/L		79	66 - 110	1	30	
Di-n-octyl phthalate	80.0	65.0		ug/L		81	54 - 128	3	30	
Fluoranthene	80.0	63.2		ug/L		79	65 - 113	1	30	
Fluorene	80.0	59.3		ug/L		74	65 - 111	1	30	
Hexachlorobenzene	80.0	62.8		ug/L		79	61 - 117	2	30	
Hexachlorobutadiene	80.0	37.9		ug/L		47	10 - 133	2	30	
Hexachlorocyclopentadiene	80.0	32.8		ug/L		41	10 - 123	2	30	
Hexachloroethane	80.0	39.6		ug/L		50	17 - 115	2	30	
Indeno[1,2,3-cd]pyrene	80.0	63.5		ug/L		79	54 - 150	2	30	
Isophorone	80.0	59.0		ug/L		74	68 - 114	0	30	
Naphthalene	80.0	48.3		ug/L		60	58 - 105	0	30	
Nitrobenzene	80.0	65.9		ug/L		82	71 - 116	4	30	
N-Nitrosodi-n-propylamine	80.0	59.7		ug/L		75	60 - 119	1	30	
N-Nitrosodiphenylamine	80.0	62.4		ug/L		78	63 - 109	2	30	
Pentachlorophenol	160	135		ug/L		84	54 - 131	3	30	
Phenanthrene	80.0	62.4		ug/L		78	65 - 108	2	30	
Phenol	80.0	22.4		ug/L		28	20 - 50	1	30	
Pyrene	80.0	61.6		ug/L		77	54 - 114	1	30	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	84		33 - 150
2-Fluorobiphenyl	78		42 - 127
2-Fluorophenol (Surr)	44		18 - 72
Nitrobenzene-d5 (Surr)	81		46 - 137
Phenol-d5 (Surr)	29		10 - 50
Terphenyl-d14 (Surr)	79		39 - 150

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-832367/1-A
Matrix: Water
Analysis Batch: 832378

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832367

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		03/08/22 23:26	03/09/22 06:05	1
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		03/08/22 23:26	03/09/22 06:05	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		03/08/22 23:26	03/09/22 06:05	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		03/08/22 23:26	03/09/22 06:05	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		03/08/22 23:26	03/09/22 06:05	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		03/08/22 23:26	03/09/22 06:05	1
Aldrin	0.020	U	0.020	0.0030	ug/L		03/08/22 23:26	03/09/22 06:05	1
Aldrin	0.020	U	0.020	0.0030	ug/L		03/08/22 23:26	03/09/22 06:05	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		03/08/22 23:26	03/09/22 06:05	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		03/08/22 23:26	03/09/22 06:05	1
beta-BHC	0.020	U	0.020	0.015	ug/L		03/08/22 23:26	03/09/22 06:05	1
beta-BHC	0.020	U	0.020	0.015	ug/L		03/08/22 23:26	03/09/22 06:05	1
Chlordane (technical)	0.50	U	0.50	0.055	ug/L		03/08/22 23:26	03/09/22 06:05	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-832367/1-A
Matrix: Water
Analysis Batch: 832378

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832367

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chlordane (technical)	0.50	U	0.50	0.055	ug/L		03/08/22 23:26	03/09/22 06:05	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		03/08/22 23:26	03/09/22 06:05	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		03/08/22 23:26	03/09/22 06:05	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		03/08/22 23:26	03/09/22 06:05	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		03/08/22 23:26	03/09/22 06:05	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		03/08/22 23:26	03/09/22 06:05	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		03/08/22 23:26	03/09/22 06:05	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		03/08/22 23:26	03/09/22 06:05	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		03/08/22 23:26	03/09/22 06:05	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		03/08/22 23:26	03/09/22 06:05	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		03/08/22 23:26	03/09/22 06:05	1
Endrin	0.020	U	0.020	0.0040	ug/L		03/08/22 23:26	03/09/22 06:05	1
Endrin	0.020	U	0.020	0.0040	ug/L		03/08/22 23:26	03/09/22 06:05	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		03/08/22 23:26	03/09/22 06:05	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		03/08/22 23:26	03/09/22 06:05	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		03/08/22 23:26	03/09/22 06:05	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		03/08/22 23:26	03/09/22 06:05	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		03/08/22 23:26	03/09/22 06:05	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		03/08/22 23:26	03/09/22 06:05	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		03/08/22 23:26	03/09/22 06:05	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		03/08/22 23:26	03/09/22 06:05	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		03/08/22 23:26	03/09/22 06:05	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		03/08/22 23:26	03/09/22 06:05	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		03/08/22 23:26	03/09/22 06:05	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		03/08/22 23:26	03/09/22 06:05	1
Toxaphene	0.50	U	0.50	0.11	ug/L		03/08/22 23:26	03/09/22 06:05	1
Toxaphene	0.50	U	0.50	0.11	ug/L		03/08/22 23:26	03/09/22 06:05	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	84		10 - 150	03/08/22 23:26	03/09/22 06:05	1
DCB Decachlorobiphenyl	87		10 - 150	03/08/22 23:26	03/09/22 06:05	1
Tetrachloro-m-xylene	74		10 - 150	03/08/22 23:26	03/09/22 06:05	1
Tetrachloro-m-xylene	69		10 - 150	03/08/22 23:26	03/09/22 06:05	1

Lab Sample ID: LCS 460-832367/2-A
Matrix: Water
Analysis Batch: 832378

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832367

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.800	0.755		ug/L		94	67 - 135
4,4'-DDE	0.800	0.788		ug/L		99	65 - 135
4,4'-DDE	0.800	0.783		ug/L		98	65 - 135
4,4'-DDT	0.800	0.728		ug/L		91	62 - 136
4,4'-DDT	0.800	0.757		ug/L		95	62 - 136
Aldrin	0.800	0.746		ug/L		93	53 - 142
Aldrin	0.800	0.762		ug/L		95	53 - 142
alpha-BHC	0.800	0.736		ug/L		92	65 - 134

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-832367/2-A
Matrix: Water
Analysis Batch: 832378

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832367

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
alpha-BHC	0.800	0.778		ug/L		97	65 - 134
beta-BHC	0.800	0.772		ug/L		96	72 - 141
beta-BHC	0.800	0.784		ug/L		98	72 - 141
delta-BHC	0.800	0.607		ug/L		76	41 - 147
delta-BHC	0.800	0.628		ug/L		78	41 - 147
Dieldrin	0.800	0.774		ug/L		97	66 - 133
Dieldrin	0.800	0.752		ug/L		94	66 - 133
Endosulfan I	0.800	0.738		ug/L		92	64 - 132
Endosulfan I	0.800	0.741		ug/L		93	64 - 132
Endosulfan II	0.800	0.753		ug/L		94	67 - 134
Endosulfan II	0.800	0.758		ug/L		95	67 - 134
Endosulfan sulfate	0.800	0.755		ug/L		94	47 - 158
Endosulfan sulfate	0.800	0.721		ug/L		90	47 - 158
Endrin	0.800	0.753		ug/L		94	67 - 132
Endrin	0.800	0.747		ug/L		93	67 - 132
Endrin aldehyde	0.800	0.745		ug/L		93	54 - 132
Endrin aldehyde	0.800	0.710		ug/L		89	54 - 132
Endrin ketone	0.800	0.745		ug/L		93	68 - 132
Endrin ketone	0.800	0.696		ug/L		87	68 - 132
gamma-BHC (Lindane)	0.800	0.757		ug/L		95	65 - 134
gamma-BHC (Lindane)	0.800	0.777		ug/L		97	65 - 134
Heptachlor	0.800	0.709		ug/L		89	63 - 128
Heptachlor	0.800	0.740		ug/L		92	63 - 128
Heptachlor epoxide	0.800	0.739		ug/L		92	66 - 128
Heptachlor epoxide	0.800	0.746		ug/L		93	66 - 128
Methoxychlor	0.800	0.689		ug/L		86	42 - 151
Methoxychlor	0.800	0.686		ug/L		86	42 - 151

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	83		10 - 150
DCB Decachlorobiphenyl	93		10 - 150
Tetrachloro-m-xylene	77		10 - 150
Tetrachloro-m-xylene	82		10 - 150

Lab Sample ID: LCSD 460-832367/3-A
Matrix: Water
Analysis Batch: 832378

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832367

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	0.800	0.832		ug/L		104	67 - 135	7	30
4,4'-DDD	0.800	0.764		ug/L		96	67 - 135	1	30
4,4'-DDE	0.800	0.844		ug/L		105	65 - 135	7	30
4,4'-DDE	0.800	0.795		ug/L		99	65 - 135	1	30
4,4'-DDT	0.800	0.746		ug/L		93	62 - 136	2	30
4,4'-DDT	0.800	0.762		ug/L		95	62 - 136	1	30
Aldrin	0.800	0.808		ug/L		101	53 - 142	8	30
Aldrin	0.800	0.775		ug/L		97	53 - 142	2	30
alpha-BHC	0.800	0.800		ug/L		100	65 - 134	8	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-832367/3-A
Matrix: Water
Analysis Batch: 832378

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832367

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
alpha-BHC	0.800	0.786		ug/L		98	65 - 134	1	30
beta-BHC	0.800	0.835		ug/L		104	72 - 141	8	30
beta-BHC	0.800	0.792		ug/L		99	72 - 141	1	30
delta-BHC	0.800	0.636		ug/L		79	41 - 147	5	30
delta-BHC	0.800	0.633		ug/L		79	41 - 147	1	30
Dieldrin	0.800	0.830		ug/L		104	66 - 133	7	30
Dieldrin	0.800	0.765		ug/L		96	66 - 133	2	30
Endosulfan I	0.800	0.785		ug/L		98	64 - 132	6	30
Endosulfan I	0.800	0.756		ug/L		95	64 - 132	2	30
Endosulfan II	0.800	0.813		ug/L		102	67 - 134	8	30
Endosulfan II	0.800	0.773		ug/L		97	67 - 134	2	30
Endosulfan sulfate	0.800	0.801		ug/L		100	47 - 158	6	30
Endosulfan sulfate	0.800	0.750		ug/L		94	47 - 158	4	30
Endrin	0.800	0.798		ug/L		100	67 - 132	6	30
Endrin	0.800	0.756		ug/L		95	67 - 132	1	30
Endrin aldehyde	0.800	0.806		ug/L		101	54 - 132	8	30
Endrin aldehyde	0.800	0.737		ug/L		92	54 - 132	4	30
Endrin ketone	0.800	0.784		ug/L		98	68 - 132	5	30
Endrin ketone	0.800	0.718		ug/L		90	68 - 132	3	30
gamma-BHC (Lindane)	0.800	0.808		ug/L		101	65 - 134	7	30
gamma-BHC (Lindane)	0.800	0.784		ug/L		98	65 - 134	1	30
Heptachlor	0.800	0.758		ug/L		95	63 - 128	7	30
Heptachlor	0.800	0.743		ug/L		93	63 - 128	0	30
Heptachlor epoxide	0.800	0.796		ug/L		100	66 - 128	7	30
Heptachlor epoxide	0.800	0.759		ug/L		95	66 - 128	2	30
Methoxychlor	0.800	0.703		ug/L		88	42 - 151	2	30
Methoxychlor	0.800	0.688		ug/L		86	42 - 151	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
DCB Decachlorobiphenyl	93		10 - 150
DCB Decachlorobiphenyl	100		10 - 150
Tetrachloro-m-xylene	86		10 - 150
Tetrachloro-m-xylene	85		10 - 150

Lab Sample ID: MB 460-832550/1-A
Matrix: Solid
Analysis Batch: 832613

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832550

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		03/09/22 17:19	03/10/22 05:58	1

Eurolins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-832550/1-A
Matrix: Solid
Analysis Batch: 832613

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832550

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		03/09/22 17:19	03/10/22 05:58	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		03/09/22 17:19	03/10/22 05:58	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	71		10 - 150	03/09/22 17:19	03/10/22 05:58	1
DCB Decachlorobiphenyl	92		10 - 150	03/09/22 17:19	03/10/22 05:58	1
Tetrachloro-m-xylene	72		10 - 133	03/09/22 17:19	03/10/22 05:58	1
Tetrachloro-m-xylene	69		10 - 133	03/09/22 17:19	03/10/22 05:58	1

Lab Sample ID: LCS 460-832550/2-A
Matrix: Solid
Analysis Batch: 832613

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832550

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
4,4'-DDD	0.133	0.120		mg/Kg		90	70 - 140
4,4'-DDD	0.133	0.118		mg/Kg		89	70 - 140
4,4'-DDE	0.133	0.123		mg/Kg		93	71 - 137
4,4'-DDE	0.133	0.122		mg/Kg		91	71 - 137
4,4'-DDT	0.133	0.118		mg/Kg		89	63 - 131

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-832550/2-A
Matrix: Solid
Analysis Batch: 832613

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832550

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDT	0.133	0.121		mg/Kg		91	63 - 131
Aldrin	0.133	0.119		mg/Kg		89	74 - 140
Aldrin	0.133	0.119		mg/Kg		89	74 - 140
alpha-BHC	0.133	0.120		mg/Kg		90	72 - 142
alpha-BHC	0.133	0.123		mg/Kg		92	72 - 142
beta-BHC	0.133	0.121		mg/Kg		90	65 - 137
beta-BHC	0.133	0.120		mg/Kg		90	65 - 137
delta-BHC	0.133	0.119		mg/Kg		89	70 - 143
delta-BHC	0.133	0.120		mg/Kg		90	70 - 143
Dieldrin	0.133	0.121		mg/Kg		91	70 - 135
Dieldrin	0.133	0.117		mg/Kg		88	70 - 135
Endosulfan I	0.133	0.113		mg/Kg		85	68 - 135
Endosulfan I	0.133	0.115		mg/Kg		87	68 - 135
Endosulfan II	0.133	0.115		mg/Kg		86	64 - 130
Endosulfan II	0.133	0.119		mg/Kg		90	64 - 130
Endosulfan sulfate	0.133	0.115		mg/Kg		86	66 - 143
Endosulfan sulfate	0.133	0.116		mg/Kg		87	66 - 143
Endrin	0.133	0.118		mg/Kg		89	68 - 136
Endrin	0.133	0.118		mg/Kg		89	68 - 136
Endrin aldehyde	0.133	0.114		mg/Kg		86	68 - 132
Endrin aldehyde	0.133	0.113		mg/Kg		85	68 - 132
Endrin ketone	0.133	0.118		mg/Kg		88	60 - 150
Endrin ketone	0.133	0.109		mg/Kg		82	60 - 150
gamma-BHC (Lindane)	0.133	0.120		mg/Kg		90	70 - 134
gamma-BHC (Lindane)	0.133	0.121		mg/Kg		91	70 - 134
Heptachlor	0.133	0.114		mg/Kg		86	69 - 134
Heptachlor	0.133	0.118		mg/Kg		88	69 - 134
Heptachlor epoxide	0.133	0.116		mg/Kg		87	70 - 135
Heptachlor epoxide	0.133	0.116		mg/Kg		87	70 - 135
Methoxychlor	0.133	0.112		mg/Kg		84	57 - 135
Methoxychlor	0.133	0.112		mg/Kg		84	57 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	75		10 - 150
DCB Decachlorobiphenyl	94		10 - 150
Tetrachloro-m-xylene	75		10 - 133
Tetrachloro-m-xylene	74		10 - 133

Lab Sample ID: LCSD 460-832550/3-A
Matrix: Solid
Analysis Batch: 832613

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832550

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	0.133	0.122		mg/Kg		91	70 - 140	2	30
4,4'-DDD	0.133	0.115		mg/Kg		86	70 - 140	3	30
4,4'-DDE	0.133	0.124		mg/Kg		93	71 - 137	1	30
4,4'-DDE	0.133	0.118		mg/Kg		88	71 - 137	3	30
4,4'-DDT	0.133	0.121		mg/Kg		90	63 - 131	2	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-832550/3-A
Matrix: Solid
Analysis Batch: 832613

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832550

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDT	0.133	0.117		mg/Kg		88	63 - 131	3	30
Aldrin	0.133	0.120		mg/Kg		90	74 - 140	1	30
Aldrin	0.133	0.116		mg/Kg		87	74 - 140	3	30
alpha-BHC	0.133	0.120		mg/Kg		90	72 - 142	0	30
alpha-BHC	0.133	0.119		mg/Kg		90	72 - 142	3	30
beta-BHC	0.133	0.121		mg/Kg		91	65 - 137	1	30
beta-BHC	0.133	0.117		mg/Kg		88	65 - 137	3	30
delta-BHC	0.133	0.117		mg/Kg		88	70 - 143	1	30
delta-BHC	0.133	0.116		mg/Kg		87	70 - 143	3	30
Dieldrin	0.133	0.122		mg/Kg		91	70 - 135	1	30
Dieldrin	0.133	0.114		mg/Kg		85	70 - 135	3	30
Endosulfan I	0.133	0.114		mg/Kg		85	68 - 135	0	30
Endosulfan I	0.133	0.112		mg/Kg		84	68 - 135	3	30
Endosulfan II	0.133	0.117		mg/Kg		88	64 - 130	2	30
Endosulfan II	0.133	0.116		mg/Kg		87	64 - 130	3	30
Endosulfan sulfate	0.133	0.118		mg/Kg		88	66 - 143	2	30
Endosulfan sulfate	0.133	0.113		mg/Kg		85	66 - 143	3	30
Endrin	0.133	0.120		mg/Kg		90	68 - 136	2	30
Endrin	0.133	0.115		mg/Kg		86	68 - 136	3	30
Endrin aldehyde	0.133	0.117		mg/Kg		88	68 - 132	2	30
Endrin aldehyde	0.133	0.110		mg/Kg		82	68 - 132	3	30
Endrin ketone	0.133	0.114		mg/Kg		86	60 - 150	3	30
Endrin ketone	0.133	0.106		mg/Kg		79	60 - 150	3	30
gamma-BHC (Lindane)	0.133	0.120		mg/Kg		90	70 - 134	0	30
gamma-BHC (Lindane)	0.133	0.118		mg/Kg		88	70 - 134	3	30
Heptachlor	0.133	0.115		mg/Kg		86	69 - 134	1	30
Heptachlor	0.133	0.113		mg/Kg		85	69 - 134	4	30
Heptachlor epoxide	0.133	0.117		mg/Kg		88	70 - 135	1	30
Heptachlor epoxide	0.133	0.113		mg/Kg		85	70 - 135	3	30
Methoxychlor	0.133	0.115		mg/Kg		86	57 - 135	3	30
Methoxychlor	0.133	0.108		mg/Kg		81	57 - 135	4	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
DCB Decachlorobiphenyl	78		10 - 150
DCB Decachlorobiphenyl	101		10 - 150
Tetrachloro-m-xylene	75		10 - 133
Tetrachloro-m-xylene	73		10 - 133

Lab Sample ID: MB 460-832551/1-A
Matrix: Solid
Analysis Batch: 832606

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832551

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		03/09/22 17:20	03/10/22 05:25	1

Eurolins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-832551/1-A
Matrix: Solid
Analysis Batch: 832606

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832551

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		03/09/22 17:20	03/10/22 05:25	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		03/09/22 17:20	03/10/22 05:25	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	81		10 - 150	03/09/22 17:20	03/10/22 05:25	1
DCB Decachlorobiphenyl	84		10 - 150	03/09/22 17:20	03/10/22 05:25	1
Tetrachloro-m-xylene	73		10 - 133	03/09/22 17:20	03/10/22 05:25	1
Tetrachloro-m-xylene	69		10 - 133	03/09/22 17:20	03/10/22 05:25	1

Lab Sample ID: LCS 460-832551/2-A
Matrix: Solid
Analysis Batch: 832606

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832551

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-832551/2-A
Matrix: Solid
Analysis Batch: 832606

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832551

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.133	0.138		mg/Kg		104	70 - 140
4,4'-DDE	0.133	0.129		mg/Kg		97	71 - 137
4,4'-DDE	0.133	0.131		mg/Kg		98	71 - 137
4,4'-DDT	0.133	0.121		mg/Kg		91	63 - 131
4,4'-DDT	0.133	0.139		mg/Kg		104	63 - 131
Aldrin	0.133	0.133		mg/Kg		100	74 - 140
Aldrin	0.133	0.132		mg/Kg		99	74 - 140
alpha-BHC	0.133	0.135		mg/Kg		101	72 - 142
alpha-BHC	0.133	0.132		mg/Kg		99	72 - 142
beta-BHC	0.133	0.140		mg/Kg		105	65 - 137
beta-BHC	0.133	0.140		mg/Kg		105	65 - 137
delta-BHC	0.133	0.127		mg/Kg		96	70 - 143
delta-BHC	0.133	0.130		mg/Kg		97	70 - 143
Dieldrin	0.133	0.138		mg/Kg		104	70 - 135
Dieldrin	0.133	0.135		mg/Kg		101	70 - 135
Endosulfan I	0.133	0.132		mg/Kg		99	68 - 135
Endosulfan I	0.133	0.130		mg/Kg		98	68 - 135
Endosulfan II	0.133	0.145		mg/Kg		108	64 - 130
Endosulfan II	0.133	0.141		mg/Kg		106	64 - 130
Endosulfan sulfate	0.133	0.131		mg/Kg		98	66 - 143
Endosulfan sulfate	0.133	0.149		mg/Kg		111	66 - 143
Endrin	0.133	0.136		mg/Kg		102	68 - 136
Endrin	0.133	0.139		mg/Kg		104	68 - 136
Endrin aldehyde	0.133	0.134		mg/Kg		101	68 - 132
Endrin aldehyde	0.133	0.134		mg/Kg		101	68 - 132
Endrin ketone	0.133	0.138		mg/Kg		103	60 - 150
Endrin ketone	0.133	0.138		mg/Kg		104	60 - 150
gamma-BHC (Lindane)	0.133	0.135		mg/Kg		101	70 - 134
gamma-BHC (Lindane)	0.133	0.128		mg/Kg		96	70 - 134
Heptachlor	0.133	0.135		mg/Kg		101	69 - 134
Heptachlor	0.133	0.136		mg/Kg		102	69 - 134
Heptachlor epoxide	0.133	0.135		mg/Kg		101	70 - 135
Heptachlor epoxide	0.133	0.130		mg/Kg		98	70 - 135
Methoxychlor	0.133	0.100		mg/Kg		75	57 - 135
Methoxychlor	0.133	0.130		mg/Kg		98	57 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	88		10 - 150
DCB Decachlorobiphenyl	91		10 - 150
Tetrachloro-m-xylene	78		10 - 133
Tetrachloro-m-xylene	76		10 - 133

Lab Sample ID: LCSD 460-832551/3-A
Matrix: Solid
Analysis Batch: 832606

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832551

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	0.133	0.118		mg/Kg		89	70 - 140	NaN	30

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-832551/3-A
Matrix: Solid
Analysis Batch: 832606

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832551

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	0.133	0.137		mg/Kg		103	70 - 140	12	30
4,4'-DDE	0.133	0.126		mg/Kg		95	71 - 137	NaN	30
4,4'-DDE	0.133	0.130		mg/Kg		98	71 - 137	1	30
4,4'-DDT	0.133	0.118		mg/Kg		89	63 - 131	NaN	30
4,4'-DDT	0.133	0.137		mg/Kg		103	63 - 131	13	30
Aldrin	0.133	0.132		mg/Kg		99	74 - 140	NaN	30
Aldrin	0.133	0.129		mg/Kg		96	74 - 140	4	30
alpha-BHC	0.133	0.132		mg/Kg		99	72 - 142	NaN	30
alpha-BHC	0.133	0.128		mg/Kg		96	72 - 142	5	30
beta-BHC	0.133	0.137		mg/Kg		103	65 - 137	NaN	30
beta-BHC	0.133	0.137		mg/Kg		103	65 - 137	2	30
delta-BHC	0.133	0.123		mg/Kg		92	70 - 143	NaN	30
delta-BHC	0.133	0.127		mg/Kg		95	70 - 143	1	30
Dieldrin	0.133	0.136		mg/Kg		102	70 - 135	NaN	30
Dieldrin	0.133	0.134		mg/Kg		101	70 - 135	3	30
Endosulfan I	0.133	0.130		mg/Kg		98	68 - 135	NaN	30
Endosulfan I	0.133	0.130		mg/Kg		98	68 - 135	2	30
Endosulfan II	0.133	0.144		mg/Kg		108	64 - 130	NaN	30
Endosulfan II	0.133	0.140		mg/Kg		105	64 - 130	4	30
Endosulfan sulfate	0.133	0.129		mg/Kg		97	66 - 143	NaN	30
Endosulfan sulfate	0.133	0.145		mg/Kg		108	66 - 143	10	30
Endrin	0.133	0.134		mg/Kg		100	68 - 136	NaN	30
Endrin	0.133	0.138		mg/Kg		103	68 - 136	1	30
Endrin aldehyde	0.133	0.131		mg/Kg		99	68 - 132	NaN	30
Endrin aldehyde	0.133	0.133		mg/Kg		100	68 - 132	1	30
Endrin ketone	0.133	0.133		mg/Kg		100	60 - 150	NaN	30
Endrin ketone	0.133	0.134		mg/Kg		101	60 - 150	2	30
gamma-BHC (Lindane)	0.133	0.132		mg/Kg		99	70 - 134	NaN	30
gamma-BHC (Lindane)	0.133	0.125		mg/Kg		94	70 - 134	8	30
Heptachlor	0.133	0.133		mg/Kg		100	69 - 134	NaN	30
Heptachlor	0.133	0.133		mg/Kg		100	69 - 134	2	30
Heptachlor epoxide	0.133	0.134		mg/Kg		100	70 - 135	NaN	30
Heptachlor epoxide	0.133	0.129		mg/Kg		97	70 - 135	4	30
Methoxychlor	0.133	0.0962		mg/Kg		72	57 - 135	NaN	30
Methoxychlor	0.133	0.129		mg/Kg		96	57 - 135	25	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
DCB Decachlorobiphenyl	87		10 - 150
DCB Decachlorobiphenyl	88		10 - 150
Tetrachloro-m-xylene	74		10 - 133
Tetrachloro-m-xylene	75		10 - 133

Lab Sample ID: 460-253911-1 MS
Matrix: Solid
Analysis Batch: 832606

Client Sample ID: SB-01_1-3_20220308
Prep Type: Total/NA
Prep Batch: 832551

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.0077	U	0.155	0.121		mg/Kg	☆	78	70 - 140

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-253911-1 MS

Matrix: Solid

Analysis Batch: 832606

Client Sample ID: SB-01_1-3_20220308

Prep Type: Total/NA

Prep Batch: 832551

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
4,4'-DDD	0.0077	U	0.155	0.120		mg/Kg	⊛	78	70 - 140	
4,4'-DDE	0.0077	U	0.155	0.120		mg/Kg	⊛	78	71 - 137	
4,4'-DDE	0.0077	U	0.155	0.111		mg/Kg	⊛	72	71 - 137	
4,4'-DDT	0.0077	U	0.155	0.114		mg/Kg	⊛	74	63 - 131	
4,4'-DDT	0.0077	U	0.155	0.123		mg/Kg	⊛	80	63 - 131	
Aldrin	0.0077	U	0.155	0.125		mg/Kg	⊛	81	74 - 140	
Aldrin	0.0077	U	0.155	0.113	*	mg/Kg	⊛	73	74 - 140	
alpha-BHC	0.0023	U	0.155	0.124		mg/Kg	⊛	80	72 - 142	
alpha-BHC	0.0023	U	0.155	0.116		mg/Kg	⊛	75	72 - 142	
beta-BHC	0.0023	U	0.155	0.128		mg/Kg	⊛	83	65 - 137	
beta-BHC	0.0023	U	0.155	0.112		mg/Kg	⊛	72	65 - 137	
delta-BHC	0.0023	U	0.155	0.124		mg/Kg	⊛	80	70 - 143	
delta-BHC	0.0023	U	0.155	0.113		mg/Kg	⊛	73	70 - 143	
Dieldrin	0.0023	U	0.155	0.127		mg/Kg	⊛	82	70 - 135	
Dieldrin	0.0023	U	0.155	0.117		mg/Kg	⊛	76	70 - 135	
Endosulfan I	0.0077	U	0.155	0.122		mg/Kg	⊛	79	68 - 135	
Endosulfan I	0.0077	U	0.155	0.115		mg/Kg	⊛	74	68 - 135	
Endosulfan II	0.0077	U	0.155	0.133		mg/Kg	⊛	86	64 - 130	
Endosulfan II	0.0077	U	0.155	0.126		mg/Kg	⊛	81	64 - 130	
Endosulfan sulfate	0.0077	U	0.155	0.125		mg/Kg	⊛	81	66 - 143	
Endosulfan sulfate	0.0077	U	0.155	0.129		mg/Kg	⊛	83	66 - 143	
Endrin	0.0077	U	0.155	0.120		mg/Kg	⊛	78	68 - 136	
Endrin	0.0077	U	0.155	0.118		mg/Kg	⊛	76	68 - 136	
Endrin aldehyde	0.0077	U	0.155	0.126		mg/Kg	⊛	81	68 - 132	
Endrin aldehyde	0.0077	U	0.155	0.115		mg/Kg	⊛	75	68 - 132	
Endrin ketone	0.0077	U	0.155	0.136		mg/Kg	⊛	88	60 - 150	
Endrin ketone	0.0077	U	0.155	0.123		mg/Kg	⊛	79	60 - 150	
gamma-BHC (Lindane)	0.0023	U	0.155	0.126		mg/Kg	⊛	82	70 - 134	
gamma-BHC (Lindane)	0.0023	U	0.155	0.109		mg/Kg	⊛	70	70 - 134	
Heptachlor	0.0077	U	0.155	0.127		mg/Kg	⊛	82	69 - 134	
Heptachlor	0.0077	U	0.155	0.119		mg/Kg	⊛	77	69 - 134	
Heptachlor epoxide	0.0077	U	0.155	0.125		mg/Kg	⊛	81	70 - 135	
Heptachlor epoxide	0.0077	U	0.155	0.116		mg/Kg	⊛	75	70 - 135	
Methoxychlor	0.0077	U	0.155	0.100		mg/Kg	⊛	65	57 - 135	
Methoxychlor	0.0077	U	0.155	0.115		mg/Kg	⊛	74	57 - 135	

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	71		10 - 150
DCB Decachlorobiphenyl	66		10 - 150
Tetrachloro-m-xylene	65		10 - 133
Tetrachloro-m-xylene	60		10 - 133

Lab Sample ID: 460-253911-1 MSD

Matrix: Solid

Analysis Batch: 832606

Client Sample ID: SB-01_1-3_20220308

Prep Type: Total/NA

Prep Batch: 832551

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier							
4,4'-DDD	0.0077	U	0.154	0.111		mg/Kg	⊛	72	70 - 140	9	30	

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 460-253911-1 MSD

Client Sample ID: SB-01_1-3_20220308

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 832606

Prep Batch: 832551

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Added	Result						
4,4'-DDD	0.0077	U	0.154	0.109		mg/Kg	☼	71	70 - 140	10	30
4,4'-DDE	0.0077	U	0.154	0.109		mg/Kg	☼	71	71 - 137	10	30
4,4'-DDE	0.0077	U	0.154	0.102	*	mg/Kg	☼	66	71 - 137	8	30
4,4'-DDT	0.0077	U	0.154	0.104		mg/Kg	☼	68	63 - 131	9	30
4,4'-DDT	0.0077	U	0.154	0.109		mg/Kg	☼	70	63 - 131	12	30
Aldrin	0.0077	U	0.154	0.113	*	mg/Kg	☼	73	74 - 140	10	30
Aldrin	0.0077	U	0.154	0.106	*	mg/Kg	☼	69	74 - 140	6	30
alpha-BHC	0.0023	U	0.154	0.113		mg/Kg	☼	73	72 - 142	9	30
alpha-BHC	0.0023	U	0.154	0.107	*	mg/Kg	☼	69	72 - 142	8	30
beta-BHC	0.0023	U	0.154	0.117		mg/Kg	☼	76	65 - 137	9	30
beta-BHC	0.0023	U	0.154	0.107		mg/Kg	☼	69	65 - 137	4	30
delta-BHC	0.0023	U	0.154	0.112		mg/Kg	☼	72	70 - 143	11	30
delta-BHC	0.0023	U	0.154	0.105	*	mg/Kg	☼	68	70 - 143	7	30
Dieldrin	0.0023	U	0.154	0.116		mg/Kg	☼	75	70 - 135	8	30
Dieldrin	0.0023	U	0.154	0.110		mg/Kg	☼	71	70 - 135	7	30
Endosulfan I	0.0077	U	0.154	0.111		mg/Kg	☼	72	68 - 135	9	30
Endosulfan I	0.0077	U	0.154	0.107		mg/Kg	☼	69	68 - 135	7	30
Endosulfan II	0.0077	U	0.154	0.122		mg/Kg	☼	79	64 - 130	8	30
Endosulfan II	0.0077	U	0.154	0.113		mg/Kg	☼	73	64 - 130	11	30
Endosulfan sulfate	0.0077	U	0.154	0.116		mg/Kg	☼	75	66 - 143	8	30
Endosulfan sulfate	0.0077	U	0.154	0.119		mg/Kg	☼	77	66 - 143	8	30
Endrin	0.0077	U	0.154	0.110		mg/Kg	☼	71	68 - 136	9	30
Endrin	0.0077	U	0.154	0.107		mg/Kg	☼	69	68 - 136	9	30
Endrin aldehyde	0.0077	U	0.154	0.117		mg/Kg	☼	76	68 - 132	7	30
Endrin aldehyde	0.0077	U	0.154	0.106		mg/Kg	☼	69	68 - 132	8	30
Endrin ketone	0.0077	U	0.154	0.125		mg/Kg	☼	81	60 - 150	8	30
Endrin ketone	0.0077	U	0.154	0.113		mg/Kg	☼	73	60 - 150	8	30
gamma-BHC (Lindane)	0.0023	U	0.154	0.115		mg/Kg	☼	74	70 - 134	10	30
gamma-BHC (Lindane)	0.0023	U	0.154	0.103	*	mg/Kg	☼	67	70 - 134	5	30
Heptachlor	0.0077	U	0.154	0.115		mg/Kg	☼	74	69 - 134	10	30
Heptachlor	0.0077	U	0.154	0.111		mg/Kg	☼	72	69 - 134	6	30
Heptachlor epoxide	0.0077	U	0.154	0.113		mg/Kg	☼	73	70 - 135	10	30
Heptachlor epoxide	0.0077	U	0.154	0.107		mg/Kg	☼	70	70 - 135	8	30
Methoxychlor	0.0077	U	0.154	0.0916		mg/Kg	☼	59	57 - 135	9	30
Methoxychlor	0.0077	U	0.154	0.106		mg/Kg	☼	69	57 - 135	8	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	77		10 - 150
DCB Decachlorobiphenyl	74		10 - 150
Tetrachloro-m-xylene	71		10 - 133
Tetrachloro-m-xylene	65		10 - 133

Lab Sample ID: MB 460-832650/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 832832

Prep Batch: 832650

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		03/10/22 08:07	03/11/22 05:38	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-832650/1-A
 Matrix: Water
 Analysis Batch: 832832

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 832650

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4,4'-DDD	0.020	U	0.020	0.0060	ug/L		03/10/22 08:07	03/11/22 05:38	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		03/10/22 08:07	03/11/22 05:38	1
4,4'-DDE	0.020	U	0.020	0.0020	ug/L		03/10/22 08:07	03/11/22 05:38	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 05:38	1
4,4'-DDT	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 05:38	1
Aldrin	0.020	U	0.020	0.0030	ug/L		03/10/22 08:07	03/11/22 05:38	1
Aldrin	0.020	U	0.020	0.0030	ug/L		03/10/22 08:07	03/11/22 05:38	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		03/10/22 08:07	03/11/22 05:38	1
alpha-BHC	0.020	U	0.020	0.0070	ug/L		03/10/22 08:07	03/11/22 05:38	1
beta-BHC	0.020	U	0.020	0.015	ug/L		03/10/22 08:07	03/11/22 05:38	1
beta-BHC	0.020	U	0.020	0.015	ug/L		03/10/22 08:07	03/11/22 05:38	1
Chlordane (technical)	0.50	U	0.50	0.055	ug/L		03/10/22 08:07	03/11/22 05:38	1
Chlordane (technical)	0.50	U	0.50	0.055	ug/L		03/10/22 08:07	03/11/22 05:38	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		03/10/22 08:07	03/11/22 05:38	1
delta-BHC	0.020	U	0.020	0.0050	ug/L		03/10/22 08:07	03/11/22 05:38	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		03/10/22 08:07	03/11/22 05:38	1
Dieldrin	0.020	U	0.020	0.0030	ug/L		03/10/22 08:07	03/11/22 05:38	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		03/10/22 08:07	03/11/22 05:38	1
Endosulfan I	0.020	U	0.020	0.0020	ug/L		03/10/22 08:07	03/11/22 05:38	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 05:38	1
Endosulfan II	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 05:38	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		03/10/22 08:07	03/11/22 05:38	1
Endosulfan sulfate	0.020	U	0.020	0.0060	ug/L		03/10/22 08:07	03/11/22 05:38	1
Endrin	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 05:38	1
Endrin	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 05:38	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		03/10/22 08:07	03/11/22 05:38	1
Endrin aldehyde	0.020	U	0.020	0.0080	ug/L		03/10/22 08:07	03/11/22 05:38	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		03/10/22 08:07	03/11/22 05:38	1
Endrin ketone	0.020	U	0.020	0.0080	ug/L		03/10/22 08:07	03/11/22 05:38	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		03/10/22 08:07	03/11/22 05:38	1
gamma-BHC (Lindane)	0.020	U	0.020	0.012	ug/L		03/10/22 08:07	03/11/22 05:38	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		03/10/22 08:07	03/11/22 05:38	1
Heptachlor	0.020	U	0.020	0.0030	ug/L		03/10/22 08:07	03/11/22 05:38	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		03/10/22 08:07	03/11/22 05:38	1
Heptachlor epoxide	0.020	U	0.020	0.0050	ug/L		03/10/22 08:07	03/11/22 05:38	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 05:38	1
Methoxychlor	0.020	U	0.020	0.0040	ug/L		03/10/22 08:07	03/11/22 05:38	1
Toxaphene	0.50	U	0.50	0.11	ug/L		03/10/22 08:07	03/11/22 05:38	1
Toxaphene	0.50	U	0.50	0.11	ug/L		03/10/22 08:07	03/11/22 05:38	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	62		10 - 150	03/10/22 08:07	03/11/22 05:38	1
DCB Decachlorobiphenyl	57		10 - 150	03/10/22 08:07	03/11/22 05:38	1
Tetrachloro-m-xylene	55		10 - 150	03/10/22 08:07	03/11/22 05:38	1
Tetrachloro-m-xylene	51		10 - 150	03/10/22 08:07	03/11/22 05:38	1

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-832650/2-A
Matrix: Water
Analysis Batch: 832832

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832650

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
4,4'-DDD	0.800	0.800		ug/L		100	67 - 135
4,4'-DDD	0.800	0.777		ug/L		97	67 - 135
4,4'-DDE	0.800	0.773		ug/L		97	65 - 135
4,4'-DDE	0.800	0.683		ug/L		85	65 - 135
4,4'-DDT	0.800	0.847		ug/L		106	62 - 136
4,4'-DDT	0.800	0.776		ug/L		97	62 - 136
Aldrin	0.800	0.753		ug/L		94	53 - 142
Aldrin	0.800	0.720		ug/L		90	53 - 142
alpha-BHC	0.800	0.742		ug/L		93	65 - 134
alpha-BHC	0.800	0.734		ug/L		92	65 - 134
beta-BHC	0.800	0.757		ug/L		95	72 - 141
beta-BHC	0.800	0.765		ug/L		96	72 - 141
delta-BHC	0.800	0.589		ug/L		74	41 - 147
delta-BHC	0.800	0.640		ug/L		80	41 - 147
Dieldrin	0.800	0.788		ug/L		98	66 - 133
Dieldrin	0.800	0.752		ug/L		94	66 - 133
Endosulfan I	0.800	0.780		ug/L		98	64 - 132
Endosulfan I	0.800	0.719		ug/L		90	64 - 132
Endosulfan II	0.800	0.815		ug/L		102	67 - 134
Endosulfan II	0.800	0.806		ug/L		101	67 - 134
Endosulfan sulfate	0.800	0.776		ug/L		97	47 - 158
Endosulfan sulfate	0.800	0.766		ug/L		96	47 - 158
Endrin	0.800	0.741		ug/L		93	67 - 132
Endrin	0.800	0.746		ug/L		93	67 - 132
Endrin aldehyde	0.800	0.762		ug/L		95	54 - 132
Endrin aldehyde	0.800	0.770		ug/L		96	54 - 132
Endrin ketone	0.800	0.860		ug/L		108	68 - 132
Endrin ketone	0.800	0.819		ug/L		102	68 - 132
gamma-BHC (Lindane)	0.800	0.769		ug/L		96	65 - 134
gamma-BHC (Lindane)	0.800	0.731		ug/L		91	65 - 134
Heptachlor	0.800	0.808		ug/L		101	63 - 128
Heptachlor	0.800	0.750		ug/L		94	63 - 128
Heptachlor epoxide	0.800	0.769		ug/L		96	66 - 128
Heptachlor epoxide	0.800	0.734		ug/L		92	66 - 128
Methoxychlor	0.800	0.838		ug/L		105	42 - 151
Methoxychlor	0.800	0.781		ug/L		98	42 - 151

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	85		10 - 150
DCB Decachlorobiphenyl	80		10 - 150
Tetrachloro-m-xylene	77		10 - 150
Tetrachloro-m-xylene	73		10 - 150

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-832650/3-A
Matrix: Water
Analysis Batch: 832832

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832650

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD
									Limit
4,4'-DDD	0.800	0.771		ug/L		96	67 - 135	4	30
4,4'-DDD	0.800	0.768		ug/L		96	67 - 135	1	30
4,4'-DDE	0.800	0.751		ug/L		94	65 - 135	3	30
4,4'-DDE	0.800	0.677		ug/L		85	65 - 135	1	30
4,4'-DDT	0.800	0.818		ug/L		102	62 - 136	3	30
4,4'-DDT	0.800	0.763		ug/L		95	62 - 136	2	30
Aldrin	0.800	0.740		ug/L		92	53 - 142	2	30
Aldrin	0.800	0.717		ug/L		90	53 - 142	1	30
alpha-BHC	0.800	0.732		ug/L		91	65 - 134	1	30
alpha-BHC	0.800	0.732		ug/L		92	65 - 134	0	30
beta-BHC	0.800	0.744		ug/L		93	72 - 141	2	30
beta-BHC	0.800	0.780		ug/L		97	72 - 141	2	30
delta-BHC	0.800	0.585		ug/L		73	41 - 147	1	30
delta-BHC	0.800	0.645		ug/L		81	41 - 147	1	30
Dieldrin	0.800	0.764		ug/L		96	66 - 133	3	30
Dieldrin	0.800	0.745		ug/L		93	66 - 133	1	30
Endosulfan I	0.800	0.758		ug/L		95	64 - 132	3	30
Endosulfan I	0.800	0.712		ug/L		89	64 - 132	1	30
Endosulfan II	0.800	0.787		ug/L		98	67 - 134	4	30
Endosulfan II	0.800	0.792		ug/L		99	67 - 134	2	30
Endosulfan sulfate	0.800	0.754		ug/L		94	47 - 158	3	30
Endosulfan sulfate	0.800	0.753		ug/L		94	47 - 158	2	30
Endrin	0.800	0.714		ug/L		89	67 - 132	4	30
Endrin	0.800	0.733		ug/L		92	67 - 132	2	30
Endrin aldehyde	0.800	0.736		ug/L		92	54 - 132	3	30
Endrin aldehyde	0.800	0.759		ug/L		95	54 - 132	1	30
Endrin ketone	0.800	0.841		ug/L		105	68 - 132	2	30
Endrin ketone	0.800	0.807		ug/L		101	68 - 132	2	30
gamma-BHC (Lindane)	0.800	0.756		ug/L		95	65 - 134	2	30
gamma-BHC (Lindane)	0.800	0.732		ug/L		91	65 - 134	0	30
Heptachlor	0.800	0.799		ug/L		100	63 - 128	1	30
Heptachlor	0.800	0.746		ug/L		93	63 - 128	0	30
Heptachlor epoxide	0.800	0.751		ug/L		94	66 - 128	2	30
Heptachlor epoxide	0.800	0.727		ug/L		91	66 - 128	1	30
Methoxychlor	0.800	0.814		ug/L		102	42 - 151	3	30
Methoxychlor	0.800	0.760		ug/L		95	42 - 151	3	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	87		10 - 150
DCB Decachlorobiphenyl	82		10 - 150
Tetrachloro-m-xylene	77		10 - 150
Tetrachloro-m-xylene	74		10 - 150

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-832436/1-A
Matrix: Water
Analysis Batch: 832530

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832436

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor 1016	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 18:12	1
Aroclor 1016	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 18:12	1
Aroclor 1221	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 18:12	1
Aroclor 1221	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 18:12	1
Aroclor 1232	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 18:12	1
Aroclor 1232	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 18:12	1
Aroclor 1242	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 18:12	1
Aroclor 1242	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 18:12	1
Aroclor 1248	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 18:12	1
Aroclor 1248	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 18:12	1
Aroclor 1254	0.40	U	0.40	0.11	ug/L		03/09/22 09:16	03/09/22 18:12	1
Aroclor 1254	0.40	U	0.40	0.11	ug/L		03/09/22 09:16	03/09/22 18:12	1
Aroclor 1260	0.40	U	0.40	0.11	ug/L		03/09/22 09:16	03/09/22 18:12	1
Aroclor 1260	0.40	U	0.40	0.11	ug/L		03/09/22 09:16	03/09/22 18:12	1
Aroclor 1268	0.40	U	0.40	0.11	ug/L		03/09/22 09:16	03/09/22 18:12	1
Aroclor 1268	0.40	U	0.40	0.11	ug/L		03/09/22 09:16	03/09/22 18:12	1
Aroclor-1262	0.40	U	0.40	0.11	ug/L		03/09/22 09:16	03/09/22 18:12	1
Aroclor-1262	0.40	U	0.40	0.11	ug/L		03/09/22 09:16	03/09/22 18:12	1
Polychlorinated biphenyls, Total	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 18:12	1
Polychlorinated biphenyls, Total	0.40	U	0.40	0.12	ug/L		03/09/22 09:16	03/09/22 18:12	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	120		10 - 138	03/09/22 09:16	03/09/22 18:12	1
DCB Decachlorobiphenyl	111		10 - 138	03/09/22 09:16	03/09/22 18:12	1
Tetrachloro-m-xylene	109		10 - 150	03/09/22 09:16	03/09/22 18:12	1
Tetrachloro-m-xylene	101		10 - 150	03/09/22 09:16	03/09/22 18:12	1

Lab Sample ID: LCS 460-832436/2-A
Matrix: Water
Analysis Batch: 832530

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832436

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	4.00	3.01		ug/L		75	66 - 141
Aroclor 1260	4.00	3.41		ug/L		85	66 - 142
Aroclor 1260	4.00	3.02		ug/L		75	66 - 142

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	123		10 - 138
DCB Decachlorobiphenyl	114		10 - 138
Tetrachloro-m-xylene	109		10 - 150
Tetrachloro-m-xylene	102		10 - 150

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 460-832436/3-A
Matrix: Water
Analysis Batch: 832530

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832436

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	4.00	3.23		ug/L		81	66 - 141	1	30
Aroclor 1016	4.00	3.02		ug/L		76	66 - 141	1	30
Aroclor 1260	4.00	3.35		ug/L		84	66 - 142	2	30
Aroclor 1260	4.00	3.05		ug/L		76	66 - 142	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	119		10 - 138
DCB Decachlorobiphenyl	113		10 - 138
Tetrachloro-m-xylene	106		10 - 150
Tetrachloro-m-xylene	101		10 - 150

Lab Sample ID: MB 460-832547/1-A
Matrix: Solid
Analysis Batch: 832626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832547

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:12	03/10/22 12:13	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:12	03/10/22 12:13	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:12	03/10/22 12:13	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:12	03/10/22 12:13	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:12	03/10/22 12:13	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:12	03/10/22 12:13	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:12	03/10/22 12:13	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:12	03/10/22 12:13	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:12	03/10/22 12:13	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:12	03/10/22 12:13	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:12	03/10/22 12:13	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:12	03/10/22 12:13	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:12	03/10/22 12:13	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:12	03/10/22 12:13	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:12	03/10/22 12:13	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:12	03/10/22 12:13	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:12	03/10/22 12:13	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:12	03/10/22 12:13	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:12	03/10/22 12:13	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:12	03/10/22 12:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	97		37 - 150	03/09/22 17:12	03/10/22 12:13	1
DCB Decachlorobiphenyl	96		37 - 150	03/09/22 17:12	03/10/22 12:13	1
Tetrachloro-m-xylene	96		54 - 150	03/09/22 17:12	03/10/22 12:13	1
Tetrachloro-m-xylene	94		54 - 150	03/09/22 17:12	03/10/22 12:13	1

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 460-832547/2-A
Matrix: Solid
Analysis Batch: 832626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832547

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aroclor 1016	0.333	0.355		mg/Kg		107	65 - 133
Aroclor 1016	0.333	0.340		mg/Kg		102	65 - 133
Aroclor 1260	0.333	0.379		mg/Kg		114	71 - 150
Aroclor 1260	0.333	0.361		mg/Kg		108	71 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	93		37 - 150
DCB Decachlorobiphenyl	93		37 - 150
Tetrachloro-m-xylene	91		54 - 150
Tetrachloro-m-xylene	89		54 - 150

Lab Sample ID: LCSD 460-832547/3-A
Matrix: Solid
Analysis Batch: 832626

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832547

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Aroclor 1016	0.333	0.320		mg/Kg		96	65 - 133	10	30
Aroclor 1016	0.333	0.290		mg/Kg		87	65 - 133	16	30
Aroclor 1260	0.333	0.336		mg/Kg		101	71 - 150	12	30
Aroclor 1260	0.333	0.321		mg/Kg		96	71 - 150	12	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	89		37 - 150
DCB Decachlorobiphenyl	88		37 - 150
Tetrachloro-m-xylene	87		54 - 150
Tetrachloro-m-xylene	85		54 - 150

Lab Sample ID: MB 460-832548/1-A
Matrix: Solid
Analysis Batch: 832627

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832548

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:15	03/10/22 09:34	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:15	03/10/22 09:34	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:15	03/10/22 09:34	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:15	03/10/22 09:34	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:15	03/10/22 09:34	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:15	03/10/22 09:34	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:15	03/10/22 09:34	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:15	03/10/22 09:34	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:15	03/10/22 09:34	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:15	03/10/22 09:34	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:15	03/10/22 09:34	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:15	03/10/22 09:34	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:15	03/10/22 09:34	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:15	03/10/22 09:34	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:15	03/10/22 09:34	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:15	03/10/22 09:34	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-832548/1-A
Matrix: Solid
Analysis Batch: 832627

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832548

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:15	03/10/22 09:34	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:15	03/10/22 09:34	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:15	03/10/22 09:34	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		03/09/22 17:15	03/10/22 09:34	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	110		37 - 150	03/09/22 17:15	03/10/22 09:34	1
DCB Decachlorobiphenyl	123		37 - 150	03/09/22 17:15	03/10/22 09:34	1
Tetrachloro-m-xylene	101		54 - 150	03/09/22 17:15	03/10/22 09:34	1
Tetrachloro-m-xylene	100		54 - 150	03/09/22 17:15	03/10/22 09:34	1

Lab Sample ID: LCS 460-832548/2-A
Matrix: Solid
Analysis Batch: 832627

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832548

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Aroclor 1016	0.333	0.334		mg/Kg		100	65 - 133
Aroclor 1016	0.333	0.325		mg/Kg		97	65 - 133
Aroclor 1260	0.333	0.355		mg/Kg		106	71 - 150
Aroclor 1260	0.333	0.365		mg/Kg		110	71 - 150

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	94		37 - 150
DCB Decachlorobiphenyl	98		37 - 150
Tetrachloro-m-xylene	83		54 - 150
Tetrachloro-m-xylene	84		54 - 150

Lab Sample ID: LCSD 460-832548/3-A
Matrix: Solid
Analysis Batch: 832627

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832548

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec. Limits	RPD	Limit
		Result	Qualifier						
Aroclor 1016	0.333	0.338		mg/Kg		101	65 - 133	1	30
Aroclor 1016	0.333	0.350		mg/Kg		105	65 - 133	8	30
Aroclor 1260	0.333	0.356		mg/Kg		107	71 - 150	0	30
Aroclor 1260	0.333	0.379		mg/Kg		114	71 - 150	4	30

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	99		37 - 150
DCB Decachlorobiphenyl	109		37 - 150
Tetrachloro-m-xylene	89		54 - 150
Tetrachloro-m-xylene	64		54 - 150

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 460-253911-1 MS
Matrix: Solid
Analysis Batch: 832627

Client Sample ID: SB-01_1-3_20220308
Prep Type: Total/NA
Prep Batch: 832548

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier		Result	Qualifier				
Aroclor 1016	0.077	U	0.387	0.409		mg/Kg	☼	106	65 - 133
Aroclor 1016	0.077	U	0.387	0.428		mg/Kg	☼	111	65 - 133
Aroclor 1260	0.077	U	0.387	0.428		mg/Kg	☼	111	71 - 150
Aroclor 1260	0.077	U	0.387	0.461		mg/Kg	☼	119	71 - 150

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	96		37 - 150
DCB Decachlorobiphenyl	108		37 - 150
Tetrachloro-m-xylene	91		54 - 150
Tetrachloro-m-xylene	96		54 - 150

Lab Sample ID: 460-253911-1 MSD
Matrix: Solid
Analysis Batch: 832627

Client Sample ID: SB-01_1-3_20220308
Prep Type: Total/NA
Prep Batch: 832548

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Aroclor 1016	0.077	U	0.386	0.413		mg/Kg	☼	107	65 - 133	3	30
Aroclor 1016	0.077	U	0.386	0.398		mg/Kg	☼	103	65 - 133	3	30
Aroclor 1260	0.077	U	0.386	0.434		mg/Kg	☼	113	71 - 150	1	30
Aroclor 1260	0.077	U	0.386	0.458		mg/Kg	☼	119	71 - 150	1	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	96		37 - 150
DCB Decachlorobiphenyl	109		37 - 150
Tetrachloro-m-xylene	90		54 - 150
Tetrachloro-m-xylene	95		54 - 150

Lab Sample ID: MB 460-832651/1-A
Matrix: Water
Analysis Batch: 832850

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832651

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor 1016	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 06:38	1
Aroclor 1016	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 06:38	1
Aroclor 1221	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 06:38	1
Aroclor 1221	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 06:38	1
Aroclor 1232	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 06:38	1
Aroclor 1232	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 06:38	1
Aroclor 1242	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 06:38	1
Aroclor 1242	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 06:38	1
Aroclor 1248	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 06:38	1
Aroclor 1248	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 06:38	1
Aroclor 1254	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 06:38	1
Aroclor 1254	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 06:38	1
Aroclor 1260	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 06:38	1
Aroclor 1260	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 06:38	1
Aroclor 1268	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 06:38	1
Aroclor 1268	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 06:38	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-832651/1-A
Matrix: Water
Analysis Batch: 832850

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832651

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aroclor-1262	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 06:38	1
Aroclor-1262	0.40	U	0.40	0.11	ug/L		03/10/22 08:10	03/11/22 06:38	1
Polychlorinated biphenyls, Total	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 06:38	1
Polychlorinated biphenyls, Total	0.40	U	0.40	0.12	ug/L		03/10/22 08:10	03/11/22 06:38	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	60		10 - 138	03/10/22 08:10	03/11/22 06:38	1
DCB Decachlorobiphenyl	59		10 - 138	03/10/22 08:10	03/11/22 06:38	1
Tetrachloro-m-xylene	57		10 - 150	03/10/22 08:10	03/11/22 06:38	1
Tetrachloro-m-xylene	55		10 - 150	03/10/22 08:10	03/11/22 06:38	1

Lab Sample ID: LCS 460-832651/2-A
Matrix: Water
Analysis Batch: 832850

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832651

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Aroclor 1016	4.00	2.83		ug/L		71	66 - 141
Aroclor 1016	4.00	2.72		ug/L		68	66 - 141
Aroclor 1260	4.00	3.00		ug/L		75	66 - 142
Aroclor 1260	4.00	2.77		ug/L		69	66 - 142

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	64		10 - 138
DCB Decachlorobiphenyl	62		10 - 138
Tetrachloro-m-xylene	57		10 - 150
Tetrachloro-m-xylene	57		10 - 150

Lab Sample ID: LCSD 460-832651/3-A
Matrix: Water
Analysis Batch: 832850

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832651

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec. Limits	RPD	Limit
		Result	Qualifier						
Aroclor 1016	4.00	2.89		ug/L		72	66 - 141	2	30
Aroclor 1016	4.00	2.78		ug/L		69	66 - 141	2	30
Aroclor 1260	4.00	3.08		ug/L		77	66 - 142	3	30
Aroclor 1260	4.00	2.89		ug/L		72	66 - 142	4	30

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	65		10 - 138
DCB Decachlorobiphenyl	64		10 - 138
Tetrachloro-m-xylene	59		10 - 150
Tetrachloro-m-xylene	59		10 - 150

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-832601/10-A
Matrix: Water
Analysis Batch: 832515

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832601

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	40.0	U	40.0	19.5	ug/L		03/10/22 01:30	03/10/22 03:23	1
Antimony	2.0	U	2.0	0.76	ug/L		03/10/22 01:30	03/10/22 03:23	1
Arsenic	2.0	U	2.0	0.89	ug/L		03/10/22 01:30	03/10/22 03:23	1
Barium	4.0	U	4.0	0.91	ug/L		03/10/22 01:30	03/10/22 03:23	1
Beryllium	0.80	U	0.80	0.13	ug/L		03/10/22 01:30	03/10/22 03:23	1
Cadmium	2.0	U	2.0	0.39	ug/L		03/10/22 01:30	03/10/22 03:23	1
Calcium	500	U	500	53.6	ug/L		03/10/22 01:30	03/10/22 03:23	1
Chromium	4.0	U	4.0	2.5	ug/L		03/10/22 01:30	03/10/22 03:23	1
Cobalt	4.0	U	4.0	0.71	ug/L		03/10/22 01:30	03/10/22 03:23	1
Copper	4.0	U	4.0	2.5	ug/L		03/10/22 01:30	03/10/22 03:23	1
Iron	120	U	120	58.2	ug/L		03/10/22 01:30	03/10/22 03:23	1
Lead	1.2	U	1.2	0.84	ug/L		03/10/22 01:30	03/10/22 03:23	1
Magnesium	200	U	200	46.9	ug/L		03/10/22 01:30	03/10/22 03:23	1
Manganese	8.0	U	8.0	1.5	ug/L		03/10/22 01:30	03/10/22 03:23	1
Nickel	4.0	U	4.0	0.91	ug/L		03/10/22 01:30	03/10/22 03:23	1
Potassium	200	U	200	112	ug/L		03/10/22 01:30	03/10/22 03:23	1
Selenium	2.5	U	2.5	0.59	ug/L		03/10/22 01:30	03/10/22 03:23	1
Silver	2.0	U	2.0	0.29	ug/L		03/10/22 01:30	03/10/22 03:23	1
Sodium	500	U	500	163	ug/L		03/10/22 01:30	03/10/22 03:23	1
Thallium	0.80	U	0.80	0.21	ug/L		03/10/22 01:30	03/10/22 03:23	1
Vanadium	4.0	U	4.0	0.68	ug/L		03/10/22 01:30	03/10/22 03:23	1
Zinc	16.0	U	16.0	6.5	ug/L		03/10/22 01:30	03/10/22 03:23	1

Lab Sample ID: LCS 460-832601/11-A
Matrix: Water
Analysis Batch: 832515

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832601

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	25.0	26.20		ug/L		105	80 - 120
Arsenic	50.0	52.25		ug/L		105	80 - 120
Barium	50.0	47.52		ug/L		95	80 - 120
Beryllium	25.0	24.56		ug/L		98	80 - 120
Cadmium	25.0	26.15		ug/L		105	80 - 120
Calcium	2500	2731		ug/L		109	80 - 120
Chromium	50.0	50.73		ug/L		101	80 - 120
Cobalt	25.0	25.62		ug/L		102	80 - 120
Copper	50.0	52.09		ug/L		104	80 - 120
Iron	2500	2780		ug/L		111	80 - 120
Lead	25.0	26.13		ug/L		105	80 - 120
Magnesium	2500	2604		ug/L		104	80 - 120
Manganese	250	257.1		ug/L		103	80 - 120
Nickel	50.0	53.19		ug/L		106	80 - 120
Potassium	2500	2567		ug/L		103	80 - 120
Selenium	50.0	50.67		ug/L		101	80 - 120
Silver	25.0	31.82	N	ug/L		127	80 - 120
Sodium	2500	2648		ug/L		106	80 - 120
Thallium	20.0	20.75		ug/L		104	80 - 120
Vanadium	50.0	50.67		ug/L		101	80 - 120

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 460-832601/11-A
Matrix: Water
Analysis Batch: 832515

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832601

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	250	261.5		ug/L		105	80 - 120

Lab Sample ID: LCS 460-832810/6-A
Matrix: Water
Analysis Batch: 832924

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832810

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2500	2487		ug/L		99	80 - 120
Antimony	25.0	28.03		ug/L		112	80 - 120
Arsenic	50.0	52.33		ug/L		105	80 - 120
Barium	50.0	49.52		ug/L		99	80 - 120
Beryllium	25.0	26.24		ug/L		105	80 - 120
Cadmium	25.0	26.53		ug/L		106	80 - 120
Calcium	2500	2688		ug/L		108	80 - 120
Chromium	50.0	52.05		ug/L		104	80 - 120
Cobalt	25.0	25.68		ug/L		103	80 - 120
Copper	50.0	52.85		ug/L		106	80 - 120
Iron	2500	2759		ug/L		110	80 - 120
Lead	25.0	26.09		ug/L		104	80 - 120
Magnesium	2500	2556		ug/L		102	80 - 120
Manganese	250	260.2		ug/L		104	80 - 120
Nickel	50.0	53.07		ug/L		106	80 - 120
Potassium	2500	2516		ug/L		101	80 - 120
Selenium	50.0	51.01		ug/L		102	80 - 120
Silver	25.0	21.79		ug/L		87	80 - 120
Sodium	2500	2583		ug/L		103	80 - 120
Thallium	20.0	20.72		ug/L		104	80 - 120
Vanadium	50.0	51.07		ug/L		102	80 - 120
Zinc	250	260.0		ug/L		104	80 - 120

Lab Sample ID: MB 460-833007/1-A
Matrix: Water
Analysis Batch: 833159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 833007

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	19.5	ug/L		03/11/22 19:40	03/13/22 09:55	1
Antimony	2.0	U	2.0	0.76	ug/L		03/11/22 19:40	03/13/22 09:55	1
Arsenic	2.0	U	2.0	0.89	ug/L		03/11/22 19:40	03/13/22 09:55	1
Barium	4.0	U	4.0	0.91	ug/L		03/11/22 19:40	03/13/22 09:55	1
Beryllium	0.80	U	0.80	0.13	ug/L		03/11/22 19:40	03/13/22 09:55	1
Cadmium	2.0	U	2.0	0.39	ug/L		03/11/22 19:40	03/13/22 09:55	1
Calcium	500	U	500	53.6	ug/L		03/11/22 19:40	03/13/22 09:55	1
Chromium	4.0	U	4.0	2.5	ug/L		03/11/22 19:40	03/13/22 09:55	1
Cobalt	4.0	U	4.0	0.71	ug/L		03/11/22 19:40	03/13/22 09:55	1
Copper	4.0	U	4.0	2.5	ug/L		03/11/22 19:40	03/13/22 09:55	1
Iron	120	U	120	58.2	ug/L		03/11/22 19:40	03/13/22 09:55	1
Lead	1.2	U	1.2	0.84	ug/L		03/11/22 19:40	03/13/22 09:55	1
Magnesium	200	U	200	46.9	ug/L		03/11/22 19:40	03/13/22 09:55	1
Manganese	8.0	U	8.0	1.5	ug/L		03/11/22 19:40	03/13/22 09:55	1

Euromins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-833007/1-A
Matrix: Water
Analysis Batch: 833159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 833007

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Nickel	4.0	U	4.0	0.91	ug/L		03/11/22 19:40	03/13/22 09:55	1
Potassium	200	U	200	112	ug/L		03/11/22 19:40	03/13/22 09:55	1
Selenium	2.5	U	2.5	0.59	ug/L		03/11/22 19:40	03/13/22 09:55	1
Silver	2.0	U	2.0	0.29	ug/L		03/11/22 19:40	03/13/22 09:55	1
Sodium	500	U	500	163	ug/L		03/11/22 19:40	03/13/22 09:55	1
Thallium	0.80	U	0.80	0.21	ug/L		03/11/22 19:40	03/13/22 09:55	1
Vanadium	4.0	U	4.0	0.68	ug/L		03/11/22 19:40	03/13/22 09:55	1
Zinc	16.0	U	16.0	6.5	ug/L		03/11/22 19:40	03/13/22 09:55	1

Lab Sample ID: LCS 460-833007/2-A
Matrix: Water
Analysis Batch: 833159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 833007

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
Antimony	25.0	24.44		ug/L		98	80 - 120	
Arsenic	50.0	50.48		ug/L		101	80 - 120	
Barium	50.0	54.08		ug/L		108	80 - 120	
Beryllium	25.0	24.55		ug/L		98	80 - 120	
Cadmium	25.0	23.93		ug/L		96	80 - 120	
Calcium	2500	2514		ug/L		101	80 - 120	
Chromium	50.0	49.73		ug/L		99	80 - 120	
Cobalt	25.0	24.35		ug/L		97	80 - 120	
Copper	50.0	53.73		ug/L		107	80 - 120	
Iron	2500	2553		ug/L		102	80 - 120	
Lead	25.0	24.92		ug/L		100	80 - 120	
Magnesium	2500	2568		ug/L		103	80 - 120	
Manganese	250	247.2		ug/L		99	80 - 120	
Nickel	50.0	51.13		ug/L		102	80 - 120	
Potassium	2500	2464		ug/L		99	80 - 120	
Selenium	50.0	50.65		ug/L		101	80 - 120	
Silver	25.0	24.87		ug/L		99	80 - 120	
Sodium	2500	2645		ug/L		106	80 - 120	
Thallium	20.0	19.07		ug/L		95	80 - 120	
Vanadium	50.0	48.84		ug/L		98	80 - 120	
Zinc	250	245.0		ug/L		98	80 - 120	

Lab Sample ID: 460-253503-G-1-D MS
Matrix: Water
Analysis Batch: 833159

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 833007

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.	Limits
Antimony	2.0	U	25.0	23.75		ug/L		95	75 - 125	
Arsenic	2.7		50.0	52.87		ug/L		100	75 - 125	
Barium	35.0		50.0	82.11		ug/L		94	75 - 125	
Beryllium	0.25	J	25.0	25.77		ug/L		102	75 - 125	
Cadmium	2.0	U	25.0	25.84		ug/L		103	75 - 125	
Calcium	5530		2500	7964		ug/L		97	75 - 125	

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-253503-G-1-D MS
Matrix: Water
Analysis Batch: 833159

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 833007

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Chromium	9.7		50.0	59.29		ug/L		99	75 - 125
Cobalt	2.3	J	25.0	28.56		ug/L		105	75 - 125
Copper	8.3		50.0	60.87		ug/L		105	75 - 125
Iron	8410		2500	8352	N	ug/L		-2	75 - 125
Lead	4.4		25.0	29.90		ug/L		102	75 - 125
Magnesium	1550		2500	4193		ug/L		106	75 - 125
Manganese	36.4		250	296.4		ug/L		104	75 - 125
Nickel	5.7		50.0	58.04		ug/L		105	75 - 125
Potassium	1890		2500	4129		ug/L		90	75 - 125
Selenium	2.5	U	50.0	47.59		ug/L		95	75 - 125
Silver	2.0	U	25.0	26.41		ug/L		106	75 - 125
Sodium	2790		2500	5554		ug/L		110	75 - 125
Thallium	0.80	U	20.0	20.40		ug/L		102	75 - 125
Vanadium	15.5		50.0	62.34		ug/L		94	75 - 125
Zinc	8.9	J	250	275.1		ug/L		106	75 - 125

Lab Sample ID: 460-253503-A-1-B DU
Matrix: Water
Analysis Batch: 833159

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 833007

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD Limit
	Result	Qualifier	Result	Qualifier				
Aluminum	10500		10550		ug/L		0	20
Antimony	2.0	U	2.0	U	ug/L		NC	20
Arsenic	2.7		2.99		ug/L		11	20
Barium	35.0		37.75		ug/L		7	20
Beryllium	0.25	J	0.307	J	ug/L		21	20
Cadmium	2.0	U	2.0	U	ug/L		NC	20
Calcium	5530		5477		ug/L		1	20
Chromium	9.7		9.31		ug/L		4	20
Cobalt	2.3	J	2.37	J	ug/L		2	20
Copper	8.3		8.12		ug/L		2	20
Iron	8410		8365		ug/L		0.6	20
Lead	4.4		4.31		ug/L		3	20
Magnesium	1550		1541		ug/L		0.4	20
Manganese	36.4		35.98		ug/L		1	20
Nickel	5.7		5.69		ug/L		1	20
Potassium	1890		1940		ug/L		3	20
Selenium	2.5	U	2.5	U	ug/L		NC	20
Silver	2.0	U	2.0	U	ug/L		NC	20
Sodium	2790		2831		ug/L		1	20
Thallium	0.80	U	0.80	U	ug/L		NC	20
Vanadium	15.5		15.22		ug/L		2	20
Zinc	8.9	J	11.09	J	ug/L		22	20

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-833008/1-A
Matrix: Water
Analysis Batch: 833159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 833008

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	40.0	U	40.0	19.5	ug/L		03/11/22 20:05	03/13/22 09:29	1
Antimony	2.0	U	2.0	0.76	ug/L		03/11/22 20:05	03/13/22 09:29	1
Arsenic	2.0	U	2.0	0.89	ug/L		03/11/22 20:05	03/13/22 09:29	1
Barium	4.0	U	4.0	0.91	ug/L		03/11/22 20:05	03/13/22 09:29	1
Beryllium	0.80	U	0.80	0.13	ug/L		03/11/22 20:05	03/13/22 09:29	1
Cadmium	2.0	U	2.0	0.39	ug/L		03/11/22 20:05	03/13/22 09:29	1
Calcium	500	U	500	53.6	ug/L		03/11/22 20:05	03/13/22 09:29	1
Chromium	4.0	U	4.0	2.5	ug/L		03/11/22 20:05	03/13/22 09:29	1
Cobalt	4.0	U	4.0	0.71	ug/L		03/11/22 20:05	03/13/22 09:29	1
Copper	4.0	U	4.0	2.5	ug/L		03/11/22 20:05	03/13/22 09:29	1
Iron	120	U	120	58.2	ug/L		03/11/22 20:05	03/13/22 09:29	1
Lead	1.2	U	1.2	0.84	ug/L		03/11/22 20:05	03/13/22 09:29	1
Magnesium	200	U	200	46.9	ug/L		03/11/22 20:05	03/13/22 09:29	1
Manganese	8.0	U	8.0	1.5	ug/L		03/11/22 20:05	03/13/22 09:29	1
Nickel	4.0	U	4.0	0.91	ug/L		03/11/22 20:05	03/13/22 09:29	1
Potassium	200	U	200	112	ug/L		03/11/22 20:05	03/13/22 09:29	1
Selenium	2.5	U	2.5	0.59	ug/L		03/11/22 20:05	03/13/22 09:29	1
Silver	2.0	U	2.0	0.29	ug/L		03/11/22 20:05	03/13/22 09:29	1
Sodium	500	U	500	163	ug/L		03/11/22 20:05	03/13/22 09:29	1
Thallium	0.80	U	0.80	0.21	ug/L		03/11/22 20:05	03/13/22 09:29	1
Vanadium	4.0	U	4.0	0.68	ug/L		03/11/22 20:05	03/13/22 09:29	1
Zinc	16.0	U	16.0	6.5	ug/L		03/11/22 20:05	03/13/22 09:29	1

Lab Sample ID: LCS 460-833008/2-A
Matrix: Water
Analysis Batch: 833159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 833008

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Aluminum	2500	2553		ug/L		102	80 - 120
Antimony	25.0	24.38		ug/L		98	80 - 120
Arsenic	50.0	49.59		ug/L		99	80 - 120
Barium	50.0	48.61		ug/L		97	80 - 120
Beryllium	25.0	25.06		ug/L		100	80 - 120
Cadmium	25.0	25.42		ug/L		102	80 - 120
Calcium	2500	2535		ug/L		101	80 - 120
Chromium	50.0	49.96		ug/L		100	80 - 120
Cobalt	25.0	24.83		ug/L		99	80 - 120
Copper	50.0	53.93		ug/L		108	80 - 120
Iron	2500	2530		ug/L		101	80 - 120
Lead	25.0	24.70		ug/L		99	80 - 120
Magnesium	2500	2579		ug/L		103	80 - 120
Manganese	250	249.0		ug/L		100	80 - 120
Nickel	50.0	50.68		ug/L		101	80 - 120
Potassium	2500	2450		ug/L		98	80 - 120
Selenium	50.0	50.42		ug/L		101	80 - 120
Silver	25.0	25.01		ug/L		100	80 - 120
Sodium	2500	2646		ug/L		106	80 - 120
Thallium	20.0	19.06		ug/L		95	80 - 120
Vanadium	50.0	48.12		ug/L		96	80 - 120

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 460-833008/2-A
Matrix: Water
Analysis Batch: 833159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 833008

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	250	246.9		ug/L		99	80 - 120

Lab Sample ID: 460-253589-H-4-C MS
Matrix: Water
Analysis Batch: 833159

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 833008

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	746		2500	3152		ug/L		96	75 - 125
Antimony	2.0	U	25.0	25.69		ug/L		103	75 - 125
Arsenic	0.95	J	50.0	50.82		ug/L		100	75 - 125
Barium	68.4		50.0	117.0		ug/L		97	75 - 125
Beryllium	0.80	U	25.0	26.19		ug/L		105	75 - 125
Cadmium	2.0	U	25.0	26.55		ug/L		106	75 - 125
Calcium	94400		2500	90830	4	ug/L		-142	75 - 125
Chromium	4.0	U	50.0	52.19		ug/L		104	75 - 125
Cobalt	4.0	U	25.0	26.24		ug/L		105	75 - 125
Copper	12.4		50.0	63.90		ug/L		103	75 - 125
Iron	492		2500	2943		ug/L		98	75 - 125
Lead	1.2	U	25.0	26.21		ug/L		105	75 - 125
Magnesium	10100		2500	12250	4	ug/L		87	75 - 125
Manganese	76.1		250	330.8		ug/L		102	75 - 125
Nickel	1.5	J	50.0	52.57		ug/L		102	75 - 125
Potassium	4870		2500	7067		ug/L		88	75 - 125
Selenium	2.5	U	50.0	50.37		ug/L		101	75 - 125
Silver	2.0	U	25.0	25.79		ug/L		103	75 - 125
Sodium	81200		2500	83080	4	ug/L		74	75 - 125
Thallium	0.80	U	20.0	19.91		ug/L		100	75 - 125
Vanadium	1.6	J	50.0	50.86		ug/L		99	75 - 125
Zinc	41.0		250	296.0		ug/L		102	75 - 125

Lab Sample ID: 460-253589-H-4-B DU
Matrix: Water
Analysis Batch: 833159

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 833008

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	746		711.8		ug/L		5	20
Antimony	2.0	U	2.0	U	ug/L		NC	20
Arsenic	0.95	J	2.0	U	ug/L		NC	20
Barium	68.4		69.45		ug/L		2	20
Beryllium	0.80	U	0.80	U	ug/L		NC	20
Cadmium	2.0	U	2.0	U	ug/L		NC	20
Calcium	94400		92200		ug/L		2	20
Chromium	4.0	U	4.0	U	ug/L		NC	20
Cobalt	4.0	U	4.0	U	ug/L		NC	20
Copper	12.4		12.23		ug/L		1	20
Iron	492		475.9		ug/L		3	20
Lead	1.2	U	1.2	U	ug/L		NC	20
Magnesium	10100		10200		ug/L		1	20
Manganese	76.1		75.24		ug/L		1	20

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-253589-H-4-B DU
Matrix: Water
Analysis Batch: 833159

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 833008

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Nickel	1.5	J	1.75	J	ug/L		15	20
Potassium	4870		4830		ug/L		0.9	20
Selenium	2.5	U	2.5	U	ug/L		NC	20
Silver	2.0	U	2.0	U	ug/L		NC	20
Sodium	81200		82720		ug/L		2	20
Thallium	0.80	U	0.80	U	ug/L		NC	20
Vanadium	1.6	J	1.13	J	ug/L		34	20
Zinc	41.0		41.55		ug/L		1	20

Lab Sample ID: MB 460-833024/1-A
Matrix: Solid
Analysis Batch: 833159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 833024

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	20.0	U	20.0	5.5	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Antimony	1.0	U	1.0	0.15	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Barium	2.0	U	2.0	0.15	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Beryllium	0.40	U	0.40	0.057	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Calcium	100	U	100	17.7	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Chromium	2.0	U	2.0	0.27	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Copper	2.0	U	2.0	0.37	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Iron	60.0	U	60.0	20.2	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Lead	0.60	U	0.60	0.20	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Magnesium	100	U	100	10.2	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Manganese	4.0	U	4.0	0.40	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Nickel	2.0	U	2.0	0.47	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Potassium	100	U	100	12.1	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Selenium	1.3	U	1.3	0.13	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Silver	1.0	U	1.0	0.089	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Sodium	100	U	100	45.7	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Thallium	0.40	U	0.40	0.041	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		03/11/22 22:15	03/13/22 09:25	1
Zinc	8.0	U	8.0	3.1	mg/Kg		03/11/22 22:15	03/13/22 09:25	1

Lab Sample ID: LCSSRM 460-833024/2-A ^5
Matrix: Solid
Analysis Batch: 833159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 833024

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	Limits	%Rec.
Antimony	99.5	58.20		mg/Kg		58.5	1.0 - 209.0	
Arsenic	140	128.2		mg/Kg		91.6	82.9 - 117.9	
Barium	202	188.7		mg/Kg		93.4	81.2 - 118.3	

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-833024/2-A ^5
Matrix: Solid
Analysis Batch: 833159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 833024

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	42.6	37.29		mg/Kg		87.5	81.0 - 119.0
Cadmium	97.9	87.46		mg/Kg		89.3	80.0 - 119.5
Calcium	4190	3688		mg/Kg		88.0	79.2 - 121.0
Chromium	60.4	53.37		mg/Kg		88.4	80.3 - 119.7
Cobalt	86.4	77.48		mg/Kg		89.7	80.8 - 119.2
Copper	122	109.3		mg/Kg		89.6	82.8 - 117.2
Iron	13800	11910		mg/Kg		86.3	59.2 - 140.6
Lead	56.7	51.36		mg/Kg		90.6	82.9 - 116.9
Magnesium	2260	2042		mg/Kg		90.3	75.2 - 124.8
Manganese	457	407.8		mg/Kg		89.2	79.6 - 120.6
Nickel	151	136.9		mg/Kg		90.7	79.5 - 121.2
Potassium	2030	1681		mg/Kg		82.8	70.0 - 130.0
Selenium	35.5	34.45		mg/Kg		97.0	77.5 - 122.3
Silver	33.6	17.70		mg/Kg		52.7	48.2 - 73.5
Sodium	129	472	U	mg/Kg		90.2	70.7 - 129.5
Thallium	69.3	65.20		mg/Kg		94.1	79.4 - 120.6
Vanadium	44.9	38.36		mg/Kg		85.4	78.0 - 121.8
Zinc	186	164.6		mg/Kg		88.5	79.0 - 121.0

Lab Sample ID: 460-253840-C-1-D MS
Matrix: Solid
Analysis Batch: 833159

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 833024

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	10200		451	9855	4	mg/Kg	☼	-80	75 - 125
Antimony	0.92	U	4.51	1.25	N	mg/Kg	☼	28	75 - 125
Arsenic	3.4		9.03	12.15		mg/Kg	☼	97	75 - 125
Barium	71.4		9.03	81.02	4	mg/Kg	☼	106	75 - 125
Beryllium	0.46		4.51	4.49		mg/Kg	☼	89	75 - 125
Cadmium	0.29	J	4.51	4.72		mg/Kg	☼	98	75 - 125
Chromium	11.1		9.03	19.23		mg/Kg	☼	90	75 - 125
Cobalt	4.0		4.51	7.88		mg/Kg	☼	87	75 - 125
Copper	29.0		9.03	28.90	N	mg/Kg	☼	-2	75 - 125
Iron	13200		451	18300	4	mg/Kg	☼	1121	75 - 125
Lead	81.0		4.51	115.7	4	mg/Kg	☼	769	75 - 125
Magnesium	4870		451	4970	4	mg/Kg	☼	22	75 - 125

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-253840-C-1-D MS
Matrix: Solid
Analysis Batch: 833159

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 833024

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Manganese	234		45.1	349.0	4	mg/Kg	⊛	254	75 - 125	
Nickel	9.2		9.03	16.94		mg/Kg	⊛	85	75 - 125	
Potassium	1110		451	1336	N	mg/Kg	⊛	51	75 - 125	
Selenium	0.34	J	9.03	8.57		mg/Kg	⊛	91	75 - 125	
Silver	0.92	U	4.51	4.23		mg/Kg	⊛	94	75 - 125	
Sodium	788		451	1258		mg/Kg	⊛	104	75 - 125	
Thallium	0.047	J	3.61	3.36		mg/Kg	⊛	92	75 - 125	
Vanadium	23.0		9.03	28.17	N	mg/Kg	⊛	57	75 - 125	
Zinc	125		45.1	161.7		mg/Kg	⊛	81	75 - 125	

Lab Sample ID: 460-253840-C-1-D MS ^5
Matrix: Solid
Analysis Batch: 833159

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 833024

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Calcium	64600		451	59680	4	mg/Kg	⊛	-1086	75 - 125	

Lab Sample ID: 460-253840-C-1-C DU
Matrix: Solid
Analysis Batch: 833159

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 833024

Analyte	Sample	Sample	DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Aluminum	10200		9674		mg/Kg	⊛	5	20
Antimony	0.92	U	0.89	U	mg/Kg	⊛	NC	20
Arsenic	3.4		3.34		mg/Kg	⊛	0.9	20
Barium	71.4		73.22		mg/Kg	⊛	2	20
Beryllium	0.46		0.414		mg/Kg	⊛	10	20
Cadmium	0.29	J	0.342	J	mg/Kg	⊛	18	20
Chromium	11.1		10.62		mg/Kg	⊛	4	20
Cobalt	4.0		3.53		mg/Kg	⊛	11	20
Copper	29.0		23.11	*	mg/Kg	⊛	23	20
Iron	13200		11820		mg/Kg	⊛	11	20
Lead	81.0		80.15		mg/Kg	⊛	1	20
Magnesium	4870		4518		mg/Kg	⊛	7	20
Manganese	234		261.1		mg/Kg	⊛	11	20
Nickel	9.2		8.75		mg/Kg	⊛	5	20
Potassium	1110		1039		mg/Kg	⊛	6	20
Selenium	0.34	J	0.302	J	mg/Kg	⊛	11	20
Silver	0.92	U	0.89	U	mg/Kg	⊛	NC	20
Sodium	788		759.5		mg/Kg	⊛	4	20
Thallium	0.047	J	0.0421	J	mg/Kg	⊛	11	20
Vanadium	23.0		20.13		mg/Kg	⊛	13	20
Zinc	125		115.1		mg/Kg	⊛	8	20

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-253840-C-1-C DU ^5
Matrix: Solid
Analysis Batch: 833159

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 833024

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Calcium	64600		66650		mg/Kg	☼	3	20

Lab Sample ID: MB 460-833025/1-A
Matrix: Solid
Analysis Batch: 833204

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 833025

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Antimony	1.0	U	1.0	0.15	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Barium	2.0	U	2.0	0.15	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Beryllium	0.40	U	0.40	0.057	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Calcium	100	U	100	17.7	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Chromium	2.0	U	2.0	0.27	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Copper	2.0	U	2.0	0.37	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Iron	60.0	U	60.0	20.2	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Lead	0.60	U	0.60	0.20	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Magnesium	100	U	100	10.2	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Manganese	4.0	U	4.0	0.40	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Nickel	2.0	U	2.0	0.47	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Potassium	15.06	J	100	12.1	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Selenium	1.3	U	1.3	0.13	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Silver	1.0	U	1.0	0.089	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Sodium	100	U	100	45.7	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Thallium	0.40	U	0.40	0.041	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		03/11/22 22:15	03/13/22 20:20	1
Zinc	8.0	U	8.0	3.1	mg/Kg		03/11/22 22:15	03/13/22 20:20	1

Lab Sample ID: LCSSRM 460-833025/2-A ^5
Matrix: Solid
Analysis Batch: 833204

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 833025

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	Limits
Aluminum	7970	6349		mg/Kg		79.7	47.2 - 153.1
Antimony	99.5	61.52		mg/Kg		61.8	1.0 - 209.0
Arsenic	140	123.1		mg/Kg		87.9	82.9 - 117.9
Barium	202	171.8		mg/Kg		85.1	81.2 - 118.3
Beryllium	42.6	35.05		mg/Kg		82.3	81.0 - 119.0
Cadmium	97.9	83.29		mg/Kg		85.1	80.0 - 119.5
Calcium	4190	3723		mg/Kg		88.9	79.2 - 121.0
Chromium	60.4	50.65		mg/Kg		83.9	80.3 - 119.7

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-833025/2-A ^5
Matrix: Solid
Analysis Batch: 833204

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 833025

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	86.4	72.96		mg/Kg		84.4	80.8 - 119.2
Copper	122	102.9		mg/Kg		84.3	82.8 - 117.2
Iron	13800	11980		mg/Kg		86.8	59.2 - 140.6
Lead	56.7	52.98		mg/Kg		93.4	82.9 - 116.9
Magnesium	2260	1973		mg/Kg		87.3	75.2 - 124.8
Manganese	457	385.2		mg/Kg		84.3	79.6 - 120.6
Nickel	151	130.7		mg/Kg		86.6	79.5 - 121.2
Potassium	2030	1683		mg/Kg		82.9	70.0 - 130.0
Selenium	35.5	31.62		mg/Kg		89.1	77.5 - 122.3
Silver	33.6	17.32		mg/Kg		51.6	48.2 - 73.5
Thallium	69.3	60.03		mg/Kg		86.6	79.4 - 120.6
Vanadium	44.9	36.78		mg/Kg		81.9	78.0 - 121.8
Zinc	186	162.5		mg/Kg		87.4	79.0 - 121.0

Lab Sample ID: LCSSRM 460-833025/2-A ^5
Matrix: Solid
Analysis Batch: 833501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 833025

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Sodium	129	495	U	mg/Kg		86.1	70.7 - 129.5

Lab Sample ID: 460-253938-A-1-C MS
Matrix: Solid
Analysis Batch: 833204

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 833025

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	12200		453	15450	4	mg/Kg	⊛	721	75 - 125
Antimony	0.14	J	4.53	1.66	N	mg/Kg	⊛	33	75 - 125
Arsenic	12.3		9.07	21.97		mg/Kg	⊛	107	75 - 125
Barium	104		9.07	121.4	4	mg/Kg	⊛	192	75 - 125
Beryllium	1.2		4.53	5.46		mg/Kg	⊛	95	75 - 125
Cadmium	0.88	U	4.53	4.40		mg/Kg	⊛	97	75 - 125
Calcium	434		453	911.9		mg/Kg	⊛	105	75 - 125
Chromium	10.8		9.07	20.61		mg/Kg	⊛	109	75 - 125
Cobalt	5.2		4.53	9.79		mg/Kg	⊛	101	75 - 125
Copper	5.6		9.07	14.33		mg/Kg	⊛	96	75 - 125
Iron	9650		453	11510	4	mg/Kg	⊛	410	75 - 125
Lead	39.9		4.53	49.29	4	mg/Kg	⊛	206	75 - 125
Magnesium	1130		453	1762	N	mg/Kg	⊛	138	75 - 125

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-253938-A-1-C MS
Matrix: Solid
Analysis Batch: 833204

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 833025

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Manganese	557		45.3	650.2	4	mg/Kg	☼	205	75 - 125	
Nickel	7.9		9.07	17.73		mg/Kg	☼	108	75 - 125	
Potassium	489	B	453	957.9		mg/Kg	☼	103	75 - 125	
Selenium	0.36	J	9.07	7.67		mg/Kg	☼	81	75 - 125	
Silver	0.88	U	4.53	4.25		mg/Kg	☼	94	75 - 125	
Sodium	88.0	U	453	454.8		mg/Kg	☼	100	75 - 125	
Thallium	0.13	J	3.63	3.42		mg/Kg	☼	91	75 - 125	
Vanadium	18.3		9.07	28.99		mg/Kg	☼	118	75 - 125	
Zinc	34.6		45.3	81.31		mg/Kg	☼	103	75 - 125	

Lab Sample ID: 460-253938-A-1-B DU
Matrix: Solid
Analysis Batch: 833204

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 833025

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Aluminum	12200		12780		mg/Kg	☼	5	20
Antimony	0.14	J	0.93	U	mg/Kg	☼	NC	20
Arsenic	12.3		13.47		mg/Kg	☼	9	20
Barium	104		112.2		mg/Kg	☼	8	20
Beryllium	1.2		1.21		mg/Kg	☼	4	20
Cadmium	0.88	U	0.93	U	mg/Kg	☼	NC	20
Calcium	434		470.5		mg/Kg	☼	8	20
Chromium	10.8		11.37		mg/Kg	☼	6	20
Cobalt	5.2		5.56		mg/Kg	☼	6	20
Copper	5.6		6.05		mg/Kg	☼	7	20
Iron	9650		10350		mg/Kg	☼	7	20
Lead	39.9		43.13		mg/Kg	☼	8	20
Magnesium	1130		1221		mg/Kg	☼	7	20
Manganese	557		593.8		mg/Kg	☼	6	20
Nickel	7.9		8.54		mg/Kg	☼	8	20
Potassium	489	B	523.7		mg/Kg	☼	7	20
Selenium	0.36	J	0.322	J	mg/Kg	☼	10	20
Silver	0.88	U	0.93	U	mg/Kg	☼	NC	20
Sodium	88.0	U	92.9	U	mg/Kg	☼	NC	20
Thallium	0.13	J	0.141	J	mg/Kg	☼	5	20
Vanadium	18.3		19.38		mg/Kg	☼	6	20
Zinc	34.6		36.63		mg/Kg	☼	6	20

Lab Sample ID: MB 460-833131/1-A
Matrix: Solid
Analysis Batch: 833332

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 833131

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Aluminum	20.0	U	20.0	5.5	mg/Kg		03/12/22 22:10	03/14/22 10:41		1
Antimony	1.0	U	1.0	0.15	mg/Kg		03/12/22 22:10	03/14/22 10:41		1
Arsenic	1.0	U	1.0	0.10	mg/Kg		03/12/22 22:10	03/14/22 10:41		1
Barium	2.0	U	2.0	0.15	mg/Kg		03/12/22 22:10	03/14/22 10:41		1
Beryllium	0.40	U	0.40	0.057	mg/Kg		03/12/22 22:10	03/14/22 10:41		1
Cadmium	1.0	U	1.0	0.11	mg/Kg		03/12/22 22:10	03/14/22 10:41		1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-833131/1-A
Matrix: Solid
Analysis Batch: 833332

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 833131

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Calcium	100	U	100	17.7	mg/Kg		03/12/22 22:10	03/14/22 10:41	1
Chromium	2.0	U	2.0	0.27	mg/Kg		03/12/22 22:10	03/14/22 10:41	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		03/12/22 22:10	03/14/22 10:41	1
Copper	2.0	U	2.0	0.37	mg/Kg		03/12/22 22:10	03/14/22 10:41	1
Iron	60.0	U	60.0	20.2	mg/Kg		03/12/22 22:10	03/14/22 10:41	1
Lead	0.60	U	0.60	0.20	mg/Kg		03/12/22 22:10	03/14/22 10:41	1
Magnesium	100	U	100	10.2	mg/Kg		03/12/22 22:10	03/14/22 10:41	1
Manganese	4.0	U	4.0	0.40	mg/Kg		03/12/22 22:10	03/14/22 10:41	1
Nickel	2.0	U	2.0	0.47	mg/Kg		03/12/22 22:10	03/14/22 10:41	1
Potassium	100	U	100	12.1	mg/Kg		03/12/22 22:10	03/14/22 10:41	1
Selenium	1.3	U	1.3	0.13	mg/Kg		03/12/22 22:10	03/14/22 10:41	1
Silver	1.0	U	1.0	0.089	mg/Kg		03/12/22 22:10	03/14/22 10:41	1
Sodium	100	U	100	45.7	mg/Kg		03/12/22 22:10	03/14/22 10:41	1
Thallium	0.40	U	0.40	0.041	mg/Kg		03/12/22 22:10	03/14/22 10:41	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		03/12/22 22:10	03/14/22 10:41	1
Zinc	8.0	U	8.0	3.1	mg/Kg		03/12/22 22:10	03/14/22 10:41	1

Lab Sample ID: LCSSRM 460-833131/2-A ^5
Matrix: Solid
Analysis Batch: 833332

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 833131

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits	
Aluminum	7970	7708		mg/Kg		96.7	47.2 - 153.	1
Antimony	99.5	63.29		mg/Kg		63.6	1.0 - 209.	0
Arsenic	140	147.6		mg/Kg		105.4	82.9 - 117.	9
Barium	202	202.2		mg/Kg		100.1	81.2 - 118.	3
Beryllium	42.6	41.04		mg/Kg		96.3	81.0 - 119.	0
Cadmium	97.9	96.29		mg/Kg		98.4	80.0 - 119.	5
Calcium	4190	4230		mg/Kg		101.0	79.2 - 121.	0
Chromium	60.4	60.12		mg/Kg		99.5	80.3 - 119.	7
Cobalt	86.4	89.76		mg/Kg		103.9	80.8 - 119.	2
Copper	122	129.1		mg/Kg		105.8	82.8 - 117.	2
Iron	13800	14060		mg/Kg		101.9	59.2 - 140.	6
Lead	56.7	57.27		mg/Kg		101.0	82.9 - 116.	9
Magnesium	2260	2355		mg/Kg		104.2	75.2 - 124.	8
Manganese	457	472.0		mg/Kg		103.3	79.6 - 120.	6
Nickel	151	155.6		mg/Kg		103.1	79.5 - 121.	2

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-833131/2-A ^5
Matrix: Solid
Analysis Batch: 833332

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 833131

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Potassium	2030	1915		mg/Kg		94.3	70.0 - 130.0
Selenium	35.5	38.83		mg/Kg		109.4	77.5 - 122.3
Silver	33.6	20.55		mg/Kg		61.2	48.2 - 73.5
Sodium	129	490	U	mg/Kg		99.7	70.7 - 129.5
Thallium	69.3	71.47		mg/Kg		103.1	79.4 - 120.6
Vanadium	44.9	45.22		mg/Kg		100.7	78.0 - 121.8
Zinc	186	188.3		mg/Kg		101.3	79.0 - 121.0

Lab Sample ID: 460-253658-E-1-E MS
Matrix: Solid
Analysis Batch: 833332

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 833131

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	8010		468	12050	4	mg/Kg	✱	864	75 - 125
Antimony	0.97	U	4.68	1.97	N	mg/Kg	✱	42	75 - 125
Arsenic	1.5		9.35	9.76		mg/Kg	✱	88	75 - 125
Barium	29.6		9.35	39.19		mg/Kg	✱	103	75 - 125
Beryllium	0.21	J	4.68	4.65		mg/Kg	✱	95	75 - 125
Cadmium	0.97	U	4.68	4.35		mg/Kg	✱	93	75 - 125
Calcium	589		468	1006		mg/Kg	✱	89	75 - 125
Chromium	17.4		9.35	31.65	N	mg/Kg	✱	153	75 - 125
Cobalt	1.6	J	4.68	6.48		mg/Kg	✱	104	75 - 125
Copper	8.0		9.35	19.39		mg/Kg	✱	122	75 - 125
Iron	3930		468	5705	4	mg/Kg	✱	379	75 - 125
Lead	11.0		4.68	15.08		mg/Kg	✱	88	75 - 125
Magnesium	870		468	1425		mg/Kg	✱	119	75 - 125
Manganese	19.9		46.8	66.00		mg/Kg	✱	99	75 - 125
Nickel	5.1		9.35	15.27		mg/Kg	✱	108	75 - 125
Potassium	518		468	965.3		mg/Kg	✱	96	75 - 125
Selenium	0.17	J	9.35	8.34		mg/Kg	✱	87	75 - 125
Silver	0.97	U	4.68	4.45		mg/Kg	✱	95	75 - 125
Sodium	70.6	J	468	533.8		mg/Kg	✱	99	75 - 125
Thallium	0.078	J	3.74	3.52		mg/Kg	✱	92	75 - 125
Vanadium	23.4		9.35	39.19	N	mg/Kg	✱	169	75 - 125
Zinc	15.2		46.8	61.28		mg/Kg	✱	98	75 - 125

Lab Sample ID: 460-253658-E-1-D DU
Matrix: Solid
Analysis Batch: 833332

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 833131

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Aluminum	8010		8345		mg/Kg	✱	4	20
Antimony	0.97	U	0.96	U	mg/Kg	✱	NC	20
Arsenic	1.5		1.50		mg/Kg	✱	0.5	20
Barium	29.6		29.47		mg/Kg	✱	0.4	20

Eurofins Edison

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-253658-E-1-D DU
Matrix: Solid
Analysis Batch: 833332

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 833131

Analyte	Sample	Sample	DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Beryllium	0.21	J	0.225	J	mg/Kg	☼	8	20
Cadmium	0.97	U	0.96	U	mg/Kg	☼	NC	20
Calcium	589		609.2		mg/Kg	☼	3	20
Chromium	17.4		17.92		mg/Kg	☼	3	20
Cobalt	1.6	J	1.66	J	mg/Kg	☼	3	20
Copper	8.0		8.40		mg/Kg	☼	5	20
Iron	3930		4095		mg/Kg	☼	4	20
Lead	11.0		11.18		mg/Kg	☼	2	20
Magnesium	870		901.7		mg/Kg	☼	4	20
Manganese	19.9		20.39		mg/Kg	☼	3	20
Nickel	5.1		5.20		mg/Kg	☼	1	20
Potassium	518		530.7		mg/Kg	☼	2	20
Selenium	0.17	J	0.155	J	mg/Kg	☼	8	20
Silver	0.97	U	0.96	U	mg/Kg	☼	NC	20
Sodium	70.6	J	72.47	J	mg/Kg	☼	3	20
Thallium	0.078	J	0.0793	J	mg/Kg	☼	1	20
Vanadium	23.4		24.38		mg/Kg	☼	4	20
Zinc	15.2		15.21		mg/Kg	☼	0.3	20

Lab Sample ID: 460-253843-11 MS
Matrix: Water
Analysis Batch: 832515

Client Sample ID: TW-05_20220307
Prep Type: Dissolved
Prep Batch: 832601

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Aluminum	67.4		2500	2621		ug/L		102	75 - 125
Antimony	2.0	U	25.0	23.74		ug/L		95	75 - 125
Arsenic	2.0	U	50.0	51.33		ug/L		103	75 - 125
Barium	137		50.0	187.1		ug/L		100	75 - 125
Beryllium	0.80	U	25.0	24.26		ug/L		97	75 - 125
Cadmium	2.0	U	25.0	26.15		ug/L		105	75 - 125
Calcium	155000		2500	153300	4	ug/L		-51	75 - 125
Chromium	4.0	U	50.0	52.11		ug/L		104	75 - 125
Cobalt	1.6	J	25.0	26.97		ug/L		101	75 - 125
Copper	4.1		50.0	54.25		ug/L		100	75 - 125
Iron	102	J	2500	2735		ug/L		105	75 - 125
Lead	1.2	U	25.0	25.99		ug/L		104	75 - 125
Magnesium	53200		2500	55300	4	ug/L		86	75 - 125
Manganese	33.4		250	287.1		ug/L		101	75 - 125
Nickel	8.3		50.0	59.60		ug/L		103	75 - 125
Potassium	6050		2500	8442		ug/L		96	75 - 125
Selenium	2.9		50.0	55.22		ug/L		105	75 - 125
Silver	2.0	U N	25.0	25.23		ug/L		101	75 - 125
Sodium	165000		2500	166000	4	ug/L		49	75 - 125
Thallium	0.80	U	20.0	20.06		ug/L		100	75 - 125
Vanadium	4.0	U	50.0	52.90		ug/L		106	75 - 125
Zinc	16.0	U	250	267.8		ug/L		107	75 - 125

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-253843-11 DU

Matrix: Water

Analysis Batch: 832515

Client Sample ID: TW-05_20220307

Prep Type: Dissolved

Prep Batch: 832601

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Aluminum	67.4		40.0	U	ug/L		NC	20
Antimony	2.0	U	2.0	U	ug/L		NC	20
Arsenic	2.0	U	2.0	U	ug/L		NC	20
Barium	137		133.9		ug/L		2	20
Beryllium	0.80	U	0.80	U	ug/L		NC	20
Cadmium	2.0	U	2.0	U	ug/L		NC	20
Calcium	155000		155000		ug/L		0.3	20
Chromium	4.0	U	4.0	U	ug/L		NC	20
Cobalt	1.6	J	1.64	J	ug/L		0.7	20
Copper	4.1		3.50	J	ug/L		16	20
Iron	102	J	120	U	ug/L		NC	20
Lead	1.2	U	1.2	U	ug/L		NC	20
Magnesium	53200		53360		ug/L		0.4	20
Manganese	33.4		29.39		ug/L		13	20
Nickel	8.3		8.03		ug/L		3	20
Potassium	6050		6021		ug/L		0.5	20
Selenium	2.9		2.77		ug/L		4	20
Silver	2.0	U N	2.0	U N	ug/L		NC	20
Sodium	165000		165200		ug/L		0.3	20
Thallium	0.80	U	0.80	U	ug/L		NC	20
Vanadium	4.0	U	4.0	U	ug/L		NC	20
Zinc	16.0	U	16.0	U	ug/L		NC	20

Lab Sample ID: MB 460-832809/1-B

Matrix: Water

Analysis Batch: 832924

Client Sample ID: Method Blank

Prep Type: Dissolved

Prep Batch: 832810

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	40.0	U	40.0	19.5	ug/L		03/10/22 23:47	03/11/22 18:46	1
Antimony	2.0	U	2.0	0.76	ug/L		03/10/22 23:47	03/11/22 18:46	1
Arsenic	2.0	U	2.0	0.89	ug/L		03/10/22 23:47	03/11/22 18:46	1
Barium	4.0	U	4.0	0.91	ug/L		03/10/22 23:47	03/11/22 18:46	1
Beryllium	0.80	U	0.80	0.13	ug/L		03/10/22 23:47	03/11/22 18:46	1
Cadmium	2.0	U	2.0	0.39	ug/L		03/10/22 23:47	03/11/22 18:46	1
Calcium	500	U	500	53.6	ug/L		03/10/22 23:47	03/11/22 18:46	1
Chromium	4.0	U	4.0	2.5	ug/L		03/10/22 23:47	03/11/22 18:46	1
Cobalt	4.0	U	4.0	0.71	ug/L		03/10/22 23:47	03/11/22 18:46	1
Copper	4.0	U	4.0	2.5	ug/L		03/10/22 23:47	03/11/22 18:46	1
Iron	120	U	120	58.2	ug/L		03/10/22 23:47	03/11/22 18:46	1
Lead	1.2	U	1.2	0.84	ug/L		03/10/22 23:47	03/11/22 18:46	1
Magnesium	200	U	200	46.9	ug/L		03/10/22 23:47	03/11/22 18:46	1
Manganese	8.0	U	8.0	1.5	ug/L		03/10/22 23:47	03/11/22 18:46	1
Nickel	4.0	U	4.0	0.91	ug/L		03/10/22 23:47	03/11/22 18:46	1
Potassium	200	U	200	112	ug/L		03/10/22 23:47	03/11/22 18:46	1
Selenium	2.5	U	2.5	0.59	ug/L		03/10/22 23:47	03/11/22 18:46	1
Silver	2.0	U	2.0	0.29	ug/L		03/10/22 23:47	03/11/22 18:46	1
Sodium	500	U	500	163	ug/L		03/10/22 23:47	03/11/22 18:46	1
Thallium	0.80	U	0.80	0.21	ug/L		03/10/22 23:47	03/11/22 18:46	1
Vanadium	4.0	U	4.0	0.68	ug/L		03/10/22 23:47	03/11/22 18:46	1

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-832809/1-B
Matrix: Water
Analysis Batch: 832924

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 832810

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Zinc	16.0	U	16.0	6.5	ug/L		03/10/22 23:47	03/11/22 18:46	1

Lab Sample ID: 460-253911-11 MS
Matrix: Water
Analysis Batch: 832924

Client Sample ID: TW-01_20220308
Prep Type: Dissolved
Prep Batch: 832810

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
Aluminum	29.9	J	2500	2429		ug/L		96	75 - 125
Antimony	2.0	U	25.0	22.52		ug/L		90	75 - 125
Arsenic	2.0	U	50.0	48.90		ug/L		98	75 - 125
Barium	631		50.0	677.1	4	ug/L		93	75 - 125
Beryllium	0.80	U	25.0	25.86		ug/L		103	75 - 125
Cadmium	0.56	J	25.0	26.84		ug/L		105	75 - 125
Calcium	335000		2500	332000	4	ug/L		-132	75 - 125
Chromium	4.0	U	50.0	47.32		ug/L		95	75 - 125
Cobalt	14.8		25.0	38.93		ug/L		96	75 - 125
Copper	4.0	U	50.0	50.06		ug/L		100	75 - 125
Iron	5720		2500	7884		ug/L		87	75 - 125
Lead	1.2	U	25.0	24.63		ug/L		99	75 - 125
Magnesium	75900		2500	77230	4	ug/L		54	75 - 125
Nickel	9.5		50.0	56.92		ug/L		95	75 - 125
Potassium	19700		2500	21900	4	ug/L		87	75 - 125
Selenium	2.5	U	50.0	50.87		ug/L		102	75 - 125
Silver	2.0	U	25.0	19.75		ug/L		79	75 - 125
Sodium	431000		2500	426900	4	ug/L		-156	75 - 125
Thallium	0.80	U	20.0	19.36		ug/L		97	75 - 125
Vanadium	4.0	U	50.0	48.97		ug/L		98	75 - 125
Zinc	16.0	U	250	245.7		ug/L		98	75 - 125

Lab Sample ID: 460-253911-11 MS
Matrix: Water
Analysis Batch: 832924

Client Sample ID: TW-01_20220308
Prep Type: Dissolved
Prep Batch: 832810

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
Manganese	21800		1250	22870	4	ug/L		87	75 - 125

Lab Sample ID: 460-253911-11 DU
Matrix: Water
Analysis Batch: 832924

Client Sample ID: TW-01_20220308
Prep Type: Dissolved
Prep Batch: 832810

Analyte	Sample Result	Sample Qualifier	DU DU		Unit	D	RPD	
			Result	Qualifier			RPD	Limit
Aluminum	29.9	J	40.0	U	ug/L		NC	20
Antimony	2.0	U	2.0	U	ug/L		NC	20
Arsenic	2.0	U	2.0	U	ug/L		NC	20
Barium	631		639.8		ug/L		1	20
Beryllium	0.80	U	0.80	U	ug/L		NC	20
Cadmium	0.56	J	0.959	J	ug/L		53	20
Calcium	335000		329800		ug/L		2	20
Chromium	4.0	U	4.0	U	ug/L		NC	20

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-253911-11 DU
Matrix: Water
Analysis Batch: 832924

Client Sample ID: TW-01_20220308
Prep Type: Dissolved
Prep Batch: 832810

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Cobalt	14.8		14.57		ug/L		2	20
Copper	4.0	U	4.0	U	ug/L		NC	20
Iron	5720		5670		ug/L		0.8	20
Lead	1.2	U	1.2	U	ug/L		NC	20
Magnesium	75900		75070		ug/L		1	20
Nickel	9.5		9.57		ug/L		0.5	20
Potassium	19700		19450		ug/L		1	20
Selenium	2.5	U	2.5	U	ug/L		NC	20
Silver	2.0	U	2.0	U	ug/L		NC	20
Sodium	431000		426800		ug/L		0.9	20
Thallium	0.80	U	0.80	U	ug/L		NC	20
Vanadium	4.0	U	4.0	U	ug/L		NC	20
Zinc	16.0	U	16.0	U	ug/L		NC	20

Lab Sample ID: 460-253911-11 DU
Matrix: Water
Analysis Batch: 832924

Client Sample ID: TW-01_20220308
Prep Type: Dissolved
Prep Batch: 832810

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Manganese	21800		21510		ug/L		1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 460-832711/1-A
Matrix: Water
Analysis Batch: 832774

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832711

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Mercury	0.20	U	0.20	0.091	ug/L		03/10/22 11:51	03/10/22 14:54		1

Lab Sample ID: LCS 460-832711/2-A
Matrix: Water
Analysis Batch: 832774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832711

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits

Lab Sample ID: 460-253503-G-1-B MS
Matrix: Water
Analysis Batch: 832774

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 832711

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Mercury	0.20	U	1.00	1.02		ug/L		102	75 - 125

Lab Sample ID: 460-253503-A-1-A DU
Matrix: Water
Analysis Batch: 832774

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 832711

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Mercury	0.20	U	0.20	U	ug/L		NC	20

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: MB 460-832742/1-A
Matrix: Water
Analysis Batch: 832774

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832742

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		03/10/22 14:22	03/10/22 15:49	1

Lab Sample ID: LCS 460-832742/3-A
Matrix: Water
Analysis Batch: 832774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832742

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.00	0.992		ug/L		99	80 - 120

Lab Sample ID: MB 460-832930/1-A
Matrix: Water
Analysis Batch: 832993

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832930

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		03/11/22 11:19	03/11/22 15:19	1

Lab Sample ID: LCS 460-832930/2-A
Matrix: Water
Analysis Batch: 832993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832930

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.00	0.962		ug/L		96	80 - 120

Lab Sample ID: 460-253911-11 MS
Matrix: Water
Analysis Batch: 832993

Client Sample ID: TW-01_20220308
Prep Type: Total/NA
Prep Batch: 832930

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.20	U	1.00	0.964		ug/L		96	75 - 125

Lab Sample ID: 460-253911-11 DU
Matrix: Water
Analysis Batch: 832993

Client Sample ID: TW-01_20220308
Prep Type: Total/NA
Prep Batch: 832930

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.20	U	0.20	U	ug/L		NC	20

Lab Sample ID: MB 460-833344/1-A
Matrix: Water
Analysis Batch: 833379

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 833344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		03/14/22 14:09	03/14/22 15:40	1

Lab Sample ID: LCS 460-833344/3-A
Matrix: Water
Analysis Batch: 833379

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 833344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	1.00	1.02		ug/L		102	80 - 120

Eurofins Edison

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 460-253843-11 MS
Matrix: Water
Analysis Batch: 832774

Client Sample ID: TW-05_20220307
Prep Type: Dissolved
Prep Batch: 832742
 %Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	0.20	U	1.00	0.984		ug/L		98	75 - 125

Lab Sample ID: 460-253843-11 DU
Matrix: Water
Analysis Batch: 832774

Client Sample ID: TW-05_20220307
Prep Type: Dissolved
Prep Batch: 832742
 RPD

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	0.20	U	0.20	U	ug/L		NC	20

Lab Sample ID: 460-253911-13 MS
Matrix: Water
Analysis Batch: 833379

Client Sample ID: TW-03_20220308
Prep Type: Dissolved
Prep Batch: 833344
 %Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	0.20	U	1.00	0.963		ug/L		96	75 - 125

Lab Sample ID: 460-253911-13 DU
Matrix: Water
Analysis Batch: 833379

Client Sample ID: TW-03_20220308
Prep Type: Dissolved
Prep Batch: 833344
 RPD

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	0.20	U	0.20	U	ug/L		NC	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-832616/10-A
Matrix: Solid
Analysis Batch: 832698

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832616

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		03/10/22 03:12	03/10/22 06:36	1

Lab Sample ID: LCSSRM 460-832616/11-A ^40
Matrix: Solid
Analysis Batch: 832698

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832616
 %Rec.

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	Limits
Mercury	16.5	16.76		mg/Kg		101.6	74.5 - 124.8

Lab Sample ID: 460-253971-D-4-C MS
Matrix: Solid
Analysis Batch: 832698

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 832616
 %Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	0.088		0.0901	0.179		mg/Kg	⊛	102	80 - 120

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-253971-D-4-B DU
Matrix: Solid
Analysis Batch: 832698

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 832616

Analyte	Sample	Sample	DU		Unit	D	RPD	RPD	
	Result	Qualifier	Result	Qualifier				Limit	Limit
Mercury	0.088		0.0888		mg/Kg	☼	1	20	

Lab Sample ID: MB 460-832617/1-A
Matrix: Solid
Analysis Batch: 832698

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832617

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.017	U	0.017	0.0080	mg/Kg		03/10/22 03:43	03/10/22 07:28	1

Lab Sample ID: LCSSRM 460-832617/2-A ^40
Matrix: Solid
Analysis Batch: 832698

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832617

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits	
							Limit	Limit
Mercury	16.5	16.79		mg/Kg		101.8	74.5 - 124.8	

Lab Sample ID: 460-253843-7 MS
Matrix: Solid
Analysis Batch: 832698

Client Sample ID: SB-09_1-3_20220307
Prep Type: Total/NA
Prep Batch: 832617

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec. Limits	
	Result	Qualifier		Result	Qualifier				Limit	Limit
Mercury	0.091		0.0891	0.215	N	mg/Kg	☼	139	80 - 120	

Lab Sample ID: 460-253843-7 DU
Matrix: Solid
Analysis Batch: 832698

Client Sample ID: SB-09_1-3_20220307
Prep Type: Total/NA
Prep Batch: 832617

Analyte	Sample	Sample	DU		Unit	D	RPD	RPD	
	Result	Qualifier	Result	Qualifier				Limit	Limit
Mercury	0.091		0.0945		mg/Kg	☼	4	20	

Lab Sample ID: MB 460-832839/1-A
Matrix: Solid
Analysis Batch: 832925

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832839

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.017	U	0.017	0.0080	mg/Kg		03/11/22 04:02	03/11/22 07:35	1

Lab Sample ID: LCSSRM 460-832839/2-A ^40
Matrix: Solid
Analysis Batch: 832925

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832839

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits	
							Limit	Limit
Mercury	16.5	16.49		mg/Kg		99.9	74.5 - 124.8	

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-253904-F-7-A MS
Matrix: Solid
Analysis Batch: 832925

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 832839
 %Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	0.18		0.0881	0.255		mg/Kg	☼	88	80 - 120

Lab Sample ID: 460-253904-A-7-D DU
Matrix: Solid
Analysis Batch: 832925

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 832839
 RPD

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	0.18		0.180		mg/Kg	☼	2	20

Lab Sample ID: MB 460-832840/1-A
Matrix: Solid
Analysis Batch: 832925

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832840

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		03/11/22 04:19	03/11/22 08:30	1

Lab Sample ID: LCSSRM 460-832840/2-A ^40
Matrix: Solid
Analysis Batch: 832925

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832840
 %Rec.

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	Limits
Mercury	16.5	16.49		mg/Kg		99.9	74.5 - 124.8

Lab Sample ID: 460-253966-D-1-B MS
Matrix: Solid
Analysis Batch: 832925

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 832840
 %Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	0.018	U	0.0854	0.0878		mg/Kg	☼	103	80 - 120

Lab Sample ID: 460-253966-A-1-D DU
Matrix: Solid
Analysis Batch: 832925

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 832840
 RPD

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	0.018	U	0.017	U	mg/Kg	☼	NC	20

Method: Moisture - Percent Moisture

Lab Sample ID: 460-253846-E-6 DU
Matrix: Solid
Analysis Batch: 832824

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Percent Moisture	9.7		7.0	*	%		33	20
Percent Solids	90.3		93.0		%		3	20

QC Sample Results

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 460-253960-A-1 DU

Matrix: Solid

Analysis Batch: 833016

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Percent Moisture	29.8		24.8	*	%		133	20
Percent Solids	70.2		75.2		%		NC	20

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

QC Association Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

GC/MS VOA

Prep Batch: 832359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-1	SB-04_1-3_20220307	Total/NA	Solid	5035	
460-253843-2	SB-04_12-14_20220307	Total/NA	Solid	5035	
460-253843-3	SB-05_1-3_20220307	Total/NA	Solid	5035	
460-253843-4	SB-05_12-14_20220307	Total/NA	Solid	5035	
460-253843-5	SB-06_1-3_20220307	Total/NA	Solid	5035	
460-253843-6	SB-06_12-14_20220307	Total/NA	Solid	5035	
460-253843-7	SB-09_1-3_20220307	Total/NA	Solid	5035	
460-253843-8	SB-09_12-14_20220307	Total/NA	Solid	5035	
460-253843-9	SB-10_1-3_20220307	Total/NA	Solid	5035	
460-253843-10	SB-10_12-14_20220307	Total/NA	Solid	5035	
LB3 460-832359/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 832417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-1	SB-04_1-3_20220307	Total/NA	Solid	8260D	832359
460-253843-2	SB-04_12-14_20220307	Total/NA	Solid	8260D	832359
460-253843-3	SB-05_1-3_20220307	Total/NA	Solid	8260D	832359
460-253843-4	SB-05_12-14_20220307	Total/NA	Solid	8260D	832359
460-253843-5	SB-06_1-3_20220307	Total/NA	Solid	8260D	832359
460-253843-6	SB-06_12-14_20220307	Total/NA	Solid	8260D	832359
460-253843-7	SB-09_1-3_20220307	Total/NA	Solid	8260D	832359
460-253843-8	SB-09_12-14_20220307	Total/NA	Solid	8260D	832359
460-253843-9	SB-10_1-3_20220307	Total/NA	Solid	8260D	832359
460-253843-10	SB-10_12-14_20220307	Total/NA	Solid	8260D	832359
MB 460-832417/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-832417/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-832417/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 832424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB3 460-832359/1-A	Method Blank	Total/NA	Solid	8260D	832359
MB 460-832424/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-832424/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-832424/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 832582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-1	SB-01_1-3_20220308	Total/NA	Solid	5035	
460-253911-2	SB-01_12-14_20220308	Total/NA	Solid	5035	
460-253911-3	SB-02_1-3_20220308	Total/NA	Solid	5035	
460-253911-4	SB-02_12-14_20220308	Total/NA	Solid	5035	
460-253911-5	SB-03_1-3_20220308	Total/NA	Solid	5035	
460-253911-6	SB-03_12-14_20220308	Total/NA	Solid	5035	
460-253911-7	SB-07_1-3_20220308	Total/NA	Solid	5035	
460-253911-8	SB-07_12-14_20220308	Total/NA	Solid	5035	
460-253911-9	SB-08_1-3_20220308	Total/NA	Solid	5035	
460-253911-10	SB-08_12-14_20220308	Total/NA	Solid	5035	
LB3 460-832582/1-A	Method Blank	Total/NA	Solid	5035	

QC Association Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

GC/MS VOA

Analysis Batch: 832755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB3 460-832582/1-A	Method Blank	Total/NA	Solid	8260D	832582
MB 460-832755/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-832755/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-832755/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 832767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-11	TW-05_20220307	Total/NA	Water	8260D	
460-253843-12	TW-06_20220307	Total/NA	Water	8260D	
460-253843-13	TB_20220307	Total/NA	Water	8260D	
MB 460-832767/8	Method Blank	Total/NA	Water	8260D	
LCS 460-832767/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-832767/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 832843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-1	SB-01_1-3_20220308	Total/NA	Solid	8260D	832582
460-253911-2	SB-01_12-14_20220308	Total/NA	Solid	8260D	832582
MB 460-832843/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-832843/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-832843/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 832851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-12	TW-02_20220308	Total/NA	Water	8260D	
460-253911-13	TW-03_20220308	Total/NA	Water	8260D	
460-253911-14	TW-04_20220308	Total/NA	Water	8260D	
460-253911-15	TB_20220308	Total/NA	Water	8260D	
MB 460-832851/8	Method Blank	Total/NA	Water	8260D	
LCS 460-832851/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-832851/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 832959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-3	SB-02_1-3_20220308	Total/NA	Solid	8260D	832582
460-253911-4	SB-02_12-14_20220308	Total/NA	Solid	8260D	832582
460-253911-5	SB-03_1-3_20220308	Total/NA	Solid	8260D	832582
460-253911-6	SB-03_12-14_20220308	Total/NA	Solid	8260D	832582
460-253911-7	SB-07_1-3_20220308	Total/NA	Solid	8260D	832582
460-253911-8	SB-07_12-14_20220308	Total/NA	Solid	8260D	832582
460-253911-9	SB-08_1-3_20220308	Total/NA	Solid	8260D	832582
460-253911-10	SB-08_12-14_20220308	Total/NA	Solid	8260D	832582
MB 460-832959/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-832959/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-832959/6	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 832960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-11	TW-01_20220308	Total/NA	Water	8260D	
MB 460-832960/9	Method Blank	Total/NA	Water	8260D	
LCS 460-832960/3	Lab Control Sample	Total/NA	Water	8260D	

Eurofins Edison

QC Association Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

GC/MS VOA (Continued)

Analysis Batch: 832960 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 460-832960/4	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 832410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-11	TW-05_20220307	Total/NA	Water	3510C	
460-253843-12	TW-06_20220307	Total/NA	Water	3510C	
MB 460-832410/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-832410/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-832410/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 832536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-11	TW-05_20220307	Total/NA	Water	8270E	832410
460-253843-12	TW-06_20220307	Total/NA	Water	8270E	832410
MB 460-832410/1-A	Method Blank	Total/NA	Water	8270E	832410
LCS 460-832410/2-A	Lab Control Sample	Total/NA	Water	8270E	832410
LCSD 460-832410/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	832410

Prep Batch: 832595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-1	SB-04_1-3_20220307	Total/NA	Solid	3546	
460-253843-2	SB-04_12-14_20220307	Total/NA	Solid	3546	
460-253843-3	SB-05_1-3_20220307	Total/NA	Solid	3546	
460-253843-4	SB-05_12-14_20220307	Total/NA	Solid	3546	
460-253843-5	SB-06_1-3_20220307	Total/NA	Solid	3546	
460-253843-6	SB-06_12-14_20220307	Total/NA	Solid	3546	
MB 460-832595/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-832595/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-832595/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-253352-A-4-B MS	Matrix Spike	Total/NA	Solid	3546	
460-253352-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 832596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-7	SB-09_1-3_20220307	Total/NA	Solid	3546	
460-253843-8	SB-09_12-14_20220307	Total/NA	Solid	3546	
460-253843-9	SB-10_1-3_20220307	Total/NA	Solid	3546	
460-253843-10	SB-10_12-14_20220307	Total/NA	Solid	3546	
MB 460-832596/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-832596/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-832596/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-253843-7 MS	SB-09_1-3_20220307	Total/NA	Solid	3546	
460-253843-7 MSD	SB-09_1-3_20220307	Total/NA	Solid	3546	

Prep Batch: 832599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-1	SB-01_1-3_20220308	Total/NA	Solid	3546	
460-253911-2	SB-01_12-14_20220308	Total/NA	Solid	3546	
460-253911-3	SB-02_1-3_20220308	Total/NA	Solid	3546	

Eurofins Edison

QC Association Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

GC/MS Semi VOA (Continued)

Prep Batch: 832599 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-4	SB-02_12-14_20220308	Total/NA	Solid	3546	
460-253911-5	SB-03_1-3_20220308	Total/NA	Solid	3546	
460-253911-6	SB-03_12-14_20220308	Total/NA	Solid	3546	
460-253911-7	SB-07_1-3_20220308	Total/NA	Solid	3546	
460-253911-8	SB-07_12-14_20220308	Total/NA	Solid	3546	
460-253911-9	SB-08_1-3_20220308	Total/NA	Solid	3546	
460-253911-10	SB-08_12-14_20220308	Total/NA	Solid	3546	
MB 460-832599/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-832599/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-832599/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-253904-E-7-G MS	Matrix Spike	Total/NA	Solid	3546	
460-253904-E-7-H MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 832639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-11	TW-01_20220308	Total/NA	Water	3510C	
460-253911-12	TW-02_20220308	Total/NA	Water	3510C	
460-253911-13	TW-03_20220308	Total/NA	Water	3510C	
460-253911-14	TW-04_20220308	Total/NA	Water	3510C	
MB 460-832639/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-832639/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-832639/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 832658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-1	SB-04_1-3_20220307	Total/NA	Solid	8270E	832595
460-253843-2	SB-04_12-14_20220307	Total/NA	Solid	8270E	832595
460-253843-3	SB-05_1-3_20220307	Total/NA	Solid	8270E	832595
460-253843-4	SB-05_12-14_20220307	Total/NA	Solid	8270E	832595
460-253843-5	SB-06_1-3_20220307	Total/NA	Solid	8270E	832595
460-253843-6	SB-06_12-14_20220307	Total/NA	Solid	8270E	832595
MB 460-832595/1-A	Method Blank	Total/NA	Solid	8270E	832595
LCS 460-832595/2-A	Lab Control Sample	Total/NA	Solid	8270E	832595
LCSD 460-832595/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	832595
460-253352-A-4-B MS	Matrix Spike	Total/NA	Solid	8270E	832595
460-253352-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	832595

Analysis Batch: 832661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-7	SB-09_1-3_20220307	Total/NA	Solid	8270E	832596
460-253843-8	SB-09_12-14_20220307	Total/NA	Solid	8270E	832596
460-253843-9	SB-10_1-3_20220307	Total/NA	Solid	8270E	832596
460-253843-10	SB-10_12-14_20220307	Total/NA	Solid	8270E	832596
MB 460-832596/1-A	Method Blank	Total/NA	Solid	8270E	832596
LCS 460-832596/2-A	Lab Control Sample	Total/NA	Solid	8270E	832596
LCSD 460-832596/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	832596
460-253843-7 MS	SB-09_1-3_20220307	Total/NA	Solid	8270E	832596
460-253843-7 MSD	SB-09_1-3_20220307	Total/NA	Solid	8270E	832596

QC Association Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

GC/MS Semi VOA

Analysis Batch: 832664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-2	SB-01_12-14_20220308	Total/NA	Solid	8270E	832599
460-253911-3	SB-02_1-3_20220308	Total/NA	Solid	8270E	832599
460-253911-4	SB-02_12-14_20220308	Total/NA	Solid	8270E	832599
460-253911-6	SB-03_12-14_20220308	Total/NA	Solid	8270E	832599
460-253911-7	SB-07_1-3_20220308	Total/NA	Solid	8270E	832599
460-253911-8	SB-07_12-14_20220308	Total/NA	Solid	8270E	832599
460-253911-9	SB-08_1-3_20220308	Total/NA	Solid	8270E	832599
460-253911-10	SB-08_12-14_20220308	Total/NA	Solid	8270E	832599
MB 460-832599/1-A	Method Blank	Total/NA	Solid	8270E	832599
LCS 460-832599/2-A	Lab Control Sample	Total/NA	Solid	8270E	832599
LCSD 460-832599/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	832599
460-253904-E-7-G MS	Matrix Spike	Total/NA	Solid	8270E	832599
460-253904-E-7-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	832599

Analysis Batch: 832677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-11	TW-01_20220308	Total/NA	Water	8270E	832639
460-253911-12	TW-02_20220308	Total/NA	Water	8270E	832639
460-253911-13	TW-03_20220308	Total/NA	Water	8270E	832639
460-253911-14	TW-04_20220308	Total/NA	Water	8270E	832639
MB 460-832639/1-A	Method Blank	Total/NA	Water	8270E	832639
LCS 460-832639/2-A	Lab Control Sample	Total/NA	Water	8270E	832639
LCSD 460-832639/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	832639

Analysis Batch: 832765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-1	SB-01_1-3_20220308	Total/NA	Solid	8270E	832599
460-253911-5	SB-03_1-3_20220308	Total/NA	Solid	8270E	832599

GC Semi VOA

Prep Batch: 832367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-11	TW-05_20220307	Total/NA	Water	3510C	
460-253843-12	TW-06_20220307	Total/NA	Water	3510C	
MB 460-832367/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-832367/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-832367/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 832374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-11	TW-05_20220307	Total/NA	Water	8081B	832367
460-253843-12	TW-06_20220307	Total/NA	Water	8081B	832367

Analysis Batch: 832378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-832367/1-A	Method Blank	Total/NA	Water	8081B	832367
LCS 460-832367/2-A	Lab Control Sample	Total/NA	Water	8081B	832367
LCSD 460-832367/3-A	Lab Control Sample Dup	Total/NA	Water	8081B	832367

QC Association Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

GC Semi VOA

Prep Batch: 832436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-11	TW-05_20220307	Total/NA	Water	3510C	
460-253843-12	TW-06_20220307	Total/NA	Water	3510C	
MB 460-832436/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-832436/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-832436/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 832530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-11	TW-05_20220307	Total/NA	Water	8082A	832436
460-253843-12	TW-06_20220307	Total/NA	Water	8082A	832436
MB 460-832436/1-A	Method Blank	Total/NA	Water	8082A	832436
LCS 460-832436/2-A	Lab Control Sample	Total/NA	Water	8082A	832436
LCSD 460-832436/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	832436

Prep Batch: 832547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-1	SB-04_1-3_20220307	Total/NA	Solid	3546	
460-253843-2	SB-04_12-14_20220307	Total/NA	Solid	3546	
460-253843-3	SB-05_1-3_20220307	Total/NA	Solid	3546	
460-253843-4	SB-05_12-14_20220307	Total/NA	Solid	3546	
460-253843-5	SB-06_1-3_20220307	Total/NA	Solid	3546	
460-253843-6	SB-06_12-14_20220307	Total/NA	Solid	3546	
460-253843-7	SB-09_1-3_20220307	Total/NA	Solid	3546	
460-253843-8	SB-09_12-14_20220307	Total/NA	Solid	3546	
460-253843-9	SB-10_1-3_20220307	Total/NA	Solid	3546	
460-253843-10	SB-10_12-14_20220307	Total/NA	Solid	3546	
MB 460-832547/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-832547/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-832547/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Prep Batch: 832548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-1	SB-01_1-3_20220308	Total/NA	Solid	3546	
460-253911-2	SB-01_12-14_20220308	Total/NA	Solid	3546	
460-253911-3	SB-02_1-3_20220308	Total/NA	Solid	3546	
460-253911-4	SB-02_12-14_20220308	Total/NA	Solid	3546	
460-253911-5	SB-03_1-3_20220308	Total/NA	Solid	3546	
460-253911-6	SB-03_12-14_20220308	Total/NA	Solid	3546	
460-253911-7	SB-07_1-3_20220308	Total/NA	Solid	3546	
460-253911-8	SB-07_12-14_20220308	Total/NA	Solid	3546	
460-253911-9	SB-08_1-3_20220308	Total/NA	Solid	3546	
460-253911-10	SB-08_12-14_20220308	Total/NA	Solid	3546	
MB 460-832548/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-832548/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-832548/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-253911-1 MS	SB-01_1-3_20220308	Total/NA	Solid	3546	
460-253911-1 MSD	SB-01_1-3_20220308	Total/NA	Solid	3546	

Prep Batch: 832550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-1	SB-04_1-3_20220307	Total/NA	Solid	3546	

Eurofins Edison

QC Association Summary

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

GC Semi VOA (Continued)

Prep Batch: 832550 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-2	SB-04_12-14_20220307	Total/NA	Solid	3546	
460-253843-3	SB-05_1-3_20220307	Total/NA	Solid	3546	
460-253843-4	SB-05_12-14_20220307	Total/NA	Solid	3546	
460-253843-5	SB-06_1-3_20220307	Total/NA	Solid	3546	
460-253843-6	SB-06_12-14_20220307	Total/NA	Solid	3546	
460-253843-7	SB-09_1-3_20220307	Total/NA	Solid	3546	
460-253843-8	SB-09_12-14_20220307	Total/NA	Solid	3546	
460-253843-9	SB-10_1-3_20220307	Total/NA	Solid	3546	
460-253843-10	SB-10_12-14_20220307	Total/NA	Solid	3546	
MB 460-832550/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-832550/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-832550/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Prep Batch: 832551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-1	SB-01_1-3_20220308	Total/NA	Solid	3546	
460-253911-2	SB-01_12-14_20220308	Total/NA	Solid	3546	
460-253911-3	SB-02_1-3_20220308	Total/NA	Solid	3546	
460-253911-4	SB-02_12-14_20220308	Total/NA	Solid	3546	
460-253911-5	SB-03_1-3_20220308	Total/NA	Solid	3546	
460-253911-6	SB-03_12-14_20220308	Total/NA	Solid	3546	
460-253911-7	SB-07_1-3_20220308	Total/NA	Solid	3546	
460-253911-8	SB-07_12-14_20220308	Total/NA	Solid	3546	
460-253911-9	SB-08_1-3_20220308	Total/NA	Solid	3546	
460-253911-10	SB-08_12-14_20220308	Total/NA	Solid	3546	
MB 460-832551/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-832551/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-832551/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-253911-1 MS	SB-01_1-3_20220308	Total/NA	Solid	3546	
460-253911-1 MSD	SB-01_1-3_20220308	Total/NA	Solid	3546	

Analysis Batch: 832606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-1	SB-01_1-3_20220308	Total/NA	Solid	8081B	832551
460-253911-2	SB-01_12-14_20220308	Total/NA	Solid	8081B	832551
460-253911-3	SB-02_1-3_20220308	Total/NA	Solid	8081B	832551
460-253911-4	SB-02_12-14_20220308	Total/NA	Solid	8081B	832551
460-253911-5	SB-03_1-3_20220308	Total/NA	Solid	8081B	832551
460-253911-6	SB-03_12-14_20220308	Total/NA	Solid	8081B	832551
460-253911-7	SB-07_1-3_20220308	Total/NA	Solid	8081B	832551
460-253911-8	SB-07_12-14_20220308	Total/NA	Solid	8081B	832551
460-253911-9	SB-08_1-3_20220308	Total/NA	Solid	8081B	832551
460-253911-10	SB-08_12-14_20220308	Total/NA	Solid	8081B	832551
MB 460-832551/1-A	Method Blank	Total/NA	Solid	8081B	832551
LCS 460-832551/2-A	Lab Control Sample	Total/NA	Solid	8081B	832551
LCSD 460-832551/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	832551
460-253911-1 MS	SB-01_1-3_20220308	Total/NA	Solid	8081B	832551
460-253911-1 MSD	SB-01_1-3_20220308	Total/NA	Solid	8081B	832551

QC Association Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

GC Semi VOA

Analysis Batch: 832613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-1	SB-04_1-3_20220307	Total/NA	Solid	8081B	832550
460-253843-2	SB-04_12-14_20220307	Total/NA	Solid	8081B	832550
460-253843-3	SB-05_1-3_20220307	Total/NA	Solid	8081B	832550
460-253843-4	SB-05_12-14_20220307	Total/NA	Solid	8081B	832550
460-253843-5	SB-06_1-3_20220307	Total/NA	Solid	8081B	832550
460-253843-6	SB-06_12-14_20220307	Total/NA	Solid	8081B	832550
460-253843-7	SB-09_1-3_20220307	Total/NA	Solid	8081B	832550
460-253843-8	SB-09_12-14_20220307	Total/NA	Solid	8081B	832550
460-253843-9	SB-10_1-3_20220307	Total/NA	Solid	8081B	832550
460-253843-10	SB-10_12-14_20220307	Total/NA	Solid	8081B	832550
MB 460-832550/1-A	Method Blank	Total/NA	Solid	8081B	832550
LCS 460-832550/2-A	Lab Control Sample	Total/NA	Solid	8081B	832550
LCSD 460-832550/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	832550

Analysis Batch: 832626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-1	SB-04_1-3_20220307	Total/NA	Solid	8082A	832547
460-253843-2	SB-04_12-14_20220307	Total/NA	Solid	8082A	832547
460-253843-3	SB-05_1-3_20220307	Total/NA	Solid	8082A	832547
460-253843-4	SB-05_12-14_20220307	Total/NA	Solid	8082A	832547
460-253843-5	SB-06_1-3_20220307	Total/NA	Solid	8082A	832547
460-253843-6	SB-06_12-14_20220307	Total/NA	Solid	8082A	832547
460-253843-7	SB-09_1-3_20220307	Total/NA	Solid	8082A	832547
460-253843-8	SB-09_12-14_20220307	Total/NA	Solid	8082A	832547
460-253843-9	SB-10_1-3_20220307	Total/NA	Solid	8082A	832547
460-253843-10	SB-10_12-14_20220307	Total/NA	Solid	8082A	832547
MB 460-832547/1-A	Method Blank	Total/NA	Solid	8082A	832547
LCS 460-832547/2-A	Lab Control Sample	Total/NA	Solid	8082A	832547
LCSD 460-832547/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	832547

Analysis Batch: 832627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-1	SB-01_1-3_20220308	Total/NA	Solid	8082A	832548
460-253911-2	SB-01_12-14_20220308	Total/NA	Solid	8082A	832548
460-253911-3	SB-02_1-3_20220308	Total/NA	Solid	8082A	832548
460-253911-4	SB-02_12-14_20220308	Total/NA	Solid	8082A	832548
460-253911-5	SB-03_1-3_20220308	Total/NA	Solid	8082A	832548
460-253911-6	SB-03_12-14_20220308	Total/NA	Solid	8082A	832548
460-253911-7	SB-07_1-3_20220308	Total/NA	Solid	8082A	832548
460-253911-8	SB-07_12-14_20220308	Total/NA	Solid	8082A	832548
460-253911-9	SB-08_1-3_20220308	Total/NA	Solid	8082A	832548
460-253911-10	SB-08_12-14_20220308	Total/NA	Solid	8082A	832548
MB 460-832548/1-A	Method Blank	Total/NA	Solid	8082A	832548
LCS 460-832548/2-A	Lab Control Sample	Total/NA	Solid	8082A	832548
LCSD 460-832548/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	832548
460-253911-1 MS	SB-01_1-3_20220308	Total/NA	Solid	8082A	832548
460-253911-1 MSD	SB-01_1-3_20220308	Total/NA	Solid	8082A	832548

Prep Batch: 832650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-11	TW-01_20220308	Total/NA	Water	3510C	

Eurofins Edison

QC Association Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

GC Semi VOA (Continued)

Prep Batch: 832650 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-12	TW-02_20220308	Total/NA	Water	3510C	
460-253911-13	TW-03_20220308	Total/NA	Water	3510C	
460-253911-14	TW-04_20220308	Total/NA	Water	3510C	
MB 460-832650/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-832650/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-832650/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 832651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-11	TW-01_20220308	Total/NA	Water	3510C	
460-253911-12	TW-02_20220308	Total/NA	Water	3510C	
460-253911-13	TW-03_20220308	Total/NA	Water	3510C	
460-253911-14	TW-04_20220308	Total/NA	Water	3510C	
MB 460-832651/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-832651/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-832651/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 832832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-11	TW-01_20220308	Total/NA	Water	8081B	832650
460-253911-12	TW-02_20220308	Total/NA	Water	8081B	832650
460-253911-13	TW-03_20220308	Total/NA	Water	8081B	832650
460-253911-14	TW-04_20220308	Total/NA	Water	8081B	832650
MB 460-832650/1-A	Method Blank	Total/NA	Water	8081B	832650
LCS 460-832650/2-A	Lab Control Sample	Total/NA	Water	8081B	832650
LCSD 460-832650/3-A	Lab Control Sample Dup	Total/NA	Water	8081B	832650

Analysis Batch: 832850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-11	TW-01_20220308	Total/NA	Water	8082A	832651
460-253911-12	TW-02_20220308	Total/NA	Water	8082A	832651
460-253911-13	TW-03_20220308	Total/NA	Water	8082A	832651
460-253911-14	TW-04_20220308	Total/NA	Water	8082A	832651
MB 460-832651/1-A	Method Blank	Total/NA	Water	8082A	832651
LCS 460-832651/2-A	Lab Control Sample	Total/NA	Water	8082A	832651
LCSD 460-832651/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	832651

Metals

Analysis Batch: 832515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-11	TW-05_20220307	Dissolved	Water	6020B	832601
460-253843-12	TW-06_20220307	Dissolved	Water	6020B	832601
MB 460-832601/10-A	Method Blank	Total/NA	Water	6020B	832601
LCS 460-832601/11-A	Lab Control Sample	Total/NA	Water	6020B	832601
460-253843-11 MS	TW-05_20220307	Dissolved	Water	6020B	832601
460-253843-11 DU	TW-05_20220307	Dissolved	Water	6020B	832601

Prep Batch: 832601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-11	TW-05_20220307	Dissolved	Water	3010A	

Eurofins Edison

QC Association Summary

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Metals (Continued)

Prep Batch: 832601 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-12	TW-06_20220307	Dissolved	Water	3010A	
MB 460-832601/10-A	Method Blank	Total/NA	Water	3010A	
LCS 460-832601/11-A	Lab Control Sample	Total/NA	Water	3010A	
460-253843-11 MS	TW-05_20220307	Dissolved	Water	3010A	
460-253843-11 DU	TW-05_20220307	Dissolved	Water	3010A	

Prep Batch: 832616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-1	SB-04_1-3_20220307	Total/NA	Solid	7471B	
460-253843-2	SB-04_12-14_20220307	Total/NA	Solid	7471B	
MB 460-832616/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-832616/11-A ^	Lab Control Sample	Total/NA	Solid	7471B	
460-253971-D-4-C MS	Matrix Spike	Total/NA	Solid	7471B	
460-253971-D-4-B DU	Duplicate	Total/NA	Solid	7471B	

Prep Batch: 832617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-3	SB-05_1-3_20220307	Total/NA	Solid	7471B	
460-253843-4	SB-05_12-14_20220307	Total/NA	Solid	7471B	
460-253843-5	SB-06_1-3_20220307	Total/NA	Solid	7471B	
460-253843-6	SB-06_12-14_20220307	Total/NA	Solid	7471B	
460-253843-7	SB-09_1-3_20220307	Total/NA	Solid	7471B	
460-253843-8	SB-09_12-14_20220307	Total/NA	Solid	7471B	
460-253843-9	SB-10_1-3_20220307	Total/NA	Solid	7471B	
460-253843-10	SB-10_12-14_20220307	Total/NA	Solid	7471B	
MB 460-832617/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-832617/2-A ^4	Lab Control Sample	Total/NA	Solid	7471B	
460-253843-7 MS	SB-09_1-3_20220307	Total/NA	Solid	7471B	
460-253843-7 DU	SB-09_1-3_20220307	Total/NA	Solid	7471B	

Analysis Batch: 832698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-1	SB-04_1-3_20220307	Total/NA	Solid	7471B	832616
460-253843-2	SB-04_12-14_20220307	Total/NA	Solid	7471B	832616
460-253843-3	SB-05_1-3_20220307	Total/NA	Solid	7471B	832617
460-253843-4	SB-05_12-14_20220307	Total/NA	Solid	7471B	832617
460-253843-5	SB-06_1-3_20220307	Total/NA	Solid	7471B	832617
460-253843-6	SB-06_12-14_20220307	Total/NA	Solid	7471B	832617
460-253843-7	SB-09_1-3_20220307	Total/NA	Solid	7471B	832617
460-253843-8	SB-09_12-14_20220307	Total/NA	Solid	7471B	832617
460-253843-9	SB-10_1-3_20220307	Total/NA	Solid	7471B	832617
460-253843-10	SB-10_12-14_20220307	Total/NA	Solid	7471B	832617
MB 460-832616/10-A	Method Blank	Total/NA	Solid	7471B	832616
MB 460-832617/1-A	Method Blank	Total/NA	Solid	7471B	832617
LCSSRM 460-832616/11-A ^	Lab Control Sample	Total/NA	Solid	7471B	832616
LCSSRM 460-832617/2-A ^4	Lab Control Sample	Total/NA	Solid	7471B	832617
460-253843-7 MS	SB-09_1-3_20220307	Total/NA	Solid	7471B	832617
460-253971-D-4-C MS	Matrix Spike	Total/NA	Solid	7471B	832616
460-253843-7 DU	SB-09_1-3_20220307	Total/NA	Solid	7471B	832617
460-253971-D-4-B DU	Duplicate	Total/NA	Solid	7471B	832616

Eurofins Edison

QC Association Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Metals

Prep Batch: 832711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-11	TW-05_20220307	Total/NA	Water	7470A	
460-253843-12	TW-06_20220307	Total/NA	Water	7470A	
MB 460-832711/1-A	Method Blank	Total/NA	Water	7470A	
LCS 460-832711/2-A	Lab Control Sample	Total/NA	Water	7470A	
460-253503-G-1-B MS	Matrix Spike	Total/NA	Water	7470A	
460-253503-A-1-A DU	Duplicate	Total/NA	Water	7470A	

Prep Batch: 832742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-11	TW-05_20220307	Dissolved	Water	7470A	
460-253843-12	TW-06_20220307	Dissolved	Water	7470A	
MB 460-832742/1-A	Method Blank	Total/NA	Water	7470A	
LCS 460-832742/3-A	Lab Control Sample	Total/NA	Water	7470A	
460-253843-11 MS	TW-05_20220307	Dissolved	Water	7470A	
460-253843-11 DU	TW-05_20220307	Dissolved	Water	7470A	

Analysis Batch: 832746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-12	TW-02_20220308	Dissolved	Water	6020B	832810
460-253911-13	TW-03_20220308	Dissolved	Water	6020B	832810
460-253911-14	TW-04_20220308	Dissolved	Water	6020B	832810

Analysis Batch: 832774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-11	TW-05_20220307	Dissolved	Water	7470A	832742
460-253843-11	TW-05_20220307	Total/NA	Water	7470A	832711
460-253843-12	TW-06_20220307	Dissolved	Water	7470A	832742
460-253843-12	TW-06_20220307	Total/NA	Water	7470A	832711
MB 460-832711/1-A	Method Blank	Total/NA	Water	7470A	832711
MB 460-832742/1-A	Method Blank	Total/NA	Water	7470A	832742
LCS 460-832711/2-A	Lab Control Sample	Total/NA	Water	7470A	832711
LCS 460-832742/3-A	Lab Control Sample	Total/NA	Water	7470A	832742
460-253503-G-1-B MS	Matrix Spike	Total/NA	Water	7470A	832711
460-253843-11 MS	TW-05_20220307	Dissolved	Water	7470A	832742
460-253503-A-1-A DU	Duplicate	Total/NA	Water	7470A	832711
460-253843-11 DU	TW-05_20220307	Dissolved	Water	7470A	832742

Filtration Batch: 832809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-832809/1-B	Method Blank	Dissolved	Water	FILTRATION	

Prep Batch: 832810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-11	TW-01_20220308	Dissolved	Water	3010A	
460-253911-12	TW-02_20220308	Dissolved	Water	3010A	
460-253911-13	TW-03_20220308	Dissolved	Water	3010A	
460-253911-14	TW-04_20220308	Dissolved	Water	3010A	
MB 460-832809/1-B	Method Blank	Dissolved	Water	3010A	832809
LCS 460-832810/6-A	Lab Control Sample	Total/NA	Water	3010A	
460-253911-11 MS	TW-01_20220308	Dissolved	Water	3010A	
460-253911-11 DU	TW-01_20220308	Dissolved	Water	3010A	

Eurofins Edison

QC Association Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Metals

Prep Batch: 832839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-1	SB-01_1-3_20220308	Total/NA	Solid	7471B	
460-253911-2	SB-01_12-14_20220308	Total/NA	Solid	7471B	
460-253911-3	SB-02_1-3_20220308	Total/NA	Solid	7471B	
460-253911-4	SB-02_12-14_20220308	Total/NA	Solid	7471B	
460-253911-5	SB-03_1-3_20220308	Total/NA	Solid	7471B	
460-253911-6	SB-03_12-14_20220308	Total/NA	Solid	7471B	
MB 460-832839/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-832839/2-A ^4	Lab Control Sample	Total/NA	Solid	7471B	
460-253904-F-7-A MS	Matrix Spike	Total/NA	Solid	7471B	
460-253904-A-7-D DU	Duplicate	Total/NA	Solid	7471B	

Prep Batch: 832840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-7	SB-07_1-3_20220308	Total/NA	Solid	7471B	
460-253911-8	SB-07_12-14_20220308	Total/NA	Solid	7471B	
460-253911-9	SB-08_1-3_20220308	Total/NA	Solid	7471B	
460-253911-10	SB-08_12-14_20220308	Total/NA	Solid	7471B	
MB 460-832840/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-832840/2-A ^4	Lab Control Sample	Total/NA	Solid	7471B	
460-253966-D-1-B MS	Matrix Spike	Total/NA	Solid	7471B	
460-253966-A-1-D DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 832924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-11	TW-01_20220308	Dissolved	Water	6020B	832810
460-253911-11	TW-01_20220308	Dissolved	Water	6020B	832810
460-253911-12	TW-02_20220308	Dissolved	Water	6020B	832810
MB 460-832809/1-B	Method Blank	Dissolved	Water	6020B	832810
LCS 460-832810/6-A	Lab Control Sample	Total/NA	Water	6020B	832810
460-253911-11 MS	TW-01_20220308	Dissolved	Water	6020B	832810
460-253911-11 MS	TW-01_20220308	Dissolved	Water	6020B	832810
460-253911-11 DU	TW-01_20220308	Dissolved	Water	6020B	832810
460-253911-11 DU	TW-01_20220308	Dissolved	Water	6020B	832810

Analysis Batch: 832925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-1	SB-01_1-3_20220308	Total/NA	Solid	7471B	832839
460-253911-2	SB-01_12-14_20220308	Total/NA	Solid	7471B	832839
460-253911-3	SB-02_1-3_20220308	Total/NA	Solid	7471B	832839
460-253911-4	SB-02_12-14_20220308	Total/NA	Solid	7471B	832839
460-253911-5	SB-03_1-3_20220308	Total/NA	Solid	7471B	832839
460-253911-6	SB-03_12-14_20220308	Total/NA	Solid	7471B	832839
460-253911-7	SB-07_1-3_20220308	Total/NA	Solid	7471B	832840
460-253911-8	SB-07_12-14_20220308	Total/NA	Solid	7471B	832840
460-253911-9	SB-08_1-3_20220308	Total/NA	Solid	7471B	832840
460-253911-10	SB-08_12-14_20220308	Total/NA	Solid	7471B	832840
MB 460-832839/1-A	Method Blank	Total/NA	Solid	7471B	832839
MB 460-832840/1-A	Method Blank	Total/NA	Solid	7471B	832840
LCSSRM 460-832839/2-A ^4	Lab Control Sample	Total/NA	Solid	7471B	832839
LCSSRM 460-832840/2-A ^4	Lab Control Sample	Total/NA	Solid	7471B	832840
460-253904-F-7-A MS	Matrix Spike	Total/NA	Solid	7471B	832839

Eurofins Edison

QC Association Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Metals (Continued)

Analysis Batch: 832925 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253966-D-1-B MS	Matrix Spike	Total/NA	Solid	7471B	832840
460-253904-A-7-D DU	Duplicate	Total/NA	Solid	7471B	832839
460-253966-A-1-D DU	Duplicate	Total/NA	Solid	7471B	832840

Prep Batch: 832930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-11	TW-01_20220308	Total/NA	Water	7470A	
460-253911-12	TW-02_20220308	Total/NA	Water	7470A	
460-253911-13	TW-03_20220308	Total/NA	Water	7470A	
460-253911-14	TW-04_20220308	Total/NA	Water	7470A	
MB 460-832930/1-A	Method Blank	Total/NA	Water	7470A	
LCS 460-832930/2-A	Lab Control Sample	Total/NA	Water	7470A	
460-253911-11 MS	TW-01_20220308	Total/NA	Water	7470A	
460-253911-11 DU	TW-01_20220308	Total/NA	Water	7470A	

Analysis Batch: 832993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-11	TW-01_20220308	Total/NA	Water	7470A	832930
460-253911-12	TW-02_20220308	Total/NA	Water	7470A	832930
460-253911-13	TW-03_20220308	Total/NA	Water	7470A	832930
460-253911-14	TW-04_20220308	Total/NA	Water	7470A	832930
MB 460-832930/1-A	Method Blank	Total/NA	Water	7470A	832930
LCS 460-832930/2-A	Lab Control Sample	Total/NA	Water	7470A	832930
460-253911-11 MS	TW-01_20220308	Total/NA	Water	7470A	832930
460-253911-11 DU	TW-01_20220308	Total/NA	Water	7470A	832930

Prep Batch: 833007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-11	TW-05_20220307	Total/NA	Water	3010A	
460-253843-12	TW-06_20220307	Total/NA	Water	3010A	
MB 460-833007/1-A	Method Blank	Total/NA	Water	3010A	
LCS 460-833007/2-A	Lab Control Sample	Total/NA	Water	3010A	
460-253503-G-1-D MS	Matrix Spike	Total/NA	Water	3010A	
460-253503-A-1-B DU	Duplicate	Total/NA	Water	3010A	

Prep Batch: 833008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-11	TW-01_20220308	Total/NA	Water	3010A	
460-253911-12	TW-02_20220308	Total/NA	Water	3010A	
460-253911-13	TW-03_20220308	Total/NA	Water	3010A	
460-253911-14	TW-04_20220308	Total/NA	Water	3010A	
MB 460-833008/1-A	Method Blank	Total/NA	Water	3010A	
LCS 460-833008/2-A	Lab Control Sample	Total/NA	Water	3010A	
460-253589-H-4-C MS	Matrix Spike	Total/NA	Water	3010A	
460-253589-H-4-B DU	Duplicate	Total/NA	Water	3010A	

Prep Batch: 833024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-1	SB-04_1-3_20220307	Total/NA	Solid	3050B	
460-253843-2	SB-04_12-14_20220307	Total/NA	Solid	3050B	
460-253843-3	SB-05_1-3_20220307	Total/NA	Solid	3050B	

Eurofins Edison

QC Association Summary

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Metals (Continued)

Prep Batch: 833024 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-4	SB-05_12-14_20220307	Total/NA	Solid	3050B	
460-253843-5	SB-06_1-3_20220307	Total/NA	Solid	3050B	
460-253843-6	SB-06_12-14_20220307	Total/NA	Solid	3050B	
460-253843-7	SB-09_1-3_20220307	Total/NA	Solid	3050B	
460-253843-8	SB-09_12-14_20220307	Total/NA	Solid	3050B	
460-253843-9	SB-10_1-3_20220307	Total/NA	Solid	3050B	
MB 460-833024/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-833024/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
460-253840-C-1-D MS	Matrix Spike	Total/NA	Solid	3050B	
460-253840-C-1-D MS ^5	Matrix Spike	Total/NA	Solid	3050B	
460-253840-C-1-C DU	Duplicate	Total/NA	Solid	3050B	
460-253840-C-1-C DU ^5	Duplicate	Total/NA	Solid	3050B	

Prep Batch: 833025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-10	SB-10_12-14_20220307	Total/NA	Solid	3050B	
MB 460-833025/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-833025/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
460-253938-A-1-C MS	Matrix Spike	Total/NA	Solid	3050B	
460-253938-A-1-B DU	Duplicate	Total/NA	Solid	3050B	

Prep Batch: 833131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-1	SB-01_1-3_20220308	Total/NA	Solid	3050B	
460-253911-2	SB-01_12-14_20220308	Total/NA	Solid	3050B	
460-253911-3	SB-02_1-3_20220308	Total/NA	Solid	3050B	
460-253911-4	SB-02_12-14_20220308	Total/NA	Solid	3050B	
460-253911-5	SB-03_1-3_20220308	Total/NA	Solid	3050B	
460-253911-6	SB-03_12-14_20220308	Total/NA	Solid	3050B	
460-253911-7	SB-07_1-3_20220308	Total/NA	Solid	3050B	
460-253911-8	SB-07_12-14_20220308	Total/NA	Solid	3050B	
460-253911-9	SB-08_1-3_20220308	Total/NA	Solid	3050B	
460-253911-10	SB-08_12-14_20220308	Total/NA	Solid	3050B	
MB 460-833131/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-833131/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
460-253658-E-1-E MS	Matrix Spike	Total/NA	Solid	3050B	
460-253658-E-1-D DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 833159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-1	SB-04_1-3_20220307	Total/NA	Solid	6020B	833024
460-253843-1	SB-04_1-3_20220307	Total/NA	Solid	6020B	833024
460-253843-2	SB-04_12-14_20220307	Total/NA	Solid	6020B	833024
460-253843-3	SB-05_1-3_20220307	Total/NA	Solid	6020B	833024
460-253843-3	SB-05_1-3_20220307	Total/NA	Solid	6020B	833024
460-253843-4	SB-05_12-14_20220307	Total/NA	Solid	6020B	833024
460-253843-5	SB-06_1-3_20220307	Total/NA	Solid	6020B	833024
460-253843-6	SB-06_12-14_20220307	Total/NA	Solid	6020B	833024
460-253843-7	SB-09_1-3_20220307	Total/NA	Solid	6020B	833024
460-253843-8	SB-09_12-14_20220307	Total/NA	Solid	6020B	833024
460-253843-9	SB-10_1-3_20220307	Total/NA	Solid	6020B	833024

Eurofins Edison

QC Association Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Metals (Continued)

Analysis Batch: 833159 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-11	TW-05_20220307	Total/NA	Water	6020B	833007
460-253843-12	TW-06_20220307	Total/NA	Water	6020B	833007
460-253911-11	TW-01_20220308	Total/NA	Water	6020B	833008
460-253911-11	TW-01_20220308	Total/NA	Water	6020B	833008
460-253911-12	TW-02_20220308	Total/NA	Water	6020B	833008
460-253911-13	TW-03_20220308	Total/NA	Water	6020B	833008
460-253911-14	TW-04_20220308	Total/NA	Water	6020B	833008
MB 460-833007/1-A	Method Blank	Total/NA	Water	6020B	833007
MB 460-833008/1-A	Method Blank	Total/NA	Water	6020B	833008
MB 460-833024/1-A	Method Blank	Total/NA	Solid	6020B	833024
LCS 460-833007/2-A	Lab Control Sample	Total/NA	Water	6020B	833007
LCS 460-833008/2-A	Lab Control Sample	Total/NA	Water	6020B	833008
LCSSRM 460-833024/2-A ^5	Lab Control Sample	Total/NA	Solid	6020B	833024
460-253503-G-1-D MS	Matrix Spike	Total/NA	Water	6020B	833007
460-253589-H-4-C MS	Matrix Spike	Total/NA	Water	6020B	833008
460-253840-C-1-D MS	Matrix Spike	Total/NA	Solid	6020B	833024
460-253840-C-1-D MS ^5	Matrix Spike	Total/NA	Solid	6020B	833024
460-253503-A-1-B DU	Duplicate	Total/NA	Water	6020B	833007
460-253589-H-4-B DU	Duplicate	Total/NA	Water	6020B	833008
460-253840-C-1-C DU	Duplicate	Total/NA	Solid	6020B	833024
460-253840-C-1-C DU ^5	Duplicate	Total/NA	Solid	6020B	833024

Analysis Batch: 833204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-10	SB-10_12-14_20220307	Total/NA	Solid	6020B	833025
MB 460-833025/1-A	Method Blank	Total/NA	Solid	6020B	833025
LCSSRM 460-833025/2-A ^5	Lab Control Sample	Total/NA	Solid	6020B	833025
460-253938-A-1-C MS	Matrix Spike	Total/NA	Solid	6020B	833025
460-253938-A-1-B DU	Duplicate	Total/NA	Solid	6020B	833025

Analysis Batch: 833332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-1	SB-01_1-3_20220308	Total/NA	Solid	6020B	833131
460-253911-2	SB-01_12-14_20220308	Total/NA	Solid	6020B	833131
460-253911-4	SB-02_12-14_20220308	Total/NA	Solid	6020B	833131
460-253911-5	SB-03_1-3_20220308	Total/NA	Solid	6020B	833131
460-253911-6	SB-03_12-14_20220308	Total/NA	Solid	6020B	833131
460-253911-7	SB-07_1-3_20220308	Total/NA	Solid	6020B	833131
460-253911-8	SB-07_12-14_20220308	Total/NA	Solid	6020B	833131
460-253911-9	SB-08_1-3_20220308	Total/NA	Solid	6020B	833131
460-253911-10	SB-08_12-14_20220308	Total/NA	Solid	6020B	833131
MB 460-833131/1-A	Method Blank	Total/NA	Solid	6020B	833131
LCSSRM 460-833131/2-A ^5	Lab Control Sample	Total/NA	Solid	6020B	833131
460-253658-E-1-E MS	Matrix Spike	Total/NA	Solid	6020B	833131
460-253658-E-1-D DU	Duplicate	Total/NA	Solid	6020B	833131

Prep Batch: 833344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-11	TW-01_20220308	Dissolved	Water	7470A	
460-253911-12	TW-02_20220308	Dissolved	Water	7470A	
460-253911-13	TW-03_20220308	Dissolved	Water	7470A	

Eurofins Edison

QC Association Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Metals (Continued)

Prep Batch: 833344 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-14	TW-04_20220308	Dissolved	Water	7470A	
MB 460-833344/1-A	Method Blank	Total/NA	Water	7470A	
LCS 460-833344/3-A	Lab Control Sample	Total/NA	Water	7470A	
460-253911-13 MS	TW-03_20220308	Dissolved	Water	7470A	
460-253911-13 DU	TW-03_20220308	Dissolved	Water	7470A	

Analysis Batch: 833379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-11	TW-01_20220308	Dissolved	Water	7470A	833344
460-253911-12	TW-02_20220308	Dissolved	Water	7470A	833344
460-253911-13	TW-03_20220308	Dissolved	Water	7470A	833344
460-253911-14	TW-04_20220308	Dissolved	Water	7470A	833344
MB 460-833344/1-A	Method Blank	Total/NA	Water	7470A	833344
LCS 460-833344/3-A	Lab Control Sample	Total/NA	Water	7470A	833344
460-253911-13 MS	TW-03_20220308	Dissolved	Water	7470A	833344
460-253911-13 DU	TW-03_20220308	Dissolved	Water	7470A	833344

Analysis Batch: 833459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-10	SB-10_12-14_20220307	Total/NA	Solid	6020B	833025

Analysis Batch: 833501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-3	SB-02_1-3_20220308	Total/NA	Solid	6020B	833131
460-253911-3	SB-02_1-3_20220308	Total/NA	Solid	6020B	833131
LCSSRM 460-833025/2-A ^5	Lab Control Sample	Total/NA	Solid	6020B	833025

General Chemistry

Analysis Batch: 832824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253843-1	SB-04_1-3_20220307	Total/NA	Solid	Moisture	
460-253843-2	SB-04_12-14_20220307	Total/NA	Solid	Moisture	
460-253843-3	SB-05_1-3_20220307	Total/NA	Solid	Moisture	
460-253843-4	SB-05_12-14_20220307	Total/NA	Solid	Moisture	
460-253843-5	SB-06_1-3_20220307	Total/NA	Solid	Moisture	
460-253843-6	SB-06_12-14_20220307	Total/NA	Solid	Moisture	
460-253843-7	SB-09_1-3_20220307	Total/NA	Solid	Moisture	
460-253843-8	SB-09_12-14_20220307	Total/NA	Solid	Moisture	
460-253843-9	SB-10_1-3_20220307	Total/NA	Solid	Moisture	
460-253843-10	SB-10_12-14_20220307	Total/NA	Solid	Moisture	
460-253938-A-1 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-253846-E-6 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 833016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-1	SB-01_1-3_20220308	Total/NA	Solid	Moisture	
460-253911-2	SB-01_12-14_20220308	Total/NA	Solid	Moisture	
460-253911-3	SB-02_1-3_20220308	Total/NA	Solid	Moisture	
460-253911-4	SB-02_12-14_20220308	Total/NA	Solid	Moisture	
460-253911-5	SB-03_1-3_20220308	Total/NA	Solid	Moisture	

Eurofins Edison

QC Association Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

General Chemistry (Continued)

Analysis Batch: 833016 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-253911-6	SB-03_12-14_20220308	Total/NA	Solid	Moisture	
460-253911-7	SB-07_1-3_20220308	Total/NA	Solid	Moisture	
460-253911-8	SB-07_12-14_20220308	Total/NA	Solid	Moisture	
460-253911-9	SB-08_1-3_20220308	Total/NA	Solid	Moisture	
460-253911-10	SB-08_12-14_20220308	Total/NA	Solid	Moisture	
460-253960-A-1 DU	Duplicate	Total/NA	Solid	Moisture	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Lab Chronicle

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-04_1-3_20220307
Date Collected: 03/07/22 11:50
Date Received: 03/07/22 19:00

Lab Sample ID: 460-253843-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	832824	03/11/22 02:40	MIE	TAL EDI

Client Sample ID: SB-04_1-3_20220307
Date Collected: 03/07/22 11:50
Date Received: 03/07/22 19:00

Lab Sample ID: 460-253843-1
Matrix: Solid
Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			832359	03/08/22 22:32	JJC	TAL EDI
Total/NA	Analysis	8260D		1	832417	03/09/22 14:34	EMM	TAL EDI
Total/NA	Prep	3546			832595	03/10/22 00:59	GXY	TAL EDI
Total/NA	Analysis	8270E		1	832658	03/10/22 18:34	DAN	TAL EDI
Total/NA	Prep	3546			832550	03/09/22 17:19	ARA	TAL EDI
Total/NA	Analysis	8081B		1	832613	03/10/22 06:40	FAM	TAL EDI
Total/NA	Prep	3546			832547	03/09/22 17:12	ARA	TAL EDI
Total/NA	Analysis	8082A		1	832626	03/10/22 13:02	CDC	TAL EDI
Total/NA	Prep	3050B			833024	03/11/22 22:15	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833159	03/13/22 16:31	MDC	TAL EDI
Total/NA	Prep	3050B			833024	03/11/22 22:15	GAE	TAL EDI
Total/NA	Analysis	6020B		5	833159	03/13/22 16:50	MDC	TAL EDI
Total/NA	Prep	7471B			832616	03/10/22 03:12	TJS	TAL EDI
Total/NA	Analysis	7471B		1	832698	03/10/22 07:24	TJS	TAL EDI

Client Sample ID: SB-04_12-14_20220307
Date Collected: 03/07/22 11:55
Date Received: 03/07/22 19:00

Lab Sample ID: 460-253843-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	832824	03/11/22 02:40	MIE	TAL EDI

Client Sample ID: SB-04_12-14_20220307
Date Collected: 03/07/22 11:55
Date Received: 03/07/22 19:00

Lab Sample ID: 460-253843-2
Matrix: Solid
Percent Solids: 97.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			832359	03/08/22 22:33	JJC	TAL EDI
Total/NA	Analysis	8260D		1	832417	03/09/22 14:56	EMM	TAL EDI
Total/NA	Prep	3546			832595	03/10/22 00:59	GXY	TAL EDI
Total/NA	Analysis	8270E		1	832658	03/10/22 11:08	DAN	TAL EDI
Total/NA	Prep	3546			832550	03/09/22 17:19	ARA	TAL EDI
Total/NA	Analysis	8081B		1	832613	03/10/22 06:55	FAM	TAL EDI
Total/NA	Prep	3546			832547	03/09/22 17:12	ARA	TAL EDI
Total/NA	Analysis	8082A		1	832626	03/10/22 13:19	CDC	TAL EDI
Total/NA	Prep	3050B			833024	03/11/22 22:15	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833159	03/13/22 16:33	MDC	TAL EDI

Lab Chronicle

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-04_12-14_20220307

Lab Sample ID: 460-253843-2

Date Collected: 03/07/22 11:55

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 97.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			832616	03/10/22 03:12	TJS	TAL EDI
Total/NA	Analysis	7471B		1	832698	03/10/22 07:26	TJS	TAL EDI

Client Sample ID: SB-05_1-3_20220307

Lab Sample ID: 460-253843-3

Date Collected: 03/07/22 15:00

Matrix: Solid

Date Received: 03/07/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	832824	03/11/22 02:40	MIE	TAL EDI

Client Sample ID: SB-05_1-3_20220307

Lab Sample ID: 460-253843-3

Date Collected: 03/07/22 15:00

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			832359	03/08/22 22:35	JJC	TAL EDI
Total/NA	Analysis	8260D		1	832417	03/09/22 15:19	EMM	TAL EDI
Total/NA	Prep	3546			832595	03/10/22 00:59	GXY	TAL EDI
Total/NA	Analysis	8270E		1	832658	03/10/22 17:25	DAN	TAL EDI
Total/NA	Prep	3546			832550	03/09/22 17:19	ARA	TAL EDI
Total/NA	Analysis	8081B		1	832613	03/10/22 07:09	FAM	TAL EDI
Total/NA	Prep	3546			832547	03/09/22 17:12	ARA	TAL EDI
Total/NA	Analysis	8082A		1	832626	03/10/22 13:36	CDC	TAL EDI
Total/NA	Prep	3050B			833024	03/11/22 22:15	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833159	03/13/22 16:36	MDC	TAL EDI
Total/NA	Prep	3050B			833024	03/11/22 22:15	GAE	TAL EDI
Total/NA	Analysis	6020B		5	833159	03/13/22 16:52	MDC	TAL EDI
Total/NA	Prep	7471B			832617	03/10/22 03:43	TJS	TAL EDI
Total/NA	Analysis	7471B		1	832698	03/10/22 07:42	TJS	TAL EDI

Client Sample ID: SB-05_12-14_20220307

Lab Sample ID: 460-253843-4

Date Collected: 03/07/22 15:05

Matrix: Solid

Date Received: 03/07/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	832824	03/11/22 02:40	MIE	TAL EDI

Client Sample ID: SB-05_12-14_20220307

Lab Sample ID: 460-253843-4

Date Collected: 03/07/22 15:05

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 97.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			832359	03/08/22 22:36	JJC	TAL EDI
Total/NA	Analysis	8260D		1	832417	03/09/22 15:41	EMM	TAL EDI
Total/NA	Prep	3546			832595	03/10/22 00:59	GXY	TAL EDI
Total/NA	Analysis	8270E		1	832658	03/10/22 11:32	DAN	TAL EDI

Eurofins Edison

Lab Chronicle

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-05_12-14_20220307

Lab Sample ID: 460-253843-4

Date Collected: 03/07/22 15:05

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 97.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			832550	03/09/22 17:19	ARA	TAL EDI
Total/NA	Analysis	8081B		1	832613	03/10/22 07:24	FAM	TAL EDI
Total/NA	Prep	3546			832547	03/09/22 17:12	ARA	TAL EDI
Total/NA	Analysis	8082A		1	832626	03/10/22 13:52	CDC	TAL EDI
Total/NA	Prep	3050B			833024	03/11/22 22:15	GAE	TAL EDI
Total/NA	Analysis	6020B		3	833159	03/13/22 16:41	MDC	TAL EDI
Total/NA	Prep	7471B			832617	03/10/22 03:43	TJS	TAL EDI
Total/NA	Analysis	7471B		1	832698	03/10/22 07:44	TJS	TAL EDI

Client Sample ID: SB-06_1-3_20220307

Lab Sample ID: 460-253843-5

Date Collected: 03/07/22 13:45

Matrix: Solid

Date Received: 03/07/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	832824	03/11/22 02:40	MIE	TAL EDI

Client Sample ID: SB-06_1-3_20220307

Lab Sample ID: 460-253843-5

Date Collected: 03/07/22 13:45

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			832359	03/08/22 22:38	JJC	TAL EDI
Total/NA	Analysis	8260D		1	832417	03/09/22 16:03	EMM	TAL EDI
Total/NA	Prep	3546			832595	03/10/22 00:59	GXY	TAL EDI
Total/NA	Analysis	8270E		1	832658	03/10/22 17:48	DAN	TAL EDI
Total/NA	Prep	3546			832550	03/09/22 17:19	ARA	TAL EDI
Total/NA	Analysis	8081B		1	832613	03/10/22 07:39	FAM	TAL EDI
Total/NA	Prep	3546			832547	03/09/22 17:12	ARA	TAL EDI
Total/NA	Analysis	8082A		1	832626	03/10/22 14:09	CDC	TAL EDI
Total/NA	Prep	3050B			833024	03/11/22 22:15	GAE	TAL EDI
Total/NA	Analysis	6020B		3	833159	03/13/22 16:43	MDC	TAL EDI
Total/NA	Prep	7471B			832617	03/10/22 03:43	TJS	TAL EDI
Total/NA	Analysis	7471B		1	832698	03/10/22 07:46	TJS	TAL EDI

Client Sample ID: SB-06_12-14_20220307

Lab Sample ID: 460-253843-6

Date Collected: 03/07/22 13:50

Matrix: Solid

Date Received: 03/07/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	832824	03/11/22 02:40	MIE	TAL EDI

Lab Chronicle

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-06_12-14_20220307

Lab Sample ID: 460-253843-6

Date Collected: 03/07/22 13:50

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 97.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			832359	03/08/22 22:39	JJC	TAL EDI
Total/NA	Analysis	8260D		1	832417	03/09/22 16:25	EMM	TAL EDI
Total/NA	Prep	3546			832595	03/10/22 00:59	GXY	TAL EDI
Total/NA	Analysis	8270E		1	832658	03/10/22 11:55	DAN	TAL EDI
Total/NA	Prep	3546			832550	03/09/22 17:19	ARA	TAL EDI
Total/NA	Analysis	8081B		1	832613	03/10/22 08:46	FAM	TAL EDI
Total/NA	Prep	3546			832547	03/09/22 17:12	ARA	TAL EDI
Total/NA	Analysis	8082A		1	832626	03/10/22 14:25	CDC	TAL EDI
Total/NA	Prep	3050B			833024	03/11/22 22:15	GAE	TAL EDI
Total/NA	Analysis	6020B		3	833159	03/13/22 16:45	MDC	TAL EDI
Total/NA	Prep	7471B			832617	03/10/22 03:43	TJS	TAL EDI
Total/NA	Analysis	7471B		1	832698	03/10/22 07:47	TJS	TAL EDI

Client Sample ID: SB-09_1-3_20220307

Lab Sample ID: 460-253843-7

Date Collected: 03/07/22 14:10

Matrix: Solid

Date Received: 03/07/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	832824	03/11/22 02:40	MIE	TAL EDI

Client Sample ID: SB-09_1-3_20220307

Lab Sample ID: 460-253843-7

Date Collected: 03/07/22 14:10

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			832359	03/08/22 22:41	JJC	TAL EDI
Total/NA	Analysis	8260D		1	832417	03/09/22 16:48	EMM	TAL EDI
Total/NA	Prep	3546			832596	03/10/22 01:03	GXY	TAL EDI
Total/NA	Analysis	8270E		1	832661	03/10/22 15:28	DAN	TAL EDI
Total/NA	Prep	3546			832550	03/09/22 17:19	ARA	TAL EDI
Total/NA	Analysis	8081B		1	832613	03/10/22 09:00	FAM	TAL EDI
Total/NA	Prep	3546			832547	03/09/22 17:12	ARA	TAL EDI
Total/NA	Analysis	8082A		1	832626	03/10/22 14:42	CDC	TAL EDI
Total/NA	Prep	3050B			833024	03/11/22 22:15	GAE	TAL EDI
Total/NA	Analysis	6020B		3	833159	03/13/22 16:47	MDC	TAL EDI
Total/NA	Prep	7471B			832617	03/10/22 03:43	TJS	TAL EDI
Total/NA	Analysis	7471B		1	832698	03/10/22 07:31	TJS	TAL EDI

Client Sample ID: SB-09_12-14_20220307

Lab Sample ID: 460-253843-8

Date Collected: 03/07/22 14:15

Matrix: Solid

Date Received: 03/07/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	832824	03/11/22 02:40	MIE	TAL EDI

Lab Chronicle

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-09_12-14_20220307

Lab Sample ID: 460-253843-8

Date Collected: 03/07/22 14:15

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 93.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			832359	03/08/22 22:42	JJC	TAL EDI
Total/NA	Analysis	8260D		1	832417	03/09/22 17:10	EMM	TAL EDI
Total/NA	Prep	3546			832596	03/10/22 01:03	GXY	TAL EDI
Total/NA	Analysis	8270E		1	832661	03/10/22 14:43	DAN	TAL EDI
Total/NA	Prep	3546			832550	03/09/22 17:19	ARA	TAL EDI
Total/NA	Analysis	8081B		1	832613	03/10/22 09:15	FAM	TAL EDI
Total/NA	Prep	3546			832547	03/09/22 17:12	ARA	TAL EDI
Total/NA	Analysis	8082A		1	832626	03/10/22 14:59	CDC	TAL EDI
Total/NA	Prep	3050B			833024	03/11/22 22:15	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833159	03/13/22 13:16	MDC	TAL EDI
Total/NA	Prep	7471B			832617	03/10/22 03:43	TJS	TAL EDI
Total/NA	Analysis	7471B		1	832698	03/10/22 07:49	TJS	TAL EDI

Client Sample ID: SB-10_1-3_20220307

Lab Sample ID: 460-253843-9

Date Collected: 03/07/22 12:45

Matrix: Solid

Date Received: 03/07/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	832824	03/11/22 02:40	MIE	TAL EDI

Client Sample ID: SB-10_1-3_20220307

Lab Sample ID: 460-253843-9

Date Collected: 03/07/22 12:45

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			832359	03/08/22 22:44	JJC	TAL EDI
Total/NA	Analysis	8260D		1	832417	03/09/22 17:32	EMM	TAL EDI
Total/NA	Prep	3546			832596	03/10/22 01:03	GXY	TAL EDI
Total/NA	Analysis	8270E		1	832661	03/10/22 15:51	DAN	TAL EDI
Total/NA	Prep	3546			832550	03/09/22 17:19	ARA	TAL EDI
Total/NA	Analysis	8081B		1	832613	03/10/22 09:29	FAM	TAL EDI
Total/NA	Prep	3546			832547	03/09/22 17:12	ARA	TAL EDI
Total/NA	Analysis	8082A		1	832626	03/10/22 15:15	CDC	TAL EDI
Total/NA	Prep	3050B			833024	03/11/22 22:15	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833159	03/13/22 13:18	MDC	TAL EDI
Total/NA	Prep	7471B			832617	03/10/22 03:43	TJS	TAL EDI
Total/NA	Analysis	7471B		1	832698	03/10/22 07:51	TJS	TAL EDI

Client Sample ID: SB-10_12-14_20220307

Lab Sample ID: 460-253843-10

Date Collected: 03/07/22 12:50

Matrix: Solid

Date Received: 03/07/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	832824	03/11/22 02:40	MIE	TAL EDI

Lab Chronicle

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-10_12-14_20220307

Lab Sample ID: 460-253843-10

Date Collected: 03/07/22 12:50

Matrix: Solid

Date Received: 03/07/22 19:00

Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			832359	03/08/22 22:45	JJC	TAL EDI
Total/NA	Analysis	8260D		1	832417	03/09/22 17:54	EMM	TAL EDI
Total/NA	Prep	3546			832596	03/10/22 01:03	GXY	TAL EDI
Total/NA	Analysis	8270E		1	832661	03/10/22 13:57	DAN	TAL EDI
Total/NA	Prep	3546			832550	03/09/22 17:19	ARA	TAL EDI
Total/NA	Analysis	8081B		1	832613	03/10/22 09:44	FAM	TAL EDI
Total/NA	Prep	3546			832547	03/09/22 17:12	ARA	TAL EDI
Total/NA	Analysis	8082A		1	832626	03/10/22 15:32	CDC	TAL EDI
Total/NA	Prep	3050B			833025	03/11/22 22:15	GAE	TAL EDI
Total/NA	Analysis	6020B		2	833459	03/14/22 21:07	VAD	TAL EDI
Total/NA	Prep	3050B			833025	03/11/22 22:15	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833204	03/13/22 20:37	CDC	TAL EDI
Total/NA	Prep	7471B			832617	03/10/22 03:43	TJS	TAL EDI
Total/NA	Analysis	7471B		1	832698	03/10/22 07:53	TJS	TAL EDI

Client Sample ID: TW-05_20220307

Lab Sample ID: 460-253843-11

Date Collected: 03/07/22 16:05

Matrix: Water

Date Received: 03/07/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	832767	03/11/22 03:28	KLB	TAL EDI
Total/NA	Prep	3510C			832410	03/09/22 07:36	DXD	TAL EDI
Total/NA	Analysis	8270E		1	832536	03/09/22 21:37	MME	TAL EDI
Total/NA	Prep	3510C			832367	03/09/22 09:09	JMS	TAL EDI
Total/NA	Analysis	8081B		1	832374	03/09/22 19:59	FAM	TAL EDI
Total/NA	Prep	3510C			832436	03/09/22 09:16	ZEH	TAL EDI
Total/NA	Analysis	8082A		1	832530	03/09/22 20:42	AAA	TAL EDI
Dissolved	Prep	3010A			832601	03/10/22 01:30	VAD	TAL EDI
Dissolved	Analysis	6020B		1	832515	03/10/22 03:32	YZH	TAL EDI
Total/NA	Prep	3010A			833007	03/11/22 19:40	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833159	03/13/22 14:51	MDC	TAL EDI
Dissolved	Prep	7470A			832742	03/10/22 14:22	RBS	TAL EDI
Dissolved	Analysis	7470A		1	832774	03/10/22 15:54	RBS	TAL EDI
Total/NA	Prep	7470A			832711	03/10/22 11:51	RBS	TAL EDI
Total/NA	Analysis	7470A		1	832774	03/10/22 15:08	RBS	TAL EDI

Client Sample ID: TW-06_20220307

Lab Sample ID: 460-253843-12

Date Collected: 03/07/22 15:10

Matrix: Water

Date Received: 03/07/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	832767	03/11/22 04:09	KLB	TAL EDI
Total/NA	Prep	3510C			832410	03/09/22 07:36	DXD	TAL EDI
Total/NA	Analysis	8270E		1	832536	03/09/22 21:58	MME	TAL EDI

Eurofins Edison

Lab Chronicle

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-06_20220307

Lab Sample ID: 460-253843-12

Date Collected: 03/07/22 15:10

Matrix: Water

Date Received: 03/07/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			832367	03/09/22 09:09	JMS	TAL EDI
Total/NA	Analysis	8081B		1	832374	03/09/22 20:14	FAM	TAL EDI
Total/NA	Prep	3510C			832436	03/09/22 09:16	ZEH	TAL EDI
Total/NA	Analysis	8082A		1	832530	03/09/22 20:59	AAA	TAL EDI
Dissolved	Prep	3010A			832601	03/10/22 01:30	VAD	TAL EDI
Dissolved	Analysis	6020B		1	832515	03/10/22 03:41	YZH	TAL EDI
Total/NA	Prep	3010A			833007	03/11/22 19:40	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833159	03/13/22 14:53	MDC	TAL EDI
Dissolved	Prep	7470A			832742	03/10/22 14:22	RBS	TAL EDI
Dissolved	Analysis	7470A		1	832774	03/10/22 16:18	RBS	TAL EDI
Total/NA	Prep	7470A			832711	03/10/22 11:51	RBS	TAL EDI
Total/NA	Analysis	7470A		1	832774	03/10/22 15:10	RBS	TAL EDI

Client Sample ID: TB_20220307

Lab Sample ID: 460-253843-13

Date Collected: 03/07/22 16:00

Matrix: Water

Date Received: 03/07/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	832767	03/10/22 19:51	KLB	TAL EDI

Client Sample ID: SB-01_1-3_20220308

Lab Sample ID: 460-253911-1

Date Collected: 03/08/22 08:00

Matrix: Solid

Date Received: 03/08/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	833016	03/12/22 01:36	MIE	TAL EDI

Client Sample ID: SB-01_1-3_20220308

Lab Sample ID: 460-253911-1

Date Collected: 03/08/22 08:00

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			832582	03/09/22 21:05	JJC	TAL EDI
Total/NA	Analysis	8260D		1	832843	03/11/22 15:08	AAT	TAL EDI
Total/NA	Prep	3546			832599	03/10/22 01:16	BJB	TAL EDI
Total/NA	Analysis	8270E		1	832765	03/11/22 04:49	MME	TAL EDI
Total/NA	Prep	3546			832551	03/09/22 17:20	ARA	TAL EDI
Total/NA	Analysis	8081B		1	832606	03/10/22 12:17	FAM	TAL EDI
Total/NA	Prep	3546			832548	03/09/22 17:15	ARA	TAL EDI
Total/NA	Analysis	8082A		1	832627	03/10/22 12:29	FAM	TAL EDI
Total/NA	Prep	3050B			833131	03/12/22 22:10	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833332	03/14/22 13:48	MDC	TAL EDI
Total/NA	Prep	7471B			832839	03/11/22 04:02	TJS	TAL EDI
Total/NA	Analysis	7471B		1	832925	03/11/22 08:16	TJS	TAL EDI

Lab Chronicle

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-01_12-14_20220308

Lab Sample ID: 460-253911-2

Date Collected: 03/08/22 08:05

Matrix: Solid

Date Received: 03/08/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	833016	03/12/22 01:36	MIE	TAL EDI

Client Sample ID: SB-01_12-14_20220308

Lab Sample ID: 460-253911-2

Date Collected: 03/08/22 08:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 95.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			832582	03/09/22 21:06	JJC	TAL EDI
Total/NA	Analysis	8260D		1	832843	03/11/22 15:30	AAT	TAL EDI
Total/NA	Prep	3546			832599	03/10/22 01:16	BJB	TAL EDI
Total/NA	Analysis	8270E		1	832664	03/10/22 17:09	DAN	TAL EDI
Total/NA	Prep	3546			832551	03/09/22 17:20	ARA	TAL EDI
Total/NA	Analysis	8081B		1	832606	03/10/22 12:29	FAM	TAL EDI
Total/NA	Prep	3546			832548	03/09/22 17:15	ARA	TAL EDI
Total/NA	Analysis	8082A		1	832627	03/10/22 12:51	FAM	TAL EDI
Total/NA	Prep	3050B			833131	03/12/22 22:10	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833332	03/14/22 13:51	MDC	TAL EDI
Total/NA	Prep	7471B			832839	03/11/22 04:02	TJS	TAL EDI
Total/NA	Analysis	7471B		1	832925	03/11/22 08:17	TJS	TAL EDI

Client Sample ID: SB-02_1-3_20220308

Lab Sample ID: 460-253911-3

Date Collected: 03/08/22 11:00

Matrix: Solid

Date Received: 03/08/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	833016	03/12/22 01:36	MIE	TAL EDI

Client Sample ID: SB-02_1-3_20220308

Lab Sample ID: 460-253911-3

Date Collected: 03/08/22 11:00

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			832582	03/09/22 21:08	JJC	TAL EDI
Total/NA	Analysis	8260D		1	832959	03/11/22 20:17	AAT	TAL EDI
Total/NA	Prep	3546			832599	03/10/22 01:16	BJB	TAL EDI
Total/NA	Analysis	8270E		1	832664	03/10/22 17:43	DAN	TAL EDI
Total/NA	Prep	3546			832551	03/09/22 17:20	ARA	TAL EDI
Total/NA	Analysis	8081B		1	832606	03/10/22 12:41	FAM	TAL EDI
Total/NA	Prep	3546			832548	03/09/22 17:15	ARA	TAL EDI
Total/NA	Analysis	8082A		1	832627	03/10/22 13:13	FAM	TAL EDI
Total/NA	Prep	3050B			833131	03/12/22 22:10	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833501	03/15/22 11:27	MDC	TAL EDI
Total/NA	Prep	3050B			833131	03/12/22 22:10	GAE	TAL EDI
Total/NA	Analysis	6020B		5	833501	03/15/22 11:36	MDC	TAL EDI

Lab Chronicle

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-02_1-3_20220308

Lab Sample ID: 460-253911-3

Date Collected: 03/08/22 11:00

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			832839	03/11/22 04:02	TJS	TAL EDI
Total/NA	Analysis	7471B		1	832925	03/11/22 08:19	TJS	TAL EDI

Client Sample ID: SB-02_12-14_20220308

Lab Sample ID: 460-253911-4

Date Collected: 03/08/22 11:05

Matrix: Solid

Date Received: 03/08/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	833016	03/12/22 01:36	MIE	TAL EDI

Client Sample ID: SB-02_12-14_20220308

Lab Sample ID: 460-253911-4

Date Collected: 03/08/22 11:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			832582	03/09/22 21:10	JJC	TAL EDI
Total/NA	Analysis	8260D		1	832959	03/11/22 20:40	AAT	TAL EDI
Total/NA	Prep	3546			832599	03/10/22 01:16	BJB	TAL EDI
Total/NA	Analysis	8270E		1	832664	03/10/22 16:00	DAN	TAL EDI
Total/NA	Prep	3546			832551	03/09/22 17:20	ARA	TAL EDI
Total/NA	Analysis	8081B		1	832606	03/10/22 12:54	FAM	TAL EDI
Total/NA	Prep	3546			832548	03/09/22 17:15	ARA	TAL EDI
Total/NA	Analysis	8082A		1	832627	03/10/22 13:35	FAM	TAL EDI
Total/NA	Prep	3050B			833131	03/12/22 22:10	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833332	03/14/22 12:18	MDC	TAL EDI
Total/NA	Prep	7471B			832839	03/11/22 04:02	TJS	TAL EDI
Total/NA	Analysis	7471B		1	832925	03/11/22 08:21	TJS	TAL EDI

Client Sample ID: SB-03_1-3_20220308

Lab Sample ID: 460-253911-5

Date Collected: 03/08/22 10:30

Matrix: Solid

Date Received: 03/08/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	833016	03/12/22 01:36	MIE	TAL EDI

Client Sample ID: SB-03_1-3_20220308

Lab Sample ID: 460-253911-5

Date Collected: 03/08/22 10:30

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			832582	03/09/22 21:11	JJC	TAL EDI
Total/NA	Analysis	8260D		1	832959	03/11/22 21:02	AAT	TAL EDI
Total/NA	Prep	3546			832599	03/10/22 01:16	BJB	TAL EDI
Total/NA	Analysis	8270E		1	832765	03/11/22 05:12	MME	TAL EDI
Total/NA	Prep	3546			832551	03/09/22 17:20	ARA	TAL EDI
Total/NA	Analysis	8081B		1	832606	03/10/22 13:06	FAM	TAL EDI

Eurofins Edison

Lab Chronicle

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-03_1-3_20220308

Lab Sample ID: 460-253911-5

Date Collected: 03/08/22 10:30

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			832548	03/09/22 17:15	ARA	TAL EDI
Total/NA	Analysis	8082A		1	832627	03/10/22 13:57	FAM	TAL EDI
Total/NA	Prep	3050B			833131	03/12/22 22:10	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833332	03/14/22 12:20	MDC	TAL EDI
Total/NA	Prep	7471B			832839	03/11/22 04:02	TJS	TAL EDI
Total/NA	Analysis	7471B		1	832925	03/11/22 08:23	TJS	TAL EDI

Client Sample ID: SB-03_12-14_20220308

Lab Sample ID: 460-253911-6

Date Collected: 03/08/22 10:35

Matrix: Solid

Date Received: 03/08/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	833016	03/12/22 01:36	MIE	TAL EDI

Client Sample ID: SB-03_12-14_20220308

Lab Sample ID: 460-253911-6

Date Collected: 03/08/22 10:35

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 79.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			832582	03/09/22 21:13	JJC	TAL EDI
Total/NA	Analysis	8260D		1	832959	03/11/22 21:24	AAT	TAL EDI
Total/NA	Prep	3546			832599	03/10/22 01:16	BJB	TAL EDI
Total/NA	Analysis	8270E		1	832664	03/10/22 16:51	DAN	TAL EDI
Total/NA	Prep	3546			832551	03/09/22 17:20	ARA	TAL EDI
Total/NA	Analysis	8081B		1	832606	03/10/22 13:18	FAM	TAL EDI
Total/NA	Prep	3546			832548	03/09/22 17:15	ARA	TAL EDI
Total/NA	Analysis	8082A		1	832627	03/10/22 14:19	FAM	TAL EDI
Total/NA	Prep	3050B			833131	03/12/22 22:10	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833332	03/14/22 12:23	MDC	TAL EDI
Total/NA	Prep	7471B			832839	03/11/22 04:02	TJS	TAL EDI
Total/NA	Analysis	7471B		1	832925	03/11/22 08:24	TJS	TAL EDI

Client Sample ID: SB-07_1-3_20220308

Lab Sample ID: 460-253911-7

Date Collected: 03/08/22 09:00

Matrix: Solid

Date Received: 03/08/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	833016	03/12/22 01:36	MIE	TAL EDI

Client Sample ID: SB-07_1-3_20220308

Lab Sample ID: 460-253911-7

Date Collected: 03/08/22 09:00

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			832582	03/09/22 21:14	JJC	TAL EDI
Total/NA	Analysis	8260D		1	832959	03/11/22 21:47	AAT	TAL EDI

Eurofins Edison

Lab Chronicle

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-07_1-3_20220308

Lab Sample ID: 460-253911-7

Date Collected: 03/08/22 09:00

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			832599	03/10/22 01:16	BJB	TAL EDI
Total/NA	Analysis	8270E		1	832664	03/10/22 17:26	DAN	TAL EDI
Total/NA	Prep	3546			832551	03/09/22 17:20	ARA	TAL EDI
Total/NA	Analysis	8081B		1	832606	03/10/22 13:31	FAM	TAL EDI
Total/NA	Prep	3546			832548	03/09/22 17:15	ARA	TAL EDI
Total/NA	Analysis	8082A		1	832627	03/10/22 14:41	FAM	TAL EDI
Total/NA	Prep	3050B			833131	03/12/22 22:10	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833332	03/14/22 12:53	MDC	TAL EDI
Total/NA	Prep	7471B			832840	03/11/22 04:19	TJS	TAL EDI
Total/NA	Analysis	7471B		1	832925	03/11/22 08:42	TJS	TAL EDI

Client Sample ID: SB-07_12-14_20220308

Lab Sample ID: 460-253911-8

Date Collected: 03/08/22 09:05

Matrix: Solid

Date Received: 03/08/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	833016	03/12/22 01:36	MIE	TAL EDI

Client Sample ID: SB-07_12-14_20220308

Lab Sample ID: 460-253911-8

Date Collected: 03/08/22 09:05

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			832582	03/09/22 21:16	JJC	TAL EDI
Total/NA	Analysis	8260D		1	832959	03/11/22 22:09	AAT	TAL EDI
Total/NA	Prep	3546			832599	03/10/22 01:16	BJB	TAL EDI
Total/NA	Analysis	8270E		1	832664	03/10/22 16:34	DAN	TAL EDI
Total/NA	Prep	3546			832551	03/09/22 17:20	ARA	TAL EDI
Total/NA	Analysis	8081B		1	832606	03/10/22 13:43	FAM	TAL EDI
Total/NA	Prep	3546			832548	03/09/22 17:15	ARA	TAL EDI
Total/NA	Analysis	8082A		1	832627	03/10/22 15:03	FAM	TAL EDI
Total/NA	Prep	3050B			833131	03/12/22 22:10	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833332	03/14/22 12:55	MDC	TAL EDI
Total/NA	Prep	7471B			832840	03/11/22 04:19	TJS	TAL EDI
Total/NA	Analysis	7471B		1	832925	03/11/22 08:44	TJS	TAL EDI

Client Sample ID: SB-08_1-3_20220308

Lab Sample ID: 460-253911-9

Date Collected: 03/08/22 09:30

Matrix: Solid

Date Received: 03/08/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	833016	03/12/22 01:36	MIE	TAL EDI

Lab Chronicle

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: SB-08_1-3_20220308

Lab Sample ID: 460-253911-9

Date Collected: 03/08/22 09:30

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			832582	03/09/22 21:18	JJC	TAL EDI
Total/NA	Analysis	8260D		1	832959	03/11/22 22:31	AAT	TAL EDI
Total/NA	Prep	3546			832599	03/10/22 01:16	BJB	TAL EDI
Total/NA	Analysis	8270E		1	832664	03/10/22 18:00	DAN	TAL EDI
Total/NA	Prep	3546			832551	03/09/22 17:20	ARA	TAL EDI
Total/NA	Analysis	8081B		1	832606	03/10/22 13:55	FAM	TAL EDI
Total/NA	Prep	3546			832548	03/09/22 17:15	ARA	TAL EDI
Total/NA	Analysis	8082A		1	832627	03/10/22 15:25	FAM	TAL EDI
Total/NA	Prep	3050B			833131	03/12/22 22:10	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833332	03/14/22 13:23	MDC	TAL EDI
Total/NA	Prep	7471B			832840	03/11/22 04:19	TJS	TAL EDI
Total/NA	Analysis	7471B		1	832925	03/11/22 08:46	TJS	TAL EDI

Client Sample ID: SB-08_12-14_20220308

Lab Sample ID: 460-253911-10

Date Collected: 03/08/22 09:35

Matrix: Solid

Date Received: 03/08/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	833016	03/12/22 01:36	MIE	TAL EDI

Client Sample ID: SB-08_12-14_20220308

Lab Sample ID: 460-253911-10

Date Collected: 03/08/22 09:35

Matrix: Solid

Date Received: 03/08/22 18:30

Percent Solids: 94.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			832582	03/09/22 21:19	JJC	TAL EDI
Total/NA	Analysis	8260D		1	832959	03/11/22 22:54	AAT	TAL EDI
Total/NA	Prep	3546			832599	03/10/22 01:16	BJB	TAL EDI
Total/NA	Analysis	8270E		1	832664	03/10/22 16:17	DAN	TAL EDI
Total/NA	Prep	3546			832551	03/09/22 17:20	ARA	TAL EDI
Total/NA	Analysis	8081B		1	832606	03/10/22 14:07	FAM	TAL EDI
Total/NA	Prep	3546			832548	03/09/22 17:15	ARA	TAL EDI
Total/NA	Analysis	8082A		1	832627	03/10/22 15:47	FAM	TAL EDI
Total/NA	Prep	3050B			833131	03/12/22 22:10	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833332	03/14/22 13:16	MDC	TAL EDI
Total/NA	Prep	7471B			832840	03/11/22 04:19	TJS	TAL EDI
Total/NA	Analysis	7471B		1	832925	03/11/22 08:51	TJS	TAL EDI

Client Sample ID: TW-01_20220308

Lab Sample ID: 460-253911-11

Date Collected: 03/08/22 12:00

Matrix: Water

Date Received: 03/08/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	832960	03/11/22 23:03	VBP	TAL EDI

Lab Chronicle

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-01_20220308

Lab Sample ID: 460-253911-11

Date Collected: 03/08/22 12:00

Matrix: Water

Date Received: 03/08/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			832639	03/10/22 07:49	DXD	TAL EDI
Total/NA	Analysis	8270E		1	832677	03/10/22 21:56	MDJ	TAL EDI
Total/NA	Prep	3510C			832650	03/10/22 08:07	DXD	TAL EDI
Total/NA	Analysis	8081B		1	832832	03/11/22 06:25	FAM	TAL EDI
Total/NA	Prep	3510C			832651	03/10/22 08:10	DXD	TAL EDI
Total/NA	Analysis	8082A		1	832850	03/11/22 07:45	JHP	TAL EDI
Dissolved	Prep	3010A			832810	03/10/22 23:47	VAD	TAL EDI
Dissolved	Analysis	6020B		1	832924	03/11/22 19:00	YZH	TAL EDI
Dissolved	Prep	3010A			832810	03/10/22 23:47	VAD	TAL EDI
Dissolved	Analysis	6020B		5	832924	03/11/22 19:08	YZH	TAL EDI
Total/NA	Prep	3010A			833008	03/11/22 20:05	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833159	03/13/22 10:27	MDC	TAL EDI
Total/NA	Prep	3010A			833008	03/11/22 20:05	GAE	TAL EDI
Total/NA	Analysis	6020B		3	833159	03/13/22 10:36	MDC	TAL EDI
Dissolved	Prep	7470A			833344	03/14/22 14:09	RBS	TAL EDI
Dissolved	Analysis	7470A		1	833379	03/14/22 16:00	RBS	TAL EDI
Total/NA	Prep	7470A			832930	03/11/22 11:19	RBS	TAL EDI
Total/NA	Analysis	7470A		1	832993	03/11/22 15:22	RBS	TAL EDI

Client Sample ID: TW-02_20220308

Lab Sample ID: 460-253911-12

Date Collected: 03/08/22 13:30

Matrix: Water

Date Received: 03/08/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	832851	03/11/22 15:25	SZD	TAL EDI
Total/NA	Prep	3510C			832639	03/10/22 07:49	DXD	TAL EDI
Total/NA	Analysis	8270E		1	832677	03/10/22 22:17	MDJ	TAL EDI
Total/NA	Prep	3510C			832650	03/10/22 08:07	DXD	TAL EDI
Total/NA	Analysis	8081B		1	832832	03/11/22 06:41	FAM	TAL EDI
Total/NA	Prep	3510C			832651	03/10/22 08:10	DXD	TAL EDI
Total/NA	Analysis	8082A		1	832850	03/11/22 08:02	JHP	TAL EDI
Dissolved	Prep	3010A			832810	03/10/22 23:47	VAD	TAL EDI
Dissolved	Analysis	6020B		1	832924	03/11/22 19:25	YZH	TAL EDI
Dissolved	Prep	3010A			832810	03/10/22 23:47	VAD	TAL EDI
Dissolved	Analysis	6020B		1	832746	03/11/22 01:34	CDC	TAL EDI
Total/NA	Prep	3010A			833008	03/11/22 20:05	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833159	03/13/22 10:30	MDC	TAL EDI
Dissolved	Prep	7470A			833344	03/14/22 14:09	RBS	TAL EDI
Dissolved	Analysis	7470A		1	833379	03/14/22 16:02	RBS	TAL EDI
Total/NA	Prep	7470A			832930	03/11/22 11:19	RBS	TAL EDI
Total/NA	Analysis	7470A		1	832993	03/11/22 15:41	RBS	TAL EDI

Lab Chronicle

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Client Sample ID: TW-03_20220308

Lab Sample ID: 460-253911-13

Date Collected: 03/08/22 14:00

Matrix: Water

Date Received: 03/08/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	832851	03/11/22 15:46	SZD	TAL EDI
Total/NA	Prep	3510C			832639	03/10/22 07:49	DXD	TAL EDI
Total/NA	Analysis	8270E		1	832677	03/10/22 22:38	MDJ	TAL EDI
Total/NA	Prep	3510C			832650	03/10/22 08:07	DXD	TAL EDI
Total/NA	Analysis	8081B		1	832832	03/11/22 06:57	FAM	TAL EDI
Total/NA	Prep	3510C			832651	03/10/22 08:10	DXD	TAL EDI
Total/NA	Analysis	8082A		1	832850	03/11/22 08:19	JHP	TAL EDI
Dissolved	Prep	3010A			832810	03/10/22 23:47	VAD	TAL EDI
Dissolved	Analysis	6020B		1	832746	03/11/22 01:41	CDC	TAL EDI
Total/NA	Prep	3010A			833008	03/11/22 20:05	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833159	03/13/22 10:32	MDC	TAL EDI
Dissolved	Prep	7470A			833344	03/14/22 14:09	RBS	TAL EDI
Dissolved	Analysis	7470A		1	833379	03/14/22 15:45	RBS	TAL EDI
Total/NA	Prep	7470A			832930	03/11/22 11:19	RBS	TAL EDI
Total/NA	Analysis	7470A		1	832993	03/11/22 15:43	RBS	TAL EDI

Client Sample ID: TW-04_20220308

Lab Sample ID: 460-253911-14

Date Collected: 03/08/22 08:55

Matrix: Water

Date Received: 03/08/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	832851	03/11/22 16:08	SZD	TAL EDI
Total/NA	Prep	3510C			832639	03/10/22 07:49	DXD	TAL EDI
Total/NA	Analysis	8270E		1	832677	03/10/22 22:59	MDJ	TAL EDI
Total/NA	Prep	3510C			832650	03/10/22 08:07	DXD	TAL EDI
Total/NA	Analysis	8081B		1	832832	03/11/22 07:13	FAM	TAL EDI
Total/NA	Prep	3510C			832651	03/10/22 08:10	DXD	TAL EDI
Total/NA	Analysis	8082A		1	832850	03/11/22 08:35	JHP	TAL EDI
Dissolved	Prep	3010A			832810	03/10/22 23:47	VAD	TAL EDI
Dissolved	Analysis	6020B		1	832746	03/11/22 01:43	CDC	TAL EDI
Total/NA	Prep	3010A			833008	03/11/22 20:05	GAE	TAL EDI
Total/NA	Analysis	6020B		1	833159	03/13/22 10:34	MDC	TAL EDI
Dissolved	Prep	7470A			833344	03/14/22 14:09	RBS	TAL EDI
Dissolved	Analysis	7470A		1	833379	03/14/22 16:04	RBS	TAL EDI
Total/NA	Prep	7470A			832930	03/11/22 11:19	RBS	TAL EDI
Total/NA	Analysis	7470A		1	832993	03/11/22 15:44	RBS	TAL EDI

Client Sample ID: TB_20220308

Lab Sample ID: 460-253911-15

Date Collected: 03/08/22 15:00

Matrix: Water

Date Received: 03/08/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	832851	03/11/22 14:00	SZD	TAL EDI

Lab Chronicle

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Laboratory References:

TAL EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Accreditation/Certification Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: AKRF Inc
Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
8081B	Organochlorine Pesticides (GC)	SW846	TAL EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
6020B	Metals (ICP/MS)	SW846	TAL EDI
7470A	Mercury (CVAA)	SW846	TAL EDI
7471B	Mercury (CVAA)	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
3010A	Preparation, Total Metals	SW846	TAL EDI
3050B	Preparation, Metals	SW846	TAL EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL EDI
3546	Microwave Extraction	SW846	TAL EDI
5030C	Purge and Trap	SW846	TAL EDI
5035	Closed System Purge and Trap	SW846	TAL EDI
7470A	Preparation, Mercury	SW846	TAL EDI
7471B	Preparation, Mercury	SW846	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: AKRF Inc
 Project/Site: 445 E. 163rd Street, Bronx, NY

Job ID: 460-253843-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-253843-1	SB-04_1-3_20220307	Solid	03/07/22 11:50	03/07/22 19:00
460-253843-2	SB-04_12-14_20220307	Solid	03/07/22 11:55	03/07/22 19:00
460-253843-3	SB-05_1-3_20220307	Solid	03/07/22 15:00	03/07/22 19:00
460-253843-4	SB-05_12-14_20220307	Solid	03/07/22 15:05	03/07/22 19:00
460-253843-5	SB-06_1-3_20220307	Solid	03/07/22 13:45	03/07/22 19:00
460-253843-6	SB-06_12-14_20220307	Solid	03/07/22 13:50	03/07/22 19:00
460-253843-7	SB-09_1-3_20220307	Solid	03/07/22 14:10	03/07/22 19:00
460-253843-8	SB-09_12-14_20220307	Solid	03/07/22 14:15	03/07/22 19:00
460-253843-9	SB-10_1-3_20220307	Solid	03/07/22 12:45	03/07/22 19:00
460-253843-10	SB-10_12-14_20220307	Solid	03/07/22 12:50	03/07/22 19:00
460-253843-11	TW-05_20220307	Water	03/07/22 16:05	03/07/22 19:00
460-253843-12	TW-06_20220307	Water	03/07/22 15:10	03/07/22 19:00
460-253843-13	TB_20220307	Water	03/07/22 16:00	03/07/22 19:00
460-253911-1	SB-01_1-3_20220308	Solid	03/08/22 08:00	03/08/22 18:30
460-253911-2	SB-01_12-14_20220308	Solid	03/08/22 08:05	03/08/22 18:30
460-253911-3	SB-02_1-3_20220308	Solid	03/08/22 11:00	03/08/22 18:30
460-253911-4	SB-02_12-14_20220308	Solid	03/08/22 11:05	03/08/22 18:30
460-253911-5	SB-03_1-3_20220308	Solid	03/08/22 10:30	03/08/22 18:30
460-253911-6	SB-03_12-14_20220308	Solid	03/08/22 10:35	03/08/22 18:30
460-253911-7	SB-07_1-3_20220308	Solid	03/08/22 09:00	03/08/22 18:30
460-253911-8	SB-07_12-14_20220308	Solid	03/08/22 09:05	03/08/22 18:30
460-253911-9	SB-08_1-3_20220308	Solid	03/08/22 09:30	03/08/22 18:30
460-253911-10	SB-08_12-14_20220308	Solid	03/08/22 09:35	03/08/22 18:30
460-253911-11	TW-01_20220308	Water	03/08/22 12:00	03/08/22 18:30
460-253911-12	TW-02_20220308	Water	03/08/22 13:30	03/08/22 18:30
460-253911-13	TW-03_20220308	Water	03/08/22 14:00	03/08/22 18:30
460-253911-14	TW-04_20220308	Water	03/08/22 08:55	03/08/22 18:30
460-253911-15	TB_20220308	Water	03/08/22 15:00	03/08/22 18:30



NYC

Chain of Custody Record

586873



Environment Testing
TestAmerica

Address:

TAL-8210

COC No. 1 of 2 COCs

Date: 3/7/22

Carrier:

Site Contact: T. Carvico

Lab Contact: M. Hars

RCRA NPDES DW Other:

Project Manager: Ken Wilts

Tel/Email: kwilts@entek.com

Sampler: T. Carvico
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No: 2558443

Sample Specific Notes:
-1
-2
-3
-4
-5
-6
-7
-8
-9
-10
-11
-12

Project Name: AKRF, Inc.
Address: 440 Park Ave South, 7th Floor
City/State/Zip: New York, NY 10016
Phone:
Fax:
Project Name: 445 E. 163rd Street
Site: 445 E. 163rd St, Bronx, NY
PO # 210407

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Analysis Turnaround Time		Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TLC VOCs+TX (w/14-DX)	RBS	TLC Metals + Mercury (Total)	TLC BNA (w/14-DX)	TLC Residues	TLC Metals + Mercury (Disolving)
						CALENDAR DAYS	WORKING DAYS								
SB-04-1-3_20220307	3/7/22	1150	G	S	5					X	X	X	X	X	X
SB-04-12-14-20220307		1155		S	5					X	X	X	X	X	X
SB-05-1-3_20220307		1500		S	5					X	X	X	X	X	X
SB-05-12-14-20220307		1505		S	5					X	X	X	X	X	X
SB-06-1-3_20220307		1345		S	5					X	X	X	X	X	X
SB-06-12-14-20220307		1350		S	5					X	X	X	X	X	X
SB-09-1-3_20220307		1410		S	5					X	X	X	X	X	X
SB-09-12-14-20220307		1415		S	5					X	X	X	X	X	X
SB-10-1-3_20220307		1245		S	5					X	X	X	X	X	X
SB-10-12-14-20220307		1250		S	5					X	X	X	X	X	X
TW-05-20220307		1605		GW	9					X	X	X	X	X	X
TW-06-20220307		1510		GW	9					X	X	X	X	X	X

SHORT HOLD



460-253843 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other
Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
 Non-Hazard Flammable Skin Irritant Unknown Poison B Archival for _____ Months

Special Instructions/QC Requirements & Comments:
Cat A Deliverables. AKRF EDU15 EDDs. Key SDG open

Relinquished by: [Signature]	Company: AKRF	Date/Time: 3/7/22	Received by: [Signature]	Company: [Signature]	Date/Time: 3/7/22
Relinquished by: [Signature]	Company: [Signature]	Date/Time: 3/22/190	Received by: [Signature]	Company: [Signature]	Date/Time: 3/17/2022
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

16 18 JSD



NYC
222

Address:

TAL-8210

Company Name: AKRF Inc. Address: 440 Park Ave So., 7th Fl., New York, NY 10016 Phone: Fax: Project Name: 445 E. 163rd Street, Site: 445 E. 163rd St, Bronx, NY PO # 210407	Client Contact Company Name: AKRF Inc. Address: 440 Park Ave So., 7th Fl., New York, NY 10016 Phone: Fax: Project Name: 445 E. 163rd Street, Site: 445 E. 163rd St, Bronx, NY PO # 210407	Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other: Project Manager: Ken Wiles Tel/Email: Ken Wiles @ eurofins.com Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS TAT if different from Below 2 weeks 1 week 2 days 1 day Working Days AKRF Standard	Site Contact: T. Lericson Lab Contact: M. Hays Date: 3/17/22 Carrier: Date: 3/17/22 COC No: 2 of 2 COCs Sampler: T. Lericson For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.: A598493	Filtered Sample (Y/N) Perform MS / MSD (Y/N) TCL VOCs + TX (w/o 1,4-Dx) RBS TCL Metals + Mercury (TCL) TCL BNA (w/ 1,4-Dx) TCL Pesticides TCL Metals + Mercury (Distill) Sample Specific Notes: -13	Sample Identification 730 TB_20220307	Sample Date 3/17/22 1600	Sample Time 6	Sample Type (C=Comp, G=Grab) As	Matrix Z	# of Cont. 2	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months	Special Instructions/QC Requirements & Comments: Cat A Deliverables. EQULS EDDS (AKRF). Keep SDS open. Custody Seal No.: Relinquished by: [Signature] Relinquished by: Kanel Relinquished by:
---	---	---	---	--	--	-----------------------------	------------------	---------------------------------------	-------------	-----------------	--	--

Date/Time	Company	Received by:	Therm ID No.:
3/17/22	AKRF	Kanel	37221630
Date/Time	Company	Received by:	Date/Time
3/17/22 19:00	MA	[Signature]	3/17/22 19:40
Date/Time	Company	Received by:	Date/Time
		Laboratory by:	

1648750

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 253843

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

Cooler #	RAW		CORRECTED	
	Temp	pH	Temp	pH
Cooler #1:	16	8	18	8
Cooler #2:				
Cooler #3:				
Cooler #4:				
Cooler #5:				
Cooler #6:				
Cooler #7:				
Cooler #8:				
Cooler #9:				

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols Sulfide (pH<2)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
<u>1</u>				<u>22</u>										
<u>2</u>				<u>22</u>										

If pH adjustments are required record the information below:

Sample No(s) adjusted: NA

Preservative Name/Conc.: NA Volume of Preservative used (ml): NA

Lot # of Preservative(s): NA Expiration Date: NA

*The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.
Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: hmad Date: 3/17/22



455234 eurofins

AS3911

TAL-8210

REGISTRATION
 2020

Regulatory Program: RCRA NPDES Other:

Project Manager: Ken W. GTC NPDES RCRA Other:

Tel/Email: Ken W. GTC kw@rakrf.com

Analysis Turnaround Time: STANDARD

TAT if different from Below: AKRF

CALENDAR DAYS WORKING DAYS

2 weeks 1 week 2 days 1 day

Client Contact: AKRF, Inc.

Company Name: AKRF, Inc.

Address: 440 Park Ave South

City/State/Zip: 4400 New York, NY

Phone: _____

Fax: _____

Project Name: 445 E. 163rd Street

Site: 445 E. 163rd Street, Bronx, NY

PO # 210407

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	TCL VOCs+TX (w/o 1,4-DX)	TCL Mthls+Mercury (Total)	TCL BNA (w/1,4-DX)	TCL Pesticides	TAL Mthls+Mercury (Dissolved)
SB-01-1-3-20220308	3/8/22	0800	G	S	5		X	X	X	X	X	
SB-01-12-14-20220308		0805		S	5		X	X	X	X	X	
SB-02-1-3-20220308		1100		S	5		X	X	X	X	X	
SB-02-12-14-20220308		1105		S	5		X	X	X	X	X	
SB-03-1-3-20220308		1030		S	5		X	X	X	X	X	
SB-03-12-14-20220308		1035		S	5		X	X	X	X	X	
SB-07-1-3-20220308		0900		S	5		X	X	X	X	X	
SB-07-12-14-20220308		0905		S	5		X	X	X	X	X	
SB-08-1-3-20220308		0930		S	5		X	X	X	X	X	
SB-08-12-14-20220308		0935		S	5		X	X	X	X	X	
TW-01-20220308		1200		GW	9	X	X	X	X	X	X	
TW-02-20220308		1338		GW	9	X	X	X	X	X	X	

Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other

Possible Hazard Identification: _____

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Skin Irritant Poison B Unknown

Special Instructions/QC Requirements & Comments:
Cat A Delimitables. AKRF Equipped. Close SDG.

Relinquished by:	Company:	Date/Time:	Custody Seal No.:	Relinquished by:	Company:	Date/Time:	Relinquished by:	Company:	Date/Time:
<u>[Signature]</u>	<u>AKRF</u>	<u>3/19/22</u>		<u>[Signature]</u>	<u>[Signature]</u>	<u>3/19/22</u>		<u>[Signature]</u>	<u>3/19/22</u>
<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>		<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>		<u>[Signature]</u>	<u>[Signature]</u>
<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>		<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>		<u>[Signature]</u>	<u>[Signature]</u>

23 20 2021 27 29 189



ELMSFORD

253911

TAL-8210

Address:

Regulatory Program: DW RCRA Other:

Client Contact Company Name: AKRF, Inc. Address: 440 Park Ave South City/State/Zip: New York, NY 10016 Phone: Fax: Project Name: 445 E. 63rd Street Site: 445 E. 63rd St, Bronx, NY PO# 210407		Project Manager: Ken Wilts Site Contact: T. Lorigan Tell/Email: Ken Wilts Lab Contact: M. Haas Analysis Turnaround Time: <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: <u>AKRF</u> <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Date: 3/8/22 Carrier:		COC No: 2 of 2 COCs Sampler: T. Lorigan For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.:	
Sample Identification Sample Date: 3/8/22 Sample Time: 1400 Matrix: GW Sample Type (C=Comp, G=Grab): G # of Cont.: 9		Filtered Sample (Y/N): Y Perform MS / MSD (Y/N): TCL VOCs + TX (w/o 1,4-Dx): X PCBs: X TAL Metals + Mercury (Total): X TCL BNAs (w/ 1,4-Dx): X TCL Pesticides: X TAL Metals + Mercury (Discrete): X		Sample Specific Notes: 13 14 15			
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other							
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown							
Special Instructions/QC Requirements & Comments: Cat A Deliverables. AKRF EQV15 EDDS. Close SDG.							
Relinquished by: [Signature]		Relinquished by: [Signature]		Relinquished by: [Signature]		Therm ID No.:	
Date/Time: 3/8/22		Date/Time: 3/8/22		Date/Time: 3/8/22		Date/Time: 3/8/22	
Company: AKRF		Company: AKRF		Company: AKRF		Company: AKRF	
Date/Time: 3/8/22		Date/Time: 3/8/22		Date/Time: 3/8/22		Date/Time: 3/8/22	
Date/Time: 3/8/22		Date/Time: 3/8/22		Date/Time: 3/8/22		Date/Time: 3/8/22	
Date/Time: 3/8/22		Date/Time: 3/8/22		Date/Time: 3/8/22		Date/Time: 3/8/22	



Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 253911

Number of Coolers: 2

IR Gun # 9

Cooler Temperatures

	RAW		CORRECTED	
	TEMP	PH	TEMP	PH
Cooler #1:	<u>23.0</u>	<u>5</u>	°C	°C
Cooler #2:	<u>27.0</u>	<u>2.9</u>	°C	°C
Cooler #3:	°C	°C	°C	°C
Cooler #4:	°C	°C	°C	°C
Cooler #5:	°C	°C	°C	°C
Cooler #6:	°C	°C	°C	°C
Cooler #7:	°C	°C	°C	°C
Cooler #8:	°C	°C	°C	°C
Cooler #9:	°C	°C	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
<u>11</u>				<u><2</u>											
<u>12</u>				<u><2</u>											
<u>13</u>				<u><2</u>											
<u>14</u>				<u><2</u>											

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted. Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials: hena Date: 3 8 22



Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-253843-1

Login Number: 253843

List Number: 1

Creator: Narinkhum, Nudjarin 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-253843-1

Login Number: 253911

List Source: Eurofins Edison

List Number: 1

Creator: Narinkhum, Nudjarin 1

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



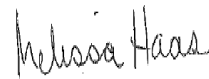
ANALYTICAL REPORT

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403
Tel: (802)660-1990

Laboratory Job ID: 200-62493-1
Client Project/Site: 445 163rd Ave, Bronx

For:
AKRF Inc
440 Park Avenue South
7th Floor
New York, New York 10016

Attn: Mr. Kenneth Wiles



Authorized for release by:
3/16/2022 11:48:49 AM

Melissa Haas, Senior Project Manager
(203)308-0880
Melissa.Haas@Eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.eurofinsus.com/Env

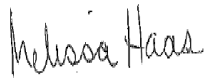
The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Melissa Haas
Senior Project Manager
3/16/2022 11:48:49 AM



Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	16
QC Sample Results	45
QC Association Summary	58
Lab Chronicle	59
Certification Summary	61
Method Summary	62
Sample Summary	63
Canister QC Documents	64
Chain of Custody	65
Receipt Checklists	67
Clean Canister Certification	68
Clean Canister Data	68

Definitions/Glossary

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Job ID: 200-62493-1

Laboratory: Eurofins Burlington

Narrative

CASE NARRATIVE

Client: AKRF Inc

Project: 445 163rd Ave, Bronx

Report Number: 200-62493-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 3/10/2022 10:35 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANICS (AMBIENT AIR)

Samples SV-01_20220308 (200-62493-1), SV-02_20220308 (200-62493-2), SV-03_20220308 (200-62493-3), SV-04_20220308 (200-62493-4), SV-05_20220308 (200-62493-5), SV-06_20220308 (200-62493-6) and AA_20220308 (200-62493-7) were analyzed for Volatile Organics (Ambient Air) in accordance with EPA Method TO15. The samples were analyzed on 03/14/2022 and 03/15/2022.

Samples SV-02_20220308 (200-62493-2)[2.99X], SV-04_20220308 (200-62493-4)[10X] and SV-04_20220308 (200-62493-4)[2.5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the VOCs analysis.

All quality control parameters were within the acceptance limits.

Detection Summary

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-01_20220308

Lab Sample ID: 200-62493-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	0.93	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0	0.25	ug/m3	1		TO-15	Total/NA
n-Butane	48		1.2	0.45	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	1.7		0.44	0.084	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.6		1.1	0.29	ug/m3	1		TO-15	Total/NA
Acetone	64		12	4.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	6.6	J	12	2.4	ug/m3	1		TO-15	Total/NA
Carbon disulfide	4.1		1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	2.0		1.7	0.59	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	4.0	J	15	3.6	ug/m3	1		TO-15	Total/NA
n-Hexane	32		1.8	0.81	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	6.2		1.5	0.50	ug/m3	1		TO-15	Total/NA
Tetrahydrofuran	6.8	J	15	3.5	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.82	J	1.1	0.21	ug/m3	1		TO-15	Total/NA
Cyclohexane	3.5		0.69	0.12	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.22		0.22	0.20	ug/m3	1		TO-15	Total/NA
Benzene	4.2		0.64	0.24	ug/m3	1		TO-15	Total/NA
n-Heptane	14		0.82	0.24	ug/m3	1		TO-15	Total/NA
Toluene	27		0.75	0.35	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	29		1.4	0.18	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.6		0.87	0.43	ug/m3	1		TO-15	Total/NA
m,p-Xylene	6.3		2.2	0.74	ug/m3	1		TO-15	Total/NA
o-Xylene	1.8		0.87	0.41	ug/m3	1		TO-15	Total/NA
Styrene	0.41	J	0.85	0.14	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.65	J	0.98	0.25	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.4		0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	40		1.1	0.21	ug/m3	1		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.42	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.26	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.51		0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	20		0.50	0.19	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.79		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.28		0.20	0.052	ppb v/v	1		TO-15	Total/NA
Acetone	27		5.0	2.0	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.7	J	5.0	0.98	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	1.3		0.50	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.57		0.50	0.17	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	1.3	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
n-Hexane	9.0		0.50	0.23	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.1		0.50	0.17	ppb v/v	1		TO-15	Total/NA
Tetrahydrofuran	2.3	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.15	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Cyclohexane	1.0		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.036		0.035	0.032	ppb v/v	1		TO-15	Total/NA
Benzene	1.3		0.20	0.074	ppb v/v	1		TO-15	Total/NA
n-Heptane	3.4		0.20	0.059	ppb v/v	1		TO-15	Total/NA
Toluene	7.1		0.20	0.093	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	4.2		0.20	0.027	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.36		0.20	0.10	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: AKRF Inc
 Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-01_20220308 (Continued)

Lab Sample ID: 200-62493-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m,p-Xylene	1.4		0.50	0.17	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.42		0.20	0.094	ppb v/v	1		TO-15	Total/NA
Styrene	0.097	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.13	J	0.20	0.051	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.48		0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	7.3		0.20	0.039	ppb v/v	1		TO-15	Total/NA

Client Sample ID: SV-02_20220308

Lab Sample ID: 200-62493-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	0.79	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloromethane	0.91	J	1.0	0.25	ug/m3	1		TO-15	Total/NA
n-Butane	4.5		1.2	0.45	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	2.3		0.44	0.084	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	11		1.1	0.29	ug/m3	1		TO-15	Total/NA
Acetone	180	E	12	4.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	8.1	J	12	2.4	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.89	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	6.7	J	15	3.6	ug/m3	1		TO-15	Total/NA
n-Hexane	13		1.8	0.81	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	110		1.5	0.50	ug/m3	1		TO-15	Total/NA
Chloroform	8.2		0.98	0.22	ug/m3	1		TO-15	Total/NA
Tetrahydrofuran	10	J	15	3.5	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.27	J	0.69	0.12	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.95		0.93	0.16	ug/m3	1		TO-15	Total/NA
Benzene	1.5		0.64	0.24	ug/m3	1		TO-15	Total/NA
n-Heptane	3.3		0.82	0.24	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	8.6		2.0	0.78	ug/m3	1		TO-15	Total/NA
Toluene	22		0.75	0.35	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	5.8		1.4	0.18	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	4.5		2.0	0.82	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.7		0.87	0.43	ug/m3	1		TO-15	Total/NA
m,p-Xylene	7.0		2.2	0.74	ug/m3	1		TO-15	Total/NA
o-Xylene	2.4		0.87	0.41	ug/m3	1		TO-15	Total/NA
Styrene	0.44	J	0.85	0.14	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.84	J	0.98	0.25	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	3.4		0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	59		1.1	0.21	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane - DL	2.6	J D	7.4	1.6	ug/m3	2.99		TO-15	Total/NA
Chloromethane - DL	0.98	J D	3.1	0.74	ug/m3	2.99		TO-15	Total/NA
n-Butane - DL	4.9	D	3.6	1.4	ug/m3	2.99		TO-15	Total/NA
1,3-Butadiene - DL	2.4	D	1.3	0.25	ug/m3	2.99		TO-15	Total/NA
Trichlorofluoromethane - DL	10	D	3.4	0.87	ug/m3	2.99		TO-15	Total/NA
Acetone - DL	180	D	36	14	ug/m3	2.99		TO-15	Total/NA
Isopropyl alcohol - DL	7.8	J D	37	7.2	ug/m3	2.99		TO-15	Total/NA
n-Hexane - DL	13	D	5.3	2.4	ug/m3	2.99		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	110	D	4.4	1.5	ug/m3	2.99		TO-15	Total/NA
Chloroform - DL	8.4	D	2.9	0.67	ug/m3	2.99		TO-15	Total/NA
Tetrahydrofuran - DL	11	J D	44	11	ug/m3	2.99		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	0.97	J D	2.8	0.49	ug/m3	2.99		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-02_20220308 (Continued)

Lab Sample ID: 200-62493-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene - DL	1.6	J D	1.9	0.71	ug/m3	2.99		TO-15	Total/NA
n-Heptane - DL	3.7	D	2.5	0.72	ug/m3	2.99		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone) - DL	7.9	D	6.1	2.3	ug/m3	2.99		TO-15	Total/NA
Toluene - DL	23	D	2.3	1.0	ug/m3	2.99		TO-15	Total/NA
Tetrachloroethene - DL	6.0	D	4.1	0.55	ug/m3	2.99		TO-15	Total/NA
Ethylbenzene - DL	1.8	J D	2.6	1.3	ug/m3	2.99		TO-15	Total/NA
m,p-Xylene - DL	7.0	D	6.5	2.2	ug/m3	2.99		TO-15	Total/NA
o-Xylene - DL	2.3	J D	2.6	1.2	ug/m3	2.99		TO-15	Total/NA
4-Ethyltoluene - DL	0.79	J D	2.9	0.75	ug/m3	2.99		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	3.0	D	2.9	0.69	ug/m3	2.99		TO-15	Total/NA
4-Isopropyltoluene - DL	59	D	3.3	0.64	ug/m3	2.99		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.45	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.22	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.44	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	1.9		0.50	0.19	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	1.0		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	1.9		0.20	0.052	ppb v/v	1		TO-15	Total/NA
Acetone	74	E	5.0	2.0	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	3.3	J	5.0	0.98	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.29	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	2.2	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
n-Hexane	3.6		0.50	0.23	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	37		0.50	0.17	ppb v/v	1		TO-15	Total/NA
Chloroform	1.7		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Tetrahydrofuran	3.5	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.078	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.20		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Benzene	0.47		0.20	0.074	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.81		0.20	0.059	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1		0.50	0.19	ppb v/v	1		TO-15	Total/NA
Toluene	5.9		0.20	0.093	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.85		0.20	0.027	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.1		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.40		0.20	0.10	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.6		0.50	0.17	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.55		0.20	0.094	ppb v/v	1		TO-15	Total/NA
Styrene	0.10	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.17	J	0.20	0.051	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.69		0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	11		0.20	0.039	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane - DL	0.52	J D	1.5	0.33	ppb v/v	2.99		TO-15	Total/NA
Chloromethane - DL	0.47	J D	1.5	0.36	ppb v/v	2.99		TO-15	Total/NA
n-Butane - DL	2.1	D	1.5	0.57	ppb v/v	2.99		TO-15	Total/NA
1,3-Butadiene - DL	1.1	D	0.60	0.11	ppb v/v	2.99		TO-15	Total/NA
Trichlorofluoromethane - DL	1.9	D	0.60	0.16	ppb v/v	2.99		TO-15	Total/NA
Acetone - DL	76	D	15	6.0	ppb v/v	2.99		TO-15	Total/NA
Isopropyl alcohol - DL	3.2	J D	15	2.9	ppb v/v	2.99		TO-15	Total/NA
n-Hexane - DL	3.8	D	1.5	0.69	ppb v/v	2.99		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-02_20220308 (Continued)

Lab Sample ID: 200-62493-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Ethyl Ketone (2-Butanone) - DL	37	D	1.5	0.51	ppb v/v	2.99		TO-15	Total/NA
Chloroform - DL	1.7	D	0.60	0.14	ppb v/v	2.99		TO-15	Total/NA
Tetrahydrofuran - DL	3.7	J D	15	3.6	ppb v/v	2.99		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	0.21	J D	0.60	0.10	ppb v/v	2.99		TO-15	Total/NA
Benzene - DL	0.49	J D	0.60	0.22	ppb v/v	2.99		TO-15	Total/NA
n-Heptane - DL	0.90	D	0.60	0.18	ppb v/v	2.99		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone) - DL	1.9	D	1.5	0.57	ppb v/v	2.99		TO-15	Total/NA
Toluene - DL	6.0	D	0.60	0.28	ppb v/v	2.99		TO-15	Total/NA
Tetrachloroethene - DL	0.89	D	0.60	0.081	ppb v/v	2.99		TO-15	Total/NA
Ethylbenzene - DL	0.41	J D	0.60	0.30	ppb v/v	2.99		TO-15	Total/NA
m,p-Xylene - DL	1.6	D	1.5	0.51	ppb v/v	2.99		TO-15	Total/NA
o-Xylene - DL	0.54	J D	0.60	0.28	ppb v/v	2.99		TO-15	Total/NA
4-Ethyltoluene - DL	0.16	J D	0.60	0.15	ppb v/v	2.99		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	0.61	D	0.60	0.14	ppb v/v	2.99		TO-15	Total/NA
4-Isopropyltoluene - DL	11	D	0.60	0.12	ppb v/v	2.99		TO-15	Total/NA

Client Sample ID: SV-03_20220308

Lab Sample ID: 200-62493-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	0.93	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.29	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.46	J	1.5	0.42	ug/m3	1		TO-15	Total/NA
Acetone	83		12	4.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	3.8	J	12	2.4	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	4.0	J	15	3.6	ug/m3	1		TO-15	Total/NA
n-Hexane	9.1		1.8	0.81	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	89		1.5	0.50	ug/m3	1		TO-15	Total/NA
Chloroform	0.23	J	0.98	0.22	ug/m3	1		TO-15	Total/NA
Tetrahydrofuran	7.1	J	15	3.5	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.12	J	0.69	0.12	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.32		0.22	0.20	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.77	J	0.93	0.16	ug/m3	1		TO-15	Total/NA
Benzene	0.37	J	0.64	0.24	ug/m3	1		TO-15	Total/NA
n-Heptane	1.8		0.82	0.24	ug/m3	1		TO-15	Total/NA
Toluene	12		0.75	0.35	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.67	J	1.4	0.18	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	4.3		2.0	0.82	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.0		0.87	0.43	ug/m3	1		TO-15	Total/NA
m,p-Xylene	4.3		2.2	0.74	ug/m3	1		TO-15	Total/NA
o-Xylene	1.5		0.87	0.41	ug/m3	1		TO-15	Total/NA
Styrene	0.29	J	0.85	0.14	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.61	J	0.98	0.25	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.5		0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	39		1.1	0.21	ug/m3	1		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.45	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.26	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.20		0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.059	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-03_20220308 (Continued)

Lab Sample ID: 200-62493-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	35		5.0	2.0	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	1.5	J	5.0	0.98	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	1.3	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
n-Hexane	2.6		0.50	0.23	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	30		0.50	0.17	ppb v/v	1		TO-15	Total/NA
Chloroform	0.047	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
Tetrahydrofuran	2.4	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.035	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.050		0.035	0.032	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.17	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA
Benzene	0.12	J	0.20	0.074	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.45		0.20	0.059	ppb v/v	1		TO-15	Total/NA
Toluene	3.1		0.20	0.093	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.098	J	0.20	0.027	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.0		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.23		0.20	0.10	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.99		0.50	0.17	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.35		0.20	0.094	ppb v/v	1		TO-15	Total/NA
Styrene	0.068	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.12	J	0.20	0.051	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.51		0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	7.1		0.20	0.039	ppb v/v	1		TO-15	Total/NA

Client Sample ID: SV-04_20220308

Lab Sample ID: 200-62493-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	5.0	J	6.2	1.4	ug/m3	2.5		TO-15	Total/NA
Chlorodifluoromethane	2.3	J	4.4	0.97	ug/m3	2.5		TO-15	Total/NA
Chloromethane	1.6	J	2.6	0.62	ug/m3	2.5		TO-15	Total/NA
1,3-Butadiene	0.69	J	1.1	0.21	ug/m3	2.5		TO-15	Total/NA
Trichlorofluoromethane	2.8		2.8	0.73	ug/m3	2.5		TO-15	Total/NA
Acetone	450	E	30	12	ug/m3	2.5		TO-15	Total/NA
Carbon disulfide	3.3	J	3.9	1.0	ug/m3	2.5		TO-15	Total/NA
Methylene Chloride	1.6	J	4.3	1.5	ug/m3	2.5		TO-15	Total/NA
tert-Butyl alcohol	10	J	38	9.1	ug/m3	2.5		TO-15	Total/NA
n-Hexane	28		4.4	2.0	ug/m3	2.5		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	660	E	3.7	1.3	ug/m3	2.5		TO-15	Total/NA
Chloroform	4.4		2.4	0.56	ug/m3	2.5		TO-15	Total/NA
Tetrahydrofuran	21	J	37	8.8	ug/m3	2.5		TO-15	Total/NA
Cyclohexane	2.2		1.7	0.30	ug/m3	2.5		TO-15	Total/NA
Carbon tetrachloride	0.81		0.55	0.50	ug/m3	2.5		TO-15	Total/NA
2,2,4-Trimethylpentane	2.6		2.3	0.41	ug/m3	2.5		TO-15	Total/NA
Benzene	1.4	J	1.6	0.59	ug/m3	2.5		TO-15	Total/NA
n-Heptane	7.3		2.0	0.60	ug/m3	2.5		TO-15	Total/NA
Trichloroethene	0.57		0.50	0.32	ug/m3	2.5		TO-15	Total/NA
Toluene	56		1.9	0.88	ug/m3	2.5		TO-15	Total/NA
Tetrachloroethene	13		3.4	0.46	ug/m3	2.5		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	81		5.1	2.0	ug/m3	2.5		TO-15	Total/NA
Ethylbenzene	3.4		2.2	1.1	ug/m3	2.5		TO-15	Total/NA
m,p-Xylene	15		5.4	1.8	ug/m3	2.5		TO-15	Total/NA
o-Xylene	3.8		2.2	1.0	ug/m3	2.5		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-04_20220308 (Continued)

Lab Sample ID: 200-62493-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	6.3		2.5	0.58	ug/m3	2.5		TO-15	Total/NA
Acetone - DL	170	D	120	48	ug/m3	10		TO-15	Total/NA
n-Hexane - DL	10	J D	18	8.1	ug/m3	10		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	230	D	15	5.0	ug/m3	10		TO-15	Total/NA
Toluene - DL	19	D	7.5	3.5	ug/m3	10		TO-15	Total/NA
Tetrachloroethene - DL	4.5	J D	14	1.8	ug/m3	10		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone) - DL	23	D	20	8.2	ug/m3	10		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	2.3	J D	9.8	2.3	ug/m3	10		TO-15	Total/NA
4-Isopropyltoluene - DL	3.4	J D	11	2.1	ug/m3	10		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.0	J	1.3	0.28	ppb v/v	2.5		TO-15	Total/NA
Chlorodifluoromethane	0.64	J	1.3	0.28	ppb v/v	2.5		TO-15	Total/NA
Chloromethane	0.77	J	1.3	0.30	ppb v/v	2.5		TO-15	Total/NA
1,3-Butadiene	0.31	J	0.50	0.095	ppb v/v	2.5		TO-15	Total/NA
Trichlorofluoromethane	0.49		0.50	0.13	ppb v/v	2.5		TO-15	Total/NA
Acetone	190	E	13	5.0	ppb v/v	2.5		TO-15	Total/NA
Carbon disulfide	1.1	J	1.3	0.33	ppb v/v	2.5		TO-15	Total/NA
Methylene Chloride	0.45	J	1.3	0.43	ppb v/v	2.5		TO-15	Total/NA
tert-Butyl alcohol	3.3	J	13	3.0	ppb v/v	2.5		TO-15	Total/NA
n-Hexane	8.0		1.3	0.58	ppb v/v	2.5		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	220	E	1.3	0.43	ppb v/v	2.5		TO-15	Total/NA
Chloroform	0.89		0.50	0.12	ppb v/v	2.5		TO-15	Total/NA
Tetrahydrofuran	7.2	J	13	3.0	ppb v/v	2.5		TO-15	Total/NA
Cyclohexane	0.63		0.50	0.088	ppb v/v	2.5		TO-15	Total/NA
Carbon tetrachloride	0.13		0.087	0.080	ppb v/v	2.5		TO-15	Total/NA
2,2,4-Trimethylpentane	0.57		0.50	0.088	ppb v/v	2.5		TO-15	Total/NA
Benzene	0.45	J	0.50	0.19	ppb v/v	2.5		TO-15	Total/NA
n-Heptane	1.8		0.50	0.15	ppb v/v	2.5		TO-15	Total/NA
Trichloroethene	0.11		0.093	0.060	ppb v/v	2.5		TO-15	Total/NA
Toluene	15		0.50	0.23	ppb v/v	2.5		TO-15	Total/NA
Tetrachloroethene	1.9		0.50	0.068	ppb v/v	2.5		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	20		1.3	0.50	ppb v/v	2.5		TO-15	Total/NA
Ethylbenzene	0.78		0.50	0.25	ppb v/v	2.5		TO-15	Total/NA
m,p-Xylene	3.4		1.3	0.43	ppb v/v	2.5		TO-15	Total/NA
o-Xylene	0.87		0.50	0.24	ppb v/v	2.5		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.3		0.50	0.12	ppb v/v	2.5		TO-15	Total/NA
Acetone - DL	70	D	50	20	ppb v/v	10		TO-15	Total/NA
n-Hexane - DL	2.9	J D	5.0	2.3	ppb v/v	10		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	79	D	5.0	1.7	ppb v/v	10		TO-15	Total/NA
Toluene - DL	5.1	D	2.0	0.93	ppb v/v	10		TO-15	Total/NA
Tetrachloroethene - DL	0.66	J D	2.0	0.27	ppb v/v	10		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone) - DL	5.7	D	5.0	2.0	ppb v/v	10		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	0.46	J D	2.0	0.47	ppb v/v	10		TO-15	Total/NA
4-Isopropyltoluene - DL	0.62	J D	2.0	0.39	ppb v/v	10		TO-15	Total/NA

Client Sample ID: SV-05_20220308

Lab Sample ID: 200-62493-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.9	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	0.92	J	1.8	0.39	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-05_20220308 (Continued)

Lab Sample ID: 200-62493-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.41	J	1.0	0.25	ug/m3	1		TO-15	Total/NA
n-Butane	2.4		1.2	0.45	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.097	J	0.44	0.084	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.29	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.44	J	1.5	0.42	ug/m3	1		TO-15	Total/NA
Acetone	88		12	4.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	8.4	J	12	2.4	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	6.6	J	15	3.6	ug/m3	1		TO-15	Total/NA
n-Hexane	5.9		1.8	0.81	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	13		1.5	0.50	ug/m3	1		TO-15	Total/NA
Chloroform	1.6		0.98	0.22	ug/m3	1		TO-15	Total/NA
Tetrahydrofuran	4.4	J	15	3.5	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.44	J	1.1	0.21	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.83		0.69	0.12	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	1.3		0.93	0.16	ug/m3	1		TO-15	Total/NA
Benzene	0.52	J	0.64	0.24	ug/m3	1		TO-15	Total/NA
n-Heptane	1.7		0.82	0.24	ug/m3	1		TO-15	Total/NA
Trichloroethene	5.5		0.20	0.13	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.5		2.0	0.78	ug/m3	1		TO-15	Total/NA
Toluene	18		0.75	0.35	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	81		1.4	0.18	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.4		0.87	0.43	ug/m3	1		TO-15	Total/NA
m,p-Xylene	6.2		2.2	0.74	ug/m3	1		TO-15	Total/NA
o-Xylene	1.9		0.87	0.41	ug/m3	1		TO-15	Total/NA
Styrene	0.37	J	0.85	0.14	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.77	J	0.98	0.25	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.9		0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	61		1.1	0.21	ug/m3	1		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.39	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.26	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.20	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	1.0		0.50	0.19	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.044	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.24		0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.057	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
Acetone	37		5.0	2.0	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	3.4	J	5.0	0.98	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	2.2	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
n-Hexane	1.7		0.50	0.23	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	4.5		0.50	0.17	ppb v/v	1		TO-15	Total/NA
Chloroform	0.34		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Tetrahydrofuran	1.5	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.081	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.24		0.20	0.035	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.28		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Benzene	0.16	J	0.20	0.074	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.40		0.20	0.059	ppb v/v	1		TO-15	Total/NA
Trichloroethene	1.0		0.037	0.024	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-05_20220308 (Continued)

Lab Sample ID: 200-62493-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.61		0.50	0.19	ppb v/v	1		TO-15	Total/NA
Toluene	4.8		0.20	0.093	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	12		0.20	0.027	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.32		0.20	0.10	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.4		0.50	0.17	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.44		0.20	0.094	ppb v/v	1		TO-15	Total/NA
Styrene	0.087	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.16	J	0.20	0.051	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.60		0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	11		0.20	0.039	ppb v/v	1		TO-15	Total/NA

Client Sample ID: SV-06_20220308

Lab Sample ID: 200-62493-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.0	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	0.94	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloromethane	0.31	J	1.0	0.25	ug/m3	1		TO-15	Total/NA
n-Butane	15		1.2	0.45	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.38	J	0.44	0.084	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.6		1.1	0.29	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.45	J	1.5	0.42	ug/m3	1		TO-15	Total/NA
Acetone	72		12	4.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	6.7	J	12	2.4	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.68	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	5.2	J	15	3.6	ug/m3	1		TO-15	Total/NA
n-Hexane	13		1.8	0.81	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	6.4		1.5	0.50	ug/m3	1		TO-15	Total/NA
Chloroform	11		0.98	0.22	ug/m3	1		TO-15	Total/NA
Tetrahydrofuran	9.5	J	15	3.5	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	1.0	J	1.1	0.21	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.25	J	0.69	0.12	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.20	J	0.22	0.20	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.98		0.93	0.16	ug/m3	1		TO-15	Total/NA
Benzene	0.61	J	0.64	0.24	ug/m3	1		TO-15	Total/NA
n-Heptane	2.4		0.82	0.24	ug/m3	1		TO-15	Total/NA
Trichloroethene	9.6		0.20	0.13	ug/m3	1		TO-15	Total/NA
Toluene	26		0.75	0.35	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	56		1.4	0.18	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.6		0.87	0.43	ug/m3	1		TO-15	Total/NA
m,p-Xylene	6.7		2.2	0.74	ug/m3	1		TO-15	Total/NA
o-Xylene	2.0		0.87	0.41	ug/m3	1		TO-15	Total/NA
Styrene	1.1		0.85	0.14	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.80	J	0.98	0.25	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	3.0		0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	51		1.1	0.21	ug/m3	1		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.41	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.27	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.15	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	6.3		0.50	0.19	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-06_20220308 (Continued)

Lab Sample ID: 200-62493-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3-Butadiene	0.17	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.28		0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.059	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
Acetone	30		5.0	2.0	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.7	J	5.0	0.98	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.22	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	1.7	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
n-Hexane	3.8		0.50	0.23	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.2		0.50	0.17	ppb v/v	1		TO-15	Total/NA
Chloroform	2.3		0.20	0.046	ppb v/v	1		TO-15	Total/NA
Tetrahydrofuran	3.2	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.19	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.073	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.031	J	0.035	0.032	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.21		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Benzene	0.19	J	0.20	0.074	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.59		0.20	0.059	ppb v/v	1		TO-15	Total/NA
Trichloroethene	1.8		0.037	0.024	ppb v/v	1		TO-15	Total/NA
Toluene	6.8		0.20	0.093	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	8.3		0.20	0.027	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.36		0.20	0.10	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.5		0.50	0.17	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.46		0.20	0.094	ppb v/v	1		TO-15	Total/NA
Styrene	0.27		0.20	0.032	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.16	J	0.20	0.051	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.62		0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	9.3		0.20	0.039	ppb v/v	1		TO-15	Total/NA

Client Sample ID: AA_20220308

Lab Sample ID: 200-62493-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.6		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.4	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloromethane	1.2		1.0	0.25	ug/m3	1		TO-15	Total/NA
n-Butane	1.9		1.2	0.45	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.29	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.50	J	1.5	0.42	ug/m3	1		TO-15	Total/NA
Acetone	4.9	J	12	4.8	ug/m3	1		TO-15	Total/NA
Methylene Chloride	6.7		1.7	0.59	ug/m3	1		TO-15	Total/NA
n-Hexane	1.6	J	1.8	0.81	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.39		0.22	0.20	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.24	J	0.93	0.16	ug/m3	1		TO-15	Total/NA
Benzene	0.48	J	0.64	0.24	ug/m3	1		TO-15	Total/NA
Toluene	1.3		0.75	0.35	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.49	J	1.4	0.18	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.23	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	0.53	J	1.1	0.21	ug/m3	1		TO-15	Total/NA
Hexachlorobutadiene	0.96	J	2.1	0.33	ug/m3	1		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.54		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.41	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: AA_20220308 (Continued)

Lab Sample ID: 200-62493-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.57		0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	0.81		0.50	0.19	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.21		0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.065	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
Acetone	2.1	J	5.0	2.0	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	1.9		0.50	0.17	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.44	J	0.50	0.23	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.062		0.035	0.032	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.052	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA
Benzene	0.15	J	0.20	0.074	ppb v/v	1		TO-15	Total/NA
Toluene	0.34		0.20	0.093	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.072	J	0.20	0.027	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.046	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.096	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Hexachlorobutadiene	0.090	J	0.20	0.031	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-01_20220308

Lab Sample ID: 200-62493-1

Date Collected: 03/08/22 11:46

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3			03/14/22 18:18	1
Chlorodifluoromethane	0.93	J	1.8	0.39	ug/m3			03/14/22 18:18	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.38	ug/m3			03/14/22 18:18	1
Chloromethane	1.1		1.0	0.25	ug/m3			03/14/22 18:18	1
n-Butane	48		1.2	0.45	ug/m3			03/14/22 18:18	1
Vinyl chloride	0.20	U	0.20	0.072	ug/m3			03/14/22 18:18	1
1,3-Butadiene	1.7		0.44	0.084	ug/m3			03/14/22 18:18	1
Bromomethane	0.78	U	0.78	0.20	ug/m3			03/14/22 18:18	1
Chloroethane	1.3	U	1.3	0.66	ug/m3			03/14/22 18:18	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.37	ug/m3			03/14/22 18:18	1
Trichlorofluoromethane	1.6		1.1	0.29	ug/m3			03/14/22 18:18	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.42	ug/m3			03/14/22 18:18	1
1,1-Dichloroethene	0.20	U	0.20	0.11	ug/m3			03/14/22 18:18	1
Acetone	64		12	4.8	ug/m3			03/14/22 18:18	1
Isopropyl alcohol	6.6	J	12	2.4	ug/m3			03/14/22 18:18	1
Carbon disulfide	4.1		1.6	0.40	ug/m3			03/14/22 18:18	1
3-Chloropropene	1.6	U	1.6	0.34	ug/m3			03/14/22 18:18	1
Methylene Chloride	2.0		1.7	0.59	ug/m3			03/14/22 18:18	1
tert-Butyl alcohol	4.0	J	15	3.6	ug/m3			03/14/22 18:18	1
Methyl tert-butyl ether	0.72	U	0.72	0.29	ug/m3			03/14/22 18:18	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.35	ug/m3			03/14/22 18:18	1
n-Hexane	32		1.8	0.81	ug/m3			03/14/22 18:18	1
1,1-Dichloroethane	0.81	U	0.81	0.12	ug/m3			03/14/22 18:18	1
Methyl Ethyl Ketone (2-Butanone)	6.2		1.5	0.50	ug/m3			03/14/22 18:18	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			03/14/22 18:18	1
Chloroform	0.98	U	0.98	0.22	ug/m3			03/14/22 18:18	1
Tetrahydrofuran	6.8	J	15	3.5	ug/m3			03/14/22 18:18	1
1,1,1-Trichloroethane	0.82	J	1.1	0.21	ug/m3			03/14/22 18:18	1
Cyclohexane	3.5		0.69	0.12	ug/m3			03/14/22 18:18	1
Carbon tetrachloride	0.22		0.22	0.20	ug/m3			03/14/22 18:18	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.16	ug/m3			03/14/22 18:18	1
Benzene	4.2		0.64	0.24	ug/m3			03/14/22 18:18	1
1,2-Dichloroethane	0.81	U	0.81	0.61	ug/m3			03/14/22 18:18	1
n-Heptane	14		0.82	0.24	ug/m3			03/14/22 18:18	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/14/22 18:18	1
Methyl methacrylate	2.0	U	2.0	0.66	ug/m3			03/14/22 18:18	1
1,2-Dichloropropane	0.92	U	0.92	0.40	ug/m3			03/14/22 18:18	1
1,4-Dioxane	18	U	18	6.1	ug/m3			03/14/22 18:18	1
Bromodichloromethane	1.3	U	1.3	0.27	ug/m3			03/14/22 18:18	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.091	ug/m3			03/14/22 18:18	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.78	ug/m3			03/14/22 18:18	1
Toluene	27		0.75	0.35	ug/m3			03/14/22 18:18	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.40	ug/m3			03/14/22 18:18	1
1,1,2-Trichloroethane	1.1	U	1.1	0.19	ug/m3			03/14/22 18:18	1
Tetrachloroethene	29		1.4	0.18	ug/m3			03/14/22 18:18	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			03/14/22 18:18	1
Dibromochloromethane	1.7	U	1.7	0.26	ug/m3			03/14/22 18:18	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			03/14/22 18:18	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-01_20220308

Lab Sample ID: 200-62493-1

Date Collected: 03/08/22 11:46

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/14/22 18:18	1
Ethylbenzene	1.6		0.87	0.43	ug/m3			03/14/22 18:18	1
m,p-Xylene	6.3		2.2	0.74	ug/m3			03/14/22 18:18	1
o-Xylene	1.8		0.87	0.41	ug/m3			03/14/22 18:18	1
Styrene	0.41	J	0.85	0.14	ug/m3			03/14/22 18:18	1
Bromoform	2.1	U	2.1	0.60	ug/m3			03/14/22 18:18	1
Cumene	0.98	U	0.98	0.18	ug/m3			03/14/22 18:18	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/14/22 18:18	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/14/22 18:18	1
4-Ethyltoluene	0.65	J	0.98	0.25	ug/m3			03/14/22 18:18	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.22	ug/m3			03/14/22 18:18	1
2-Chlorotoluene	1.0	U	1.0	0.25	ug/m3			03/14/22 18:18	1
tert-Butylbenzene	1.1	U	1.1	0.20	ug/m3			03/14/22 18:18	1
1,2,4-Trimethylbenzene	2.4		0.98	0.23	ug/m3			03/14/22 18:18	1
sec-Butylbenzene	1.1	U	1.1	0.21	ug/m3			03/14/22 18:18	1
4-Isopropyltoluene	40		1.1	0.21	ug/m3			03/14/22 18:18	1
1,3-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/14/22 18:18	1
1,4-Dichlorobenzene	1.2	U	1.2	0.57	ug/m3			03/14/22 18:18	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			03/14/22 18:18	1
n-Butylbenzene	1.1	U	1.1	0.30	ug/m3			03/14/22 18:18	1
1,2-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			03/14/22 18:18	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.4	ug/m3			03/14/22 18:18	1
Hexachlorobutadiene	2.1	U	2.1	0.33	ug/m3			03/14/22 18:18	1
Naphthalene	2.6	U	2.6	0.89	ug/m3			03/14/22 18:18	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.42	J	0.50	0.11	ppb v/v			03/14/22 18:18	1
Chlorodifluoromethane	0.26	J	0.50	0.11	ppb v/v			03/14/22 18:18	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.055	ppb v/v			03/14/22 18:18	1
Chloromethane	0.51		0.50	0.12	ppb v/v			03/14/22 18:18	1
n-Butane	20		0.50	0.19	ppb v/v			03/14/22 18:18	1
Vinyl chloride	0.078	U	0.078	0.028	ppb v/v			03/14/22 18:18	1
1,3-Butadiene	0.79		0.20	0.038	ppb v/v			03/14/22 18:18	1
Bromomethane	0.20	U	0.20	0.052	ppb v/v			03/14/22 18:18	1
Chloroethane	0.50	U	0.50	0.25	ppb v/v			03/14/22 18:18	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.085	ppb v/v			03/14/22 18:18	1
Trichlorofluoromethane	0.28		0.20	0.052	ppb v/v			03/14/22 18:18	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.055	ppb v/v			03/14/22 18:18	1
1,1-Dichloroethene	0.050	U	0.050	0.029	ppb v/v			03/14/22 18:18	1
Acetone	27		5.0	2.0	ppb v/v			03/14/22 18:18	1
Isopropyl alcohol	2.7	J	5.0	0.98	ppb v/v			03/14/22 18:18	1
Carbon disulfide	1.3		0.50	0.13	ppb v/v			03/14/22 18:18	1
3-Chloropropene	0.50	U	0.50	0.11	ppb v/v			03/14/22 18:18	1
Methylene Chloride	0.57		0.50	0.17	ppb v/v			03/14/22 18:18	1
tert-Butyl alcohol	1.3	J	5.0	1.2	ppb v/v			03/14/22 18:18	1
Methyl tert-butyl ether	0.20	U	0.20	0.080	ppb v/v			03/14/22 18:18	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.088	ppb v/v			03/14/22 18:18	1
n-Hexane	9.0		0.50	0.23	ppb v/v			03/14/22 18:18	1
1,1-Dichloroethane	0.20	U	0.20	0.029	ppb v/v			03/14/22 18:18	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-01_20220308

Lab Sample ID: 200-62493-1

Date Collected: 03/08/22 11:46

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	2.1		0.50	0.17	ppb v/v			03/14/22 18:18	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.033	ppb v/v			03/14/22 18:18	1
Chloroform	0.20	U	0.20	0.046	ppb v/v			03/14/22 18:18	1
Tetrahydrofuran	2.3	J	5.0	1.2	ppb v/v			03/14/22 18:18	1
1,1,1-Trichloroethane	0.15	J	0.20	0.039	ppb v/v			03/14/22 18:18	1
Cyclohexane	1.0		0.20	0.035	ppb v/v			03/14/22 18:18	1
Carbon tetrachloride	0.036		0.035	0.032	ppb v/v			03/14/22 18:18	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.035	ppb v/v			03/14/22 18:18	1
Benzene	1.3		0.20	0.074	ppb v/v			03/14/22 18:18	1
1,2-Dichloroethane	0.20	U	0.20	0.15	ppb v/v			03/14/22 18:18	1
n-Heptane	3.4		0.20	0.059	ppb v/v			03/14/22 18:18	1
Trichloroethene	0.037	U	0.037	0.024	ppb v/v			03/14/22 18:18	1
Methyl methacrylate	0.50	U	0.50	0.16	ppb v/v			03/14/22 18:18	1
1,2-Dichloropropane	0.20	U	0.20	0.087	ppb v/v			03/14/22 18:18	1
1,4-Dioxane	5.0	U	5.0	1.7	ppb v/v			03/14/22 18:18	1
Bromodichloromethane	0.20	U	0.20	0.040	ppb v/v			03/14/22 18:18	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.020	ppb v/v			03/14/22 18:18	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.19	ppb v/v			03/14/22 18:18	1
Toluene	7.1		0.20	0.093	ppb v/v			03/14/22 18:18	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.089	ppb v/v			03/14/22 18:18	1
1,1,2-Trichloroethane	0.20	U	0.20	0.034	ppb v/v			03/14/22 18:18	1
Tetrachloroethene	4.2		0.20	0.027	ppb v/v			03/14/22 18:18	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			03/14/22 18:18	1
Dibromochloromethane	0.20	U	0.20	0.031	ppb v/v			03/14/22 18:18	1
1,2-Dibromoethane	0.20	U	0.20	0.046	ppb v/v			03/14/22 18:18	1
Chlorobenzene	0.20	U	0.20	0.043	ppb v/v			03/14/22 18:18	1
Ethylbenzene	0.36		0.20	0.10	ppb v/v			03/14/22 18:18	1
m,p-Xylene	1.4		0.50	0.17	ppb v/v			03/14/22 18:18	1
o-Xylene	0.42		0.20	0.094	ppb v/v			03/14/22 18:18	1
Styrene	0.097	J	0.20	0.032	ppb v/v			03/14/22 18:18	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			03/14/22 18:18	1
Cumene	0.20	U	0.20	0.037	ppb v/v			03/14/22 18:18	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/14/22 18:18	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/14/22 18:18	1
4-Ethyltoluene	0.13	J	0.20	0.051	ppb v/v			03/14/22 18:18	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.044	ppb v/v			03/14/22 18:18	1
2-Chlorotoluene	0.20	U	0.20	0.048	ppb v/v			03/14/22 18:18	1
tert-Butylbenzene	0.20	U	0.20	0.037	ppb v/v			03/14/22 18:18	1
1,2,4-Trimethylbenzene	0.48		0.20	0.047	ppb v/v			03/14/22 18:18	1
sec-Butylbenzene	0.20	U	0.20	0.039	ppb v/v			03/14/22 18:18	1
4-Isopropyltoluene	7.3		0.20	0.039	ppb v/v			03/14/22 18:18	1
1,3-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/14/22 18:18	1
1,4-Dichlorobenzene	0.20	U	0.20	0.095	ppb v/v			03/14/22 18:18	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			03/14/22 18:18	1
n-Butylbenzene	0.20	U	0.20	0.055	ppb v/v			03/14/22 18:18	1
1,2-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			03/14/22 18:18	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.19	ppb v/v			03/14/22 18:18	1
Hexachlorobutadiene	0.20	U	0.20	0.031	ppb v/v			03/14/22 18:18	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-01_20220308

Lab Sample ID: 200-62493-1

Date Collected: 03/08/22 11:46

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.50	U	0.50	0.17	ppb v/v			03/14/22 18:18	1

Client Sample ID: SV-02_20220308

Lab Sample ID: 200-62493-2

Date Collected: 03/08/22 12:28

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3			03/14/22 19:11	1
Chlorodifluoromethane	0.79	J	1.8	0.39	ug/m3			03/14/22 19:11	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.38	ug/m3			03/14/22 19:11	1
Chloromethane	0.91	J	1.0	0.25	ug/m3			03/14/22 19:11	1
n-Butane	4.5		1.2	0.45	ug/m3			03/14/22 19:11	1
Vinyl chloride	0.20	U	0.20	0.072	ug/m3			03/14/22 19:11	1
1,3-Butadiene	2.3		0.44	0.084	ug/m3			03/14/22 19:11	1
Bromomethane	0.78	U	0.78	0.20	ug/m3			03/14/22 19:11	1
Chloroethane	1.3	U	1.3	0.66	ug/m3			03/14/22 19:11	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.37	ug/m3			03/14/22 19:11	1
Trichlorofluoromethane	11		1.1	0.29	ug/m3			03/14/22 19:11	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.42	ug/m3			03/14/22 19:11	1
1,1-Dichloroethene	0.20	U	0.20	0.11	ug/m3			03/14/22 19:11	1
Acetone	180	E	12	4.8	ug/m3			03/14/22 19:11	1
Isopropyl alcohol	8.1	J	12	2.4	ug/m3			03/14/22 19:11	1
Carbon disulfide	0.89	J	1.6	0.40	ug/m3			03/14/22 19:11	1
3-Chloropropene	1.6	U	1.6	0.34	ug/m3			03/14/22 19:11	1
Methylene Chloride	1.7	U	1.7	0.59	ug/m3			03/14/22 19:11	1
tert-Butyl alcohol	6.7	J	15	3.6	ug/m3			03/14/22 19:11	1
Methyl tert-butyl ether	0.72	U	0.72	0.29	ug/m3			03/14/22 19:11	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.35	ug/m3			03/14/22 19:11	1
n-Hexane	13		1.8	0.81	ug/m3			03/14/22 19:11	1
1,1-Dichloroethane	0.81	U	0.81	0.12	ug/m3			03/14/22 19:11	1
Methyl Ethyl Ketone (2-Butanone)	110		1.5	0.50	ug/m3			03/14/22 19:11	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			03/14/22 19:11	1
Chloroform	8.2		0.98	0.22	ug/m3			03/14/22 19:11	1
Tetrahydrofuran	10	J	15	3.5	ug/m3			03/14/22 19:11	1
1,1,1-Trichloroethane	1.1	U	1.1	0.21	ug/m3			03/14/22 19:11	1
Cyclohexane	0.27	J	0.69	0.12	ug/m3			03/14/22 19:11	1
Carbon tetrachloride	0.22	U	0.22	0.20	ug/m3			03/14/22 19:11	1
2,2,4-Trimethylpentane	0.95		0.93	0.16	ug/m3			03/14/22 19:11	1
Benzene	1.5		0.64	0.24	ug/m3			03/14/22 19:11	1
1,2-Dichloroethane	0.81	U	0.81	0.61	ug/m3			03/14/22 19:11	1
n-Heptane	3.3		0.82	0.24	ug/m3			03/14/22 19:11	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/14/22 19:11	1
Methyl methacrylate	2.0	U	2.0	0.66	ug/m3			03/14/22 19:11	1
1,2-Dichloropropane	0.92	U	0.92	0.40	ug/m3			03/14/22 19:11	1
1,4-Dioxane	18	U	18	6.1	ug/m3			03/14/22 19:11	1
Bromodichloromethane	1.3	U	1.3	0.27	ug/m3			03/14/22 19:11	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.091	ug/m3			03/14/22 19:11	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-02_20220308

Lab Sample ID: 200-62493-2

Date Collected: 03/08/22 12:28

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	8.6		2.0	0.78	ug/m3			03/14/22 19:11	1
Toluene	22		0.75	0.35	ug/m3			03/14/22 19:11	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.40	ug/m3			03/14/22 19:11	1
1,1,2-Trichloroethane	1.1	U	1.1	0.19	ug/m3			03/14/22 19:11	1
Tetrachloroethene	5.8		1.4	0.18	ug/m3			03/14/22 19:11	1
Methyl Butyl Ketone (2-Hexanone)	4.5		2.0	0.82	ug/m3			03/14/22 19:11	1
Dibromochloromethane	1.7	U	1.7	0.26	ug/m3			03/14/22 19:11	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			03/14/22 19:11	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/14/22 19:11	1
Ethylbenzene	1.7		0.87	0.43	ug/m3			03/14/22 19:11	1
m,p-Xylene	7.0		2.2	0.74	ug/m3			03/14/22 19:11	1
o-Xylene	2.4		0.87	0.41	ug/m3			03/14/22 19:11	1
Styrene	0.44	J	0.85	0.14	ug/m3			03/14/22 19:11	1
Bromoform	2.1	U	2.1	0.60	ug/m3			03/14/22 19:11	1
Cumene	0.98	U	0.98	0.18	ug/m3			03/14/22 19:11	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/14/22 19:11	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/14/22 19:11	1
4-Ethyltoluene	0.84	J	0.98	0.25	ug/m3			03/14/22 19:11	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.22	ug/m3			03/14/22 19:11	1
2-Chlorotoluene	1.0	U	1.0	0.25	ug/m3			03/14/22 19:11	1
tert-Butylbenzene	1.1	U	1.1	0.20	ug/m3			03/14/22 19:11	1
1,2,4-Trimethylbenzene	3.4		0.98	0.23	ug/m3			03/14/22 19:11	1
sec-Butylbenzene	1.1	U	1.1	0.21	ug/m3			03/14/22 19:11	1
4-Isopropyltoluene	59		1.1	0.21	ug/m3			03/14/22 19:11	1
1,3-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/14/22 19:11	1
1,4-Dichlorobenzene	1.2	U	1.2	0.57	ug/m3			03/14/22 19:11	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			03/14/22 19:11	1
n-Butylbenzene	1.1	U	1.1	0.30	ug/m3			03/14/22 19:11	1
1,2-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			03/14/22 19:11	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.4	ug/m3			03/14/22 19:11	1
Hexachlorobutadiene	2.1	U	2.1	0.33	ug/m3			03/14/22 19:11	1
Naphthalene	2.6	U	2.6	0.89	ug/m3			03/14/22 19:11	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.45	J	0.50	0.11	ppb v/v			03/14/22 19:11	1
Chlorodifluoromethane	0.22	J	0.50	0.11	ppb v/v			03/14/22 19:11	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.055	ppb v/v			03/14/22 19:11	1
Chloromethane	0.44	J	0.50	0.12	ppb v/v			03/14/22 19:11	1
n-Butane	1.9		0.50	0.19	ppb v/v			03/14/22 19:11	1
Vinyl chloride	0.078	U	0.078	0.028	ppb v/v			03/14/22 19:11	1
1,3-Butadiene	1.0		0.20	0.038	ppb v/v			03/14/22 19:11	1
Bromomethane	0.20	U	0.20	0.052	ppb v/v			03/14/22 19:11	1
Chloroethane	0.50	U	0.50	0.25	ppb v/v			03/14/22 19:11	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.085	ppb v/v			03/14/22 19:11	1
Trichlorofluoromethane	1.9		0.20	0.052	ppb v/v			03/14/22 19:11	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.055	ppb v/v			03/14/22 19:11	1
1,1-Dichloroethene	0.050	U	0.050	0.029	ppb v/v			03/14/22 19:11	1
Acetone	74	E	5.0	2.0	ppb v/v			03/14/22 19:11	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-02_20220308

Lab Sample ID: 200-62493-2

Date Collected: 03/08/22 12:28

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl alcohol	3.3	J	5.0	0.98	ppb v/v			03/14/22 19:11	1
Carbon disulfide	0.29	J	0.50	0.13	ppb v/v			03/14/22 19:11	1
3-Chloropropene	0.50	U	0.50	0.11	ppb v/v			03/14/22 19:11	1
Methylene Chloride	0.50	U	0.50	0.17	ppb v/v			03/14/22 19:11	1
tert-Butyl alcohol	2.2	J	5.0	1.2	ppb v/v			03/14/22 19:11	1
Methyl tert-butyl ether	0.20	U	0.20	0.080	ppb v/v			03/14/22 19:11	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.088	ppb v/v			03/14/22 19:11	1
n-Hexane	3.6		0.50	0.23	ppb v/v			03/14/22 19:11	1
1,1-Dichloroethane	0.20	U	0.20	0.029	ppb v/v			03/14/22 19:11	1
Methyl Ethyl Ketone (2-Butanone)	37		0.50	0.17	ppb v/v			03/14/22 19:11	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.033	ppb v/v			03/14/22 19:11	1
Chloroform	1.7		0.20	0.046	ppb v/v			03/14/22 19:11	1
Tetrahydrofuran	3.5	J	5.0	1.2	ppb v/v			03/14/22 19:11	1
1,1,1-Trichloroethane	0.20	U	0.20	0.039	ppb v/v			03/14/22 19:11	1
Cyclohexane	0.078	J	0.20	0.035	ppb v/v			03/14/22 19:11	1
Carbon tetrachloride	0.035	U	0.035	0.032	ppb v/v			03/14/22 19:11	1
2,2,4-Trimethylpentane	0.20		0.20	0.035	ppb v/v			03/14/22 19:11	1
Benzene	0.47		0.20	0.074	ppb v/v			03/14/22 19:11	1
1,2-Dichloroethane	0.20	U	0.20	0.15	ppb v/v			03/14/22 19:11	1
n-Heptane	0.81		0.20	0.059	ppb v/v			03/14/22 19:11	1
Trichloroethene	0.037	U	0.037	0.024	ppb v/v			03/14/22 19:11	1
Methyl methacrylate	0.50	U	0.50	0.16	ppb v/v			03/14/22 19:11	1
1,2-Dichloropropane	0.20	U	0.20	0.087	ppb v/v			03/14/22 19:11	1
1,4-Dioxane	5.0	U	5.0	1.7	ppb v/v			03/14/22 19:11	1
Bromodichloromethane	0.20	U	0.20	0.040	ppb v/v			03/14/22 19:11	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.020	ppb v/v			03/14/22 19:11	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.1		0.50	0.19	ppb v/v			03/14/22 19:11	1
Toluene	5.9		0.20	0.093	ppb v/v			03/14/22 19:11	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.089	ppb v/v			03/14/22 19:11	1
1,1,2-Trichloroethane	0.20	U	0.20	0.034	ppb v/v			03/14/22 19:11	1
Tetrachloroethene	0.85		0.20	0.027	ppb v/v			03/14/22 19:11	1
Methyl Butyl Ketone (2-Hexanone)	1.1		0.50	0.20	ppb v/v			03/14/22 19:11	1
Dibromochloromethane	0.20	U	0.20	0.031	ppb v/v			03/14/22 19:11	1
1,2-Dibromoethane	0.20	U	0.20	0.046	ppb v/v			03/14/22 19:11	1
Chlorobenzene	0.20	U	0.20	0.043	ppb v/v			03/14/22 19:11	1
Ethylbenzene	0.40		0.20	0.10	ppb v/v			03/14/22 19:11	1
m,p-Xylene	1.6		0.50	0.17	ppb v/v			03/14/22 19:11	1
o-Xylene	0.55		0.20	0.094	ppb v/v			03/14/22 19:11	1
Styrene	0.10	J	0.20	0.032	ppb v/v			03/14/22 19:11	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			03/14/22 19:11	1
Cumene	0.20	U	0.20	0.037	ppb v/v			03/14/22 19:11	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/14/22 19:11	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/14/22 19:11	1
4-Ethyltoluene	0.17	J	0.20	0.051	ppb v/v			03/14/22 19:11	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.044	ppb v/v			03/14/22 19:11	1
2-Chlorotoluene	0.20	U	0.20	0.048	ppb v/v			03/14/22 19:11	1
tert-Butylbenzene	0.20	U	0.20	0.037	ppb v/v			03/14/22 19:11	1
1,2,4-Trimethylbenzene	0.69		0.20	0.047	ppb v/v			03/14/22 19:11	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-02_20220308

Lab Sample ID: 200-62493-2

Date Collected: 03/08/22 12:28

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	0.20	U	0.20	0.039	ppb v/v			03/14/22 19:11	1
4-Isopropyltoluene	11		0.20	0.039	ppb v/v			03/14/22 19:11	1
1,3-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/14/22 19:11	1
1,4-Dichlorobenzene	0.20	U	0.20	0.095	ppb v/v			03/14/22 19:11	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			03/14/22 19:11	1
n-Butylbenzene	0.20	U	0.20	0.055	ppb v/v			03/14/22 19:11	1
1,2-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			03/14/22 19:11	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.19	ppb v/v			03/14/22 19:11	1
Hexachlorobutadiene	0.20	U	0.20	0.031	ppb v/v			03/14/22 19:11	1
Naphthalene	0.50	U	0.50	0.17	ppb v/v			03/14/22 19:11	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.6	J D	7.4	1.6	ug/m3			03/14/22 20:05	2.99
Chlorodifluoromethane	5.3	U	5.3	1.2	ug/m3			03/14/22 20:05	2.99
1,2-Dichlorotetrafluoroethane	4.2	U	4.2	1.1	ug/m3			03/14/22 20:05	2.99
Chloromethane	0.98	J D	3.1	0.74	ug/m3			03/14/22 20:05	2.99
n-Butane	4.9	D	3.6	1.4	ug/m3			03/14/22 20:05	2.99
Vinyl chloride	0.60	U	0.60	0.21	ug/m3			03/14/22 20:05	2.99
1,3-Butadiene	2.4	D	1.3	0.25	ug/m3			03/14/22 20:05	2.99
Bromomethane	2.3	U	2.3	0.60	ug/m3			03/14/22 20:05	2.99
Chloroethane	3.9	U	3.9	2.0	ug/m3			03/14/22 20:05	2.99
Bromoethene(Vinyl Bromide)	2.6	U	2.6	1.1	ug/m3			03/14/22 20:05	2.99
Trichlorofluoromethane	10	D	3.4	0.87	ug/m3			03/14/22 20:05	2.99
1,1,2-Trichlorotrifluoroethane	4.6	U	4.6	1.3	ug/m3			03/14/22 20:05	2.99
1,1-Dichloroethene	0.60	U	0.60	0.34	ug/m3			03/14/22 20:05	2.99
Acetone	180	D	36	14	ug/m3			03/14/22 20:05	2.99
Isopropyl alcohol	7.8	J D	37	7.2	ug/m3			03/14/22 20:05	2.99
Carbon disulfide	4.7	U	4.7	1.2	ug/m3			03/14/22 20:05	2.99
3-Chloropropene	4.7	U	4.7	1.0	ug/m3			03/14/22 20:05	2.99
Methylene Chloride	5.2	U	5.2	1.8	ug/m3			03/14/22 20:05	2.99
tert-Butyl alcohol	45	U	45	11	ug/m3			03/14/22 20:05	2.99
Methyl tert-butyl ether	2.2	U	2.2	0.86	ug/m3			03/14/22 20:05	2.99
trans-1,2-Dichloroethene	2.4	U	2.4	1.0	ug/m3			03/14/22 20:05	2.99
n-Hexane	13	D	5.3	2.4	ug/m3			03/14/22 20:05	2.99
1,1-Dichloroethane	2.4	U	2.4	0.35	ug/m3			03/14/22 20:05	2.99
Methyl Ethyl Ketone (2-Butanone)	110	D	4.4	1.5	ug/m3			03/14/22 20:05	2.99
cis-1,2-Dichloroethene	0.60	U	0.60	0.39	ug/m3			03/14/22 20:05	2.99
Chloroform	8.4	D	2.9	0.67	ug/m3			03/14/22 20:05	2.99
Tetrahydrofuran	11	J D	44	11	ug/m3			03/14/22 20:05	2.99
1,1,1-Trichloroethane	3.3	U	3.3	0.64	ug/m3			03/14/22 20:05	2.99
Cyclohexane	2.1	U	2.1	0.36	ug/m3			03/14/22 20:05	2.99
Carbon tetrachloride	0.66	U	0.66	0.60	ug/m3			03/14/22 20:05	2.99
2,2,4-Trimethylpentane	0.97	J D	2.8	0.49	ug/m3			03/14/22 20:05	2.99
Benzene	1.6	J D	1.9	0.71	ug/m3			03/14/22 20:05	2.99
1,2-Dichloroethane	2.4	U	2.4	1.8	ug/m3			03/14/22 20:05	2.99
n-Heptane	3.7	D	2.5	0.72	ug/m3			03/14/22 20:05	2.99
Trichloroethene	0.60	U	0.60	0.39	ug/m3			03/14/22 20:05	2.99
Methyl methacrylate	6.1	U	6.1	2.0	ug/m3			03/14/22 20:05	2.99

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-02_20220308

Lab Sample ID: 200-62493-2

Date Collected: 03/08/22 12:28

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	2.8	U	2.8	1.2	ug/m3			03/14/22 20:05	2.99
1,4-Dioxane	54	U	54	18	ug/m3			03/14/22 20:05	2.99
Bromodichloromethane	4.0	U	4.0	0.80	ug/m3			03/14/22 20:05	2.99
cis-1,3-Dichloropropene	2.7	U	2.7	0.27	ug/m3			03/14/22 20:05	2.99
4-Methyl-2-pentanone (Methyl isobutyl ketone)	7.9	D	6.1	2.3	ug/m3			03/14/22 20:05	2.99
Toluene	23	D	2.3	1.0	ug/m3			03/14/22 20:05	2.99
trans-1,3-Dichloropropene	2.7	U	2.7	1.2	ug/m3			03/14/22 20:05	2.99
1,1,2-Trichloroethane	3.3	U	3.3	0.55	ug/m3			03/14/22 20:05	2.99
Tetrachloroethene	6.0	D	4.1	0.55	ug/m3			03/14/22 20:05	2.99
Methyl Butyl Ketone (2-Hexanone)	6.1	U	6.1	2.5	ug/m3			03/14/22 20:05	2.99
Dibromochloromethane	5.1	U	5.1	0.79	ug/m3			03/14/22 20:05	2.99
1,2-Dibromoethane	4.6	U	4.6	1.1	ug/m3			03/14/22 20:05	2.99
Chlorobenzene	2.8	U	2.8	0.59	ug/m3			03/14/22 20:05	2.99
Ethylbenzene	1.8	J D	2.6	1.3	ug/m3			03/14/22 20:05	2.99
m,p-Xylene	7.0	D	6.5	2.2	ug/m3			03/14/22 20:05	2.99
o-Xylene	2.3	J D	2.6	1.2	ug/m3			03/14/22 20:05	2.99
Styrene	2.5	U	2.5	0.41	ug/m3			03/14/22 20:05	2.99
Bromoform	6.2	U	6.2	1.8	ug/m3			03/14/22 20:05	2.99
Cumene	2.9	U	2.9	0.54	ug/m3			03/14/22 20:05	2.99
1,1,2,2-Tetrachloroethane	4.1	U	4.1	0.88	ug/m3			03/14/22 20:05	2.99
n-Propylbenzene	2.9	U	2.9	0.69	ug/m3			03/14/22 20:05	2.99
4-Ethyltoluene	0.79	J D	2.9	0.75	ug/m3			03/14/22 20:05	2.99
1,3,5-Trimethylbenzene	2.9	U	2.9	0.65	ug/m3			03/14/22 20:05	2.99
2-Chlorotoluene	3.1	U	3.1	0.74	ug/m3			03/14/22 20:05	2.99
tert-Butylbenzene	3.3	U	3.3	0.61	ug/m3			03/14/22 20:05	2.99
1,2,4-Trimethylbenzene	3.0	D	2.9	0.69	ug/m3			03/14/22 20:05	2.99
sec-Butylbenzene	3.3	U	3.3	0.64	ug/m3			03/14/22 20:05	2.99
4-Isopropyltoluene	59	D	3.3	0.64	ug/m3			03/14/22 20:05	2.99
1,3-Dichlorobenzene	3.6	U	3.6	1.6	ug/m3			03/14/22 20:05	2.99
1,4-Dichlorobenzene	3.6	U	3.6	1.7	ug/m3			03/14/22 20:05	2.99
Benzyl chloride	3.1	U	3.1	1.1	ug/m3			03/14/22 20:05	2.99
n-Butylbenzene	3.3	U	3.3	0.90	ug/m3			03/14/22 20:05	2.99
1,2-Dichlorobenzene	3.6	U	3.6	1.3	ug/m3			03/14/22 20:05	2.99
1,2,4-Trichlorobenzene	11	U	11	4.2	ug/m3			03/14/22 20:05	2.99
Hexachlorobutadiene	6.4	U	6.4	0.99	ug/m3			03/14/22 20:05	2.99
Naphthalene	7.8	U	7.8	2.7	ug/m3			03/14/22 20:05	2.99
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.52	J D	1.5	0.33	ppb v/v			03/14/22 20:05	2.99
Chlorodifluoromethane	1.5	U	1.5	0.33	ppb v/v			03/14/22 20:05	2.99
1,2-Dichlorotetrafluoroethane	0.60	U	0.60	0.16	ppb v/v			03/14/22 20:05	2.99
Chloromethane	0.47	J D	1.5	0.36	ppb v/v			03/14/22 20:05	2.99
n-Butane	2.1	D	1.5	0.57	ppb v/v			03/14/22 20:05	2.99
Vinyl chloride	0.23	U	0.23	0.084	ppb v/v			03/14/22 20:05	2.99
1,3-Butadiene	1.1	D	0.60	0.11	ppb v/v			03/14/22 20:05	2.99
Bromomethane	0.60	U	0.60	0.16	ppb v/v			03/14/22 20:05	2.99
Chloroethane	1.5	U	1.5	0.75	ppb v/v			03/14/22 20:05	2.99
Bromoethene(Vinyl Bromide)	0.60	U	0.60	0.25	ppb v/v			03/14/22 20:05	2.99

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-02_20220308

Lab Sample ID: 200-62493-2

Date Collected: 03/08/22 12:28

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	1.9	D	0.60	0.16	ppb v/v			03/14/22 20:05	2.99
1,1,2-Trichlorotrifluoroethane	0.60	U	0.60	0.16	ppb v/v			03/14/22 20:05	2.99
1,1-Dichloroethene	0.15	U	0.15	0.087	ppb v/v			03/14/22 20:05	2.99
Acetone	76	D	15	6.0	ppb v/v			03/14/22 20:05	2.99
Isopropyl alcohol	3.2	J D	15	2.9	ppb v/v			03/14/22 20:05	2.99
Carbon disulfide	1.5	U	1.5	0.39	ppb v/v			03/14/22 20:05	2.99
3-Chloropropene	1.5	U	1.5	0.33	ppb v/v			03/14/22 20:05	2.99
Methylene Chloride	1.5	U	1.5	0.51	ppb v/v			03/14/22 20:05	2.99
tert-Butyl alcohol	15	U	15	3.6	ppb v/v			03/14/22 20:05	2.99
Methyl tert-butyl ether	0.60	U	0.60	0.24	ppb v/v			03/14/22 20:05	2.99
trans-1,2-Dichloroethene	0.60	U	0.60	0.26	ppb v/v			03/14/22 20:05	2.99
n-Hexane	3.8	D	1.5	0.69	ppb v/v			03/14/22 20:05	2.99
1,1-Dichloroethane	0.60	U	0.60	0.087	ppb v/v			03/14/22 20:05	2.99
Methyl Ethyl Ketone (2-Butanone)	37	D	1.5	0.51	ppb v/v			03/14/22 20:05	2.99
cis-1,2-Dichloroethene	0.15	U	0.15	0.099	ppb v/v			03/14/22 20:05	2.99
Chloroform	1.7	D	0.60	0.14	ppb v/v			03/14/22 20:05	2.99
Tetrahydrofuran	3.7	J D	15	3.6	ppb v/v			03/14/22 20:05	2.99
1,1,1-Trichloroethane	0.60	U	0.60	0.12	ppb v/v			03/14/22 20:05	2.99
Cyclohexane	0.60	U	0.60	0.10	ppb v/v			03/14/22 20:05	2.99
Carbon tetrachloride	0.10	U	0.10	0.096	ppb v/v			03/14/22 20:05	2.99
2,2,4-Trimethylpentane	0.21	J D	0.60	0.10	ppb v/v			03/14/22 20:05	2.99
Benzene	0.49	J D	0.60	0.22	ppb v/v			03/14/22 20:05	2.99
1,2-Dichloroethane	0.60	U	0.60	0.45	ppb v/v			03/14/22 20:05	2.99
n-Heptane	0.90	D	0.60	0.18	ppb v/v			03/14/22 20:05	2.99
Trichloroethene	0.11	U	0.11	0.072	ppb v/v			03/14/22 20:05	2.99
Methyl methacrylate	1.5	U	1.5	0.48	ppb v/v			03/14/22 20:05	2.99
1,2-Dichloropropane	0.60	U	0.60	0.26	ppb v/v			03/14/22 20:05	2.99
1,4-Dioxane	15	U	15	5.1	ppb v/v			03/14/22 20:05	2.99
Bromodichloromethane	0.60	U	0.60	0.12	ppb v/v			03/14/22 20:05	2.99
cis-1,3-Dichloropropene	0.60	U	0.60	0.060	ppb v/v			03/14/22 20:05	2.99
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.9	D	1.5	0.57	ppb v/v			03/14/22 20:05	2.99
Toluene	6.0	D	0.60	0.28	ppb v/v			03/14/22 20:05	2.99
trans-1,3-Dichloropropene	0.60	U	0.60	0.27	ppb v/v			03/14/22 20:05	2.99
1,1,2-Trichloroethane	0.60	U	0.60	0.10	ppb v/v			03/14/22 20:05	2.99
Tetrachloroethene	0.89	D	0.60	0.081	ppb v/v			03/14/22 20:05	2.99
Methyl Butyl Ketone (2-Hexanone)	1.5	U	1.5	0.60	ppb v/v			03/14/22 20:05	2.99
Dibromochloromethane	0.60	U	0.60	0.093	ppb v/v			03/14/22 20:05	2.99
1,2-Dibromoethane	0.60	U	0.60	0.14	ppb v/v			03/14/22 20:05	2.99
Chlorobenzene	0.60	U	0.60	0.13	ppb v/v			03/14/22 20:05	2.99
Ethylbenzene	0.41	J D	0.60	0.30	ppb v/v			03/14/22 20:05	2.99
m,p-Xylene	1.6	D	1.5	0.51	ppb v/v			03/14/22 20:05	2.99
o-Xylene	0.54	J D	0.60	0.28	ppb v/v			03/14/22 20:05	2.99
Styrene	0.60	U	0.60	0.096	ppb v/v			03/14/22 20:05	2.99
Bromoform	0.60	U	0.60	0.17	ppb v/v			03/14/22 20:05	2.99
Cumene	0.60	U	0.60	0.11	ppb v/v			03/14/22 20:05	2.99
1,1,2,2-Tetrachloroethane	0.60	U	0.60	0.13	ppb v/v			03/14/22 20:05	2.99
n-Propylbenzene	0.60	U	0.60	0.14	ppb v/v			03/14/22 20:05	2.99
4-Ethyltoluene	0.16	J D	0.60	0.15	ppb v/v			03/14/22 20:05	2.99

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-02_20220308

Lab Sample ID: 200-62493-2

Date Collected: 03/08/22 12:28

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	0.60	U	0.60	0.13	ppb v/v			03/14/22 20:05	2.99
2-Chlorotoluene	0.60	U	0.60	0.14	ppb v/v			03/14/22 20:05	2.99
tert-Butylbenzene	0.60	U	0.60	0.11	ppb v/v			03/14/22 20:05	2.99
1,2,4-Trimethylbenzene	0.61	D	0.60	0.14	ppb v/v			03/14/22 20:05	2.99
sec-Butylbenzene	0.60	U	0.60	0.12	ppb v/v			03/14/22 20:05	2.99
4-Isopropyltoluene	11	D	0.60	0.12	ppb v/v			03/14/22 20:05	2.99
1,3-Dichlorobenzene	0.60	U	0.60	0.27	ppb v/v			03/14/22 20:05	2.99
1,4-Dichlorobenzene	0.60	U	0.60	0.28	ppb v/v			03/14/22 20:05	2.99
Benzyl chloride	0.60	U	0.60	0.22	ppb v/v			03/14/22 20:05	2.99
n-Butylbenzene	0.60	U	0.60	0.16	ppb v/v			03/14/22 20:05	2.99
1,2-Dichlorobenzene	0.60	U	0.60	0.21	ppb v/v			03/14/22 20:05	2.99
1,2,4-Trichlorobenzene	1.5	U	1.5	0.57	ppb v/v			03/14/22 20:05	2.99
Hexachlorobutadiene	0.60	U	0.60	0.093	ppb v/v			03/14/22 20:05	2.99
Naphthalene	1.5	U	1.5	0.51	ppb v/v			03/14/22 20:05	2.99

Client Sample ID: SV-03_20220308

Lab Sample ID: 200-62493-3

Date Collected: 03/08/22 12:30

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3			03/14/22 20:58	1
Chlorodifluoromethane	0.93	J	1.8	0.39	ug/m3			03/14/22 20:58	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.38	ug/m3			03/14/22 20:58	1
Chloromethane	1.0	U	1.0	0.25	ug/m3			03/14/22 20:58	1
n-Butane	1.2	U	1.2	0.45	ug/m3			03/14/22 20:58	1
Vinyl chloride	0.20	U	0.20	0.072	ug/m3			03/14/22 20:58	1
1,3-Butadiene	0.44	U	0.44	0.084	ug/m3			03/14/22 20:58	1
Bromomethane	0.78	U	0.78	0.20	ug/m3			03/14/22 20:58	1
Chloroethane	1.3	U	1.3	0.66	ug/m3			03/14/22 20:58	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.37	ug/m3			03/14/22 20:58	1
Trichlorofluoromethane	1.1		1.1	0.29	ug/m3			03/14/22 20:58	1
1,1,2-Trichlorotrifluoroethane	0.46	J	1.5	0.42	ug/m3			03/14/22 20:58	1
1,1-Dichloroethene	0.20	U	0.20	0.11	ug/m3			03/14/22 20:58	1
Acetone	83		12	4.8	ug/m3			03/14/22 20:58	1
Isopropyl alcohol	3.8	J	12	2.4	ug/m3			03/14/22 20:58	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/14/22 20:58	1
3-Chloropropene	1.6	U	1.6	0.34	ug/m3			03/14/22 20:58	1
Methylene Chloride	1.7	U	1.7	0.59	ug/m3			03/14/22 20:58	1
tert-Butyl alcohol	4.0	J	15	3.6	ug/m3			03/14/22 20:58	1
Methyl tert-butyl ether	0.72	U	0.72	0.29	ug/m3			03/14/22 20:58	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.35	ug/m3			03/14/22 20:58	1
n-Hexane	9.1		1.8	0.81	ug/m3			03/14/22 20:58	1
1,1-Dichloroethane	0.81	U	0.81	0.12	ug/m3			03/14/22 20:58	1
Methyl Ethyl Ketone (2-Butanone)	89		1.5	0.50	ug/m3			03/14/22 20:58	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			03/14/22 20:58	1
Chloroform	0.23	J	0.98	0.22	ug/m3			03/14/22 20:58	1
Tetrahydrofuran	7.1	J	15	3.5	ug/m3			03/14/22 20:58	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-03_20220308

Lab Sample ID: 200-62493-3

Date Collected: 03/08/22 12:30

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	U	1.1	0.21	ug/m3			03/14/22 20:58	1
Cyclohexane	0.12	J	0.69	0.12	ug/m3			03/14/22 20:58	1
Carbon tetrachloride	0.32		0.22	0.20	ug/m3			03/14/22 20:58	1
2,2,4-Trimethylpentane	0.77	J	0.93	0.16	ug/m3			03/14/22 20:58	1
Benzene	0.37	J	0.64	0.24	ug/m3			03/14/22 20:58	1
1,2-Dichloroethane	0.81	U	0.81	0.61	ug/m3			03/14/22 20:58	1
n-Heptane	1.8		0.82	0.24	ug/m3			03/14/22 20:58	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/14/22 20:58	1
Methyl methacrylate	2.0	U	2.0	0.66	ug/m3			03/14/22 20:58	1
1,2-Dichloropropane	0.92	U	0.92	0.40	ug/m3			03/14/22 20:58	1
1,4-Dioxane	18	U	18	6.1	ug/m3			03/14/22 20:58	1
Bromodichloromethane	1.3	U	1.3	0.27	ug/m3			03/14/22 20:58	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.091	ug/m3			03/14/22 20:58	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.78	ug/m3			03/14/22 20:58	1
Toluene	12		0.75	0.35	ug/m3			03/14/22 20:58	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.40	ug/m3			03/14/22 20:58	1
1,1,2-Trichloroethane	1.1	U	1.1	0.19	ug/m3			03/14/22 20:58	1
Tetrachloroethene	0.67	J	1.4	0.18	ug/m3			03/14/22 20:58	1
Methyl Butyl Ketone (2-Hexanone)	4.3		2.0	0.82	ug/m3			03/14/22 20:58	1
Dibromochloromethane	1.7	U	1.7	0.26	ug/m3			03/14/22 20:58	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			03/14/22 20:58	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/14/22 20:58	1
Ethylbenzene	1.0		0.87	0.43	ug/m3			03/14/22 20:58	1
m,p-Xylene	4.3		2.2	0.74	ug/m3			03/14/22 20:58	1
o-Xylene	1.5		0.87	0.41	ug/m3			03/14/22 20:58	1
Styrene	0.29	J	0.85	0.14	ug/m3			03/14/22 20:58	1
Bromoform	2.1	U	2.1	0.60	ug/m3			03/14/22 20:58	1
Cumene	0.98	U	0.98	0.18	ug/m3			03/14/22 20:58	1
1,1,1,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/14/22 20:58	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/14/22 20:58	1
4-Ethyltoluene	0.61	J	0.98	0.25	ug/m3			03/14/22 20:58	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.22	ug/m3			03/14/22 20:58	1
2-Chlorotoluene	1.0	U	1.0	0.25	ug/m3			03/14/22 20:58	1
tert-Butylbenzene	1.1	U	1.1	0.20	ug/m3			03/14/22 20:58	1
1,2,4-Trimethylbenzene	2.5		0.98	0.23	ug/m3			03/14/22 20:58	1
sec-Butylbenzene	1.1	U	1.1	0.21	ug/m3			03/14/22 20:58	1
4-Isopropyltoluene	39		1.1	0.21	ug/m3			03/14/22 20:58	1
1,3-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/14/22 20:58	1
1,4-Dichlorobenzene	1.2	U	1.2	0.57	ug/m3			03/14/22 20:58	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			03/14/22 20:58	1
n-Butylbenzene	1.1	U	1.1	0.30	ug/m3			03/14/22 20:58	1
1,2-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			03/14/22 20:58	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.4	ug/m3			03/14/22 20:58	1
Hexachlorobutadiene	2.1	U	2.1	0.33	ug/m3			03/14/22 20:58	1
Naphthalene	2.6	U	2.6	0.89	ug/m3			03/14/22 20:58	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.45	J	0.50	0.11	ppb v/v			03/14/22 20:58	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-03_20220308

Lab Sample ID: 200-62493-3

Date Collected: 03/08/22 12:30

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodifluoromethane	0.26	J	0.50	0.11	ppb v/v			03/14/22 20:58	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.055	ppb v/v			03/14/22 20:58	1
Chloromethane	0.50	U	0.50	0.12	ppb v/v			03/14/22 20:58	1
n-Butane	0.50	U	0.50	0.19	ppb v/v			03/14/22 20:58	1
Vinyl chloride	0.078	U	0.078	0.028	ppb v/v			03/14/22 20:58	1
1,3-Butadiene	0.20	U	0.20	0.038	ppb v/v			03/14/22 20:58	1
Bromomethane	0.20	U	0.20	0.052	ppb v/v			03/14/22 20:58	1
Chloroethane	0.50	U	0.50	0.25	ppb v/v			03/14/22 20:58	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.085	ppb v/v			03/14/22 20:58	1
Trichlorofluoromethane	0.20		0.20	0.052	ppb v/v			03/14/22 20:58	1
1,1,2-Trichlorotrifluoroethane	0.059	J	0.20	0.055	ppb v/v			03/14/22 20:58	1
1,1-Dichloroethene	0.050	U	0.050	0.029	ppb v/v			03/14/22 20:58	1
Acetone	35		5.0	2.0	ppb v/v			03/14/22 20:58	1
Isopropyl alcohol	1.5	J	5.0	0.98	ppb v/v			03/14/22 20:58	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/14/22 20:58	1
3-Chloropropene	0.50	U	0.50	0.11	ppb v/v			03/14/22 20:58	1
Methylene Chloride	0.50	U	0.50	0.17	ppb v/v			03/14/22 20:58	1
tert-Butyl alcohol	1.3	J	5.0	1.2	ppb v/v			03/14/22 20:58	1
Methyl tert-butyl ether	0.20	U	0.20	0.080	ppb v/v			03/14/22 20:58	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.088	ppb v/v			03/14/22 20:58	1
n-Hexane	2.6		0.50	0.23	ppb v/v			03/14/22 20:58	1
1,1-Dichloroethane	0.20	U	0.20	0.029	ppb v/v			03/14/22 20:58	1
Methyl Ethyl Ketone (2-Butanone)	30		0.50	0.17	ppb v/v			03/14/22 20:58	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.033	ppb v/v			03/14/22 20:58	1
Chloroform	0.047	J	0.20	0.046	ppb v/v			03/14/22 20:58	1
Tetrahydrofuran	2.4	J	5.0	1.2	ppb v/v			03/14/22 20:58	1
1,1,1-Trichloroethane	0.20	U	0.20	0.039	ppb v/v			03/14/22 20:58	1
Cyclohexane	0.035	J	0.20	0.035	ppb v/v			03/14/22 20:58	1
Carbon tetrachloride	0.050		0.035	0.032	ppb v/v			03/14/22 20:58	1
2,2,4-Trimethylpentane	0.17	J	0.20	0.035	ppb v/v			03/14/22 20:58	1
Benzene	0.12	J	0.20	0.074	ppb v/v			03/14/22 20:58	1
1,2-Dichloroethane	0.20	U	0.20	0.15	ppb v/v			03/14/22 20:58	1
n-Heptane	0.45		0.20	0.059	ppb v/v			03/14/22 20:58	1
Trichloroethene	0.037	U	0.037	0.024	ppb v/v			03/14/22 20:58	1
Methyl methacrylate	0.50	U	0.50	0.16	ppb v/v			03/14/22 20:58	1
1,2-Dichloropropane	0.20	U	0.20	0.087	ppb v/v			03/14/22 20:58	1
1,4-Dioxane	5.0	U	5.0	1.7	ppb v/v			03/14/22 20:58	1
Bromodichloromethane	0.20	U	0.20	0.040	ppb v/v			03/14/22 20:58	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.020	ppb v/v			03/14/22 20:58	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.19	ppb v/v			03/14/22 20:58	1
Toluene	3.1		0.20	0.093	ppb v/v			03/14/22 20:58	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.089	ppb v/v			03/14/22 20:58	1
1,1,2-Trichloroethane	0.20	U	0.20	0.034	ppb v/v			03/14/22 20:58	1
Tetrachloroethene	0.098	J	0.20	0.027	ppb v/v			03/14/22 20:58	1
Methyl Butyl Ketone (2-Hexanone)	1.0		0.50	0.20	ppb v/v			03/14/22 20:58	1
Dibromochloromethane	0.20	U	0.20	0.031	ppb v/v			03/14/22 20:58	1
1,2-Dibromoethane	0.20	U	0.20	0.046	ppb v/v			03/14/22 20:58	1
Chlorobenzene	0.20	U	0.20	0.043	ppb v/v			03/14/22 20:58	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-03_20220308

Lab Sample ID: 200-62493-3

Date Collected: 03/08/22 12:30

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.23		0.20	0.10	ppb v/v			03/14/22 20:58	1
m,p-Xylene	0.99		0.50	0.17	ppb v/v			03/14/22 20:58	1
o-Xylene	0.35		0.20	0.094	ppb v/v			03/14/22 20:58	1
Styrene	0.068	J	0.20	0.032	ppb v/v			03/14/22 20:58	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			03/14/22 20:58	1
Cumene	0.20	U	0.20	0.037	ppb v/v			03/14/22 20:58	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/14/22 20:58	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/14/22 20:58	1
4-Ethyltoluene	0.12	J	0.20	0.051	ppb v/v			03/14/22 20:58	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.044	ppb v/v			03/14/22 20:58	1
2-Chlorotoluene	0.20	U	0.20	0.048	ppb v/v			03/14/22 20:58	1
tert-Butylbenzene	0.20	U	0.20	0.037	ppb v/v			03/14/22 20:58	1
1,2,4-Trimethylbenzene	0.51		0.20	0.047	ppb v/v			03/14/22 20:58	1
sec-Butylbenzene	0.20	U	0.20	0.039	ppb v/v			03/14/22 20:58	1
4-Isopropyltoluene	7.1		0.20	0.039	ppb v/v			03/14/22 20:58	1
1,3-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/14/22 20:58	1
1,4-Dichlorobenzene	0.20	U	0.20	0.095	ppb v/v			03/14/22 20:58	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			03/14/22 20:58	1
n-Butylbenzene	0.20	U	0.20	0.055	ppb v/v			03/14/22 20:58	1
1,2-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			03/14/22 20:58	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.19	ppb v/v			03/14/22 20:58	1
Hexachlorobutadiene	0.20	U	0.20	0.031	ppb v/v			03/14/22 20:58	1
Naphthalene	0.50	U	0.50	0.17	ppb v/v			03/14/22 20:58	1

Client Sample ID: SV-04_20220308

Lab Sample ID: 200-62493-4

Date Collected: 03/08/22 12:02

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.0	J	6.2	1.4	ug/m3			03/14/22 21:51	2.5
Chlorodifluoromethane	2.3	J	4.4	0.97	ug/m3			03/14/22 21:51	2.5
1,2-Dichlorotetrafluoroethane	3.5	U	3.5	0.96	ug/m3			03/14/22 21:51	2.5
Chloromethane	1.6	J	2.6	0.62	ug/m3			03/14/22 21:51	2.5
n-Butane	3.0	U	3.0	1.1	ug/m3			03/14/22 21:51	2.5
Vinyl chloride	0.50	U	0.50	0.18	ug/m3			03/14/22 21:51	2.5
1,3-Butadiene	0.69	J	1.1	0.21	ug/m3			03/14/22 21:51	2.5
Bromomethane	1.9	U	1.9	0.50	ug/m3			03/14/22 21:51	2.5
Chloroethane	3.3	U	3.3	1.6	ug/m3			03/14/22 21:51	2.5
Bromoethene(Vinyl Bromide)	2.2	U	2.2	0.93	ug/m3			03/14/22 21:51	2.5
Trichlorofluoromethane	2.8		2.8	0.73	ug/m3			03/14/22 21:51	2.5
1,1,2-Trichlorotrifluoroethane	3.8	U	3.8	1.1	ug/m3			03/14/22 21:51	2.5
1,1-Dichloroethene	0.50	U	0.50	0.29	ug/m3			03/14/22 21:51	2.5
Acetone	450	E	30	12	ug/m3			03/14/22 21:51	2.5
Isopropyl alcohol	31	U	31	6.0	ug/m3			03/14/22 21:51	2.5
Carbon disulfide	3.3	J	3.9	1.0	ug/m3			03/14/22 21:51	2.5
3-Chloropropene	3.9	U	3.9	0.86	ug/m3			03/14/22 21:51	2.5
Methylene Chloride	1.6	J	4.3	1.5	ug/m3			03/14/22 21:51	2.5

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-04_20220308

Lab Sample ID: 200-62493-4

Date Collected: 03/08/22 12:02

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol	10	J	38	9.1	ug/m3			03/14/22 21:51	2.5
Methyl tert-butyl ether	1.8	U	1.8	0.72	ug/m3			03/14/22 21:51	2.5
trans-1,2-Dichloroethene	2.0	U	2.0	0.87	ug/m3			03/14/22 21:51	2.5
n-Hexane	28		4.4	2.0	ug/m3			03/14/22 21:51	2.5
1,1-Dichloroethane	2.0	U	2.0	0.29	ug/m3			03/14/22 21:51	2.5
Methyl Ethyl Ketone (2-Butanone)	660	E	3.7	1.3	ug/m3			03/14/22 21:51	2.5
cis-1,2-Dichloroethene	0.50	U	0.50	0.33	ug/m3			03/14/22 21:51	2.5
Chloroform	4.4		2.4	0.56	ug/m3			03/14/22 21:51	2.5
Tetrahydrofuran	21	J	37	8.8	ug/m3			03/14/22 21:51	2.5
1,1,1-Trichloroethane	2.7	U	2.7	0.53	ug/m3			03/14/22 21:51	2.5
Cyclohexane	2.2		1.7	0.30	ug/m3			03/14/22 21:51	2.5
Carbon tetrachloride	0.81		0.55	0.50	ug/m3			03/14/22 21:51	2.5
2,2,4-Trimethylpentane	2.6		2.3	0.41	ug/m3			03/14/22 21:51	2.5
Benzene	1.4	J	1.6	0.59	ug/m3			03/14/22 21:51	2.5
1,2-Dichloroethane	2.0	U	2.0	1.5	ug/m3			03/14/22 21:51	2.5
n-Heptane	7.3		2.0	0.60	ug/m3			03/14/22 21:51	2.5
Trichloroethene	0.57		0.50	0.32	ug/m3			03/14/22 21:51	2.5
Methyl methacrylate	5.1	U	5.1	1.6	ug/m3			03/14/22 21:51	2.5
1,2-Dichloropropane	2.3	U	2.3	1.0	ug/m3			03/14/22 21:51	2.5
1,4-Dioxane	45	U	45	15	ug/m3			03/14/22 21:51	2.5
Bromodichloromethane	3.4	U	3.4	0.67	ug/m3			03/14/22 21:51	2.5
cis-1,3-Dichloropropene	2.3	U	2.3	0.23	ug/m3			03/14/22 21:51	2.5
4-Methyl-2-pentanone (Methyl isobutyl ketone)	5.1	U	5.1	1.9	ug/m3			03/14/22 21:51	2.5
Toluene	56		1.9	0.88	ug/m3			03/14/22 21:51	2.5
trans-1,3-Dichloropropene	2.3	U	2.3	1.0	ug/m3			03/14/22 21:51	2.5
1,1,2-Trichloroethane	2.7	U	2.7	0.46	ug/m3			03/14/22 21:51	2.5
Tetrachloroethene	13		3.4	0.46	ug/m3			03/14/22 21:51	2.5
Methyl Butyl Ketone (2-Hexanone)	81		5.1	2.0	ug/m3			03/14/22 21:51	2.5
Dibromochloromethane	4.3	U	4.3	0.66	ug/m3			03/14/22 21:51	2.5
1,2-Dibromoethane	3.8	U	3.8	0.88	ug/m3			03/14/22 21:51	2.5
Chlorobenzene	2.3	U	2.3	0.49	ug/m3			03/14/22 21:51	2.5
Ethylbenzene	3.4		2.2	1.1	ug/m3			03/14/22 21:51	2.5
m,p-Xylene	15		5.4	1.8	ug/m3			03/14/22 21:51	2.5
o-Xylene	3.8		2.2	1.0	ug/m3			03/14/22 21:51	2.5
Styrene	2.1	U	2.1	0.34	ug/m3			03/14/22 21:51	2.5
Bromoform	5.2	U	5.2	1.5	ug/m3			03/14/22 21:51	2.5
Cumene	2.5	U	2.5	0.45	ug/m3			03/14/22 21:51	2.5
1,1,2,2-Tetrachloroethane	3.4	U	3.4	0.74	ug/m3			03/14/22 21:51	2.5
n-Propylbenzene	2.5	U	2.5	0.58	ug/m3			03/14/22 21:51	2.5
4-Ethyltoluene	2.5	U	2.5	0.63	ug/m3			03/14/22 21:51	2.5
1,3,5-Trimethylbenzene	2.5	U	2.5	0.54	ug/m3			03/14/22 21:51	2.5
2-Chlorotoluene	2.6	U	2.6	0.62	ug/m3			03/14/22 21:51	2.5
tert-Butylbenzene	2.7	U	2.7	0.51	ug/m3			03/14/22 21:51	2.5
1,2,4-Trimethylbenzene	6.3		2.5	0.58	ug/m3			03/14/22 21:51	2.5
sec-Butylbenzene	2.7	U	2.7	0.54	ug/m3			03/14/22 21:51	2.5
4-Isopropyltoluene	2.7	U	2.7	0.54	ug/m3			03/14/22 21:51	2.5
1,3-Dichlorobenzene	3.0	U	3.0	1.3	ug/m3			03/14/22 21:51	2.5
1,4-Dichlorobenzene	3.0	U	3.0	1.4	ug/m3			03/14/22 21:51	2.5

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-04_20220308

Lab Sample ID: 200-62493-4

Date Collected: 03/08/22 12:02

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	2.6	U	2.6	0.96	ug/m3			03/14/22 21:51	2.5
n-Butylbenzene	2.7	U	2.7	0.75	ug/m3			03/14/22 21:51	2.5
1,2-Dichlorobenzene	3.0	U	3.0	1.1	ug/m3			03/14/22 21:51	2.5
1,2,4-Trichlorobenzene	9.3	U	9.3	3.5	ug/m3			03/14/22 21:51	2.5
Hexachlorobutadiene	5.3	U	5.3	0.83	ug/m3			03/14/22 21:51	2.5
Naphthalene	6.6	U	6.6	2.2	ug/m3			03/14/22 21:51	2.5
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	J	1.3	0.28	ppb v/v			03/14/22 21:51	2.5
Chlorodifluoromethane	0.64	J	1.3	0.28	ppb v/v			03/14/22 21:51	2.5
1,2-Dichlorotetrafluoroethane	0.50	U	0.50	0.14	ppb v/v			03/14/22 21:51	2.5
Chloromethane	0.77	J	1.3	0.30	ppb v/v			03/14/22 21:51	2.5
n-Butane	1.3	U	1.3	0.48	ppb v/v			03/14/22 21:51	2.5
Vinyl chloride	0.20	U	0.20	0.070	ppb v/v			03/14/22 21:51	2.5
1,3-Butadiene	0.31	J	0.50	0.095	ppb v/v			03/14/22 21:51	2.5
Bromomethane	0.50	U	0.50	0.13	ppb v/v			03/14/22 21:51	2.5
Chloroethane	1.3	U	1.3	0.63	ppb v/v			03/14/22 21:51	2.5
Bromoethene(Vinyl Bromide)	0.50	U	0.50	0.21	ppb v/v			03/14/22 21:51	2.5
Trichlorofluoromethane	0.49		0.50	0.13	ppb v/v			03/14/22 21:51	2.5
1,1,2-Trichlorotrifluoroethane	0.50	U	0.50	0.14	ppb v/v			03/14/22 21:51	2.5
1,1-Dichloroethene	0.13	U	0.13	0.073	ppb v/v			03/14/22 21:51	2.5
Acetone	190	E	13	5.0	ppb v/v			03/14/22 21:51	2.5
Isopropyl alcohol	13	U	13	2.5	ppb v/v			03/14/22 21:51	2.5
Carbon disulfide	1.1	J	1.3	0.33	ppb v/v			03/14/22 21:51	2.5
3-Chloropropene	1.3	U	1.3	0.28	ppb v/v			03/14/22 21:51	2.5
Methylene Chloride	0.45	J	1.3	0.43	ppb v/v			03/14/22 21:51	2.5
tert-Butyl alcohol	3.3	J	13	3.0	ppb v/v			03/14/22 21:51	2.5
Methyl tert-butyl ether	0.50	U	0.50	0.20	ppb v/v			03/14/22 21:51	2.5
trans-1,2-Dichloroethene	0.50	U	0.50	0.22	ppb v/v			03/14/22 21:51	2.5
n-Hexane	8.0		1.3	0.58	ppb v/v			03/14/22 21:51	2.5
1,1-Dichloroethane	0.50	U	0.50	0.073	ppb v/v			03/14/22 21:51	2.5
Methyl Ethyl Ketone (2-Butanone)	220	E	1.3	0.43	ppb v/v			03/14/22 21:51	2.5
cis-1,2-Dichloroethene	0.13	U	0.13	0.083	ppb v/v			03/14/22 21:51	2.5
Chloroform	0.89		0.50	0.12	ppb v/v			03/14/22 21:51	2.5
Tetrahydrofuran	7.2	J	13	3.0	ppb v/v			03/14/22 21:51	2.5
1,1,1-Trichloroethane	0.50	U	0.50	0.098	ppb v/v			03/14/22 21:51	2.5
Cyclohexane	0.63		0.50	0.088	ppb v/v			03/14/22 21:51	2.5
Carbon tetrachloride	0.13		0.087	0.080	ppb v/v			03/14/22 21:51	2.5
2,2,4-Trimethylpentane	0.57		0.50	0.088	ppb v/v			03/14/22 21:51	2.5
Benzene	0.45	J	0.50	0.19	ppb v/v			03/14/22 21:51	2.5
1,2-Dichloroethane	0.50	U	0.50	0.38	ppb v/v			03/14/22 21:51	2.5
n-Heptane	1.8		0.50	0.15	ppb v/v			03/14/22 21:51	2.5
Trichloroethene	0.11		0.093	0.060	ppb v/v			03/14/22 21:51	2.5
Methyl methacrylate	1.3	U	1.3	0.40	ppb v/v			03/14/22 21:51	2.5
1,2-Dichloropropane	0.50	U	0.50	0.22	ppb v/v			03/14/22 21:51	2.5
1,4-Dioxane	13	U	13	4.3	ppb v/v			03/14/22 21:51	2.5
Bromodichloromethane	0.50	U	0.50	0.10	ppb v/v			03/14/22 21:51	2.5
cis-1,3-Dichloropropene	0.50	U	0.50	0.050	ppb v/v			03/14/22 21:51	2.5

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-04_20220308

Lab Sample ID: 200-62493-4

Date Collected: 03/08/22 12:02

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.3	U	1.3	0.48	ppb v/v			03/14/22 21:51	2.5
Toluene	15		0.50	0.23	ppb v/v			03/14/22 21:51	2.5
trans-1,3-Dichloropropene	0.50	U	0.50	0.22	ppb v/v			03/14/22 21:51	2.5
1,1,2-Trichloroethane	0.50	U	0.50	0.085	ppb v/v			03/14/22 21:51	2.5
Tetrachloroethene	1.9		0.50	0.068	ppb v/v			03/14/22 21:51	2.5
Methyl Butyl Ketone (2-Hexanone)	20		1.3	0.50	ppb v/v			03/14/22 21:51	2.5
Dibromochloromethane	0.50	U	0.50	0.078	ppb v/v			03/14/22 21:51	2.5
1,2-Dibromoethane	0.50	U	0.50	0.12	ppb v/v			03/14/22 21:51	2.5
Chlorobenzene	0.50	U	0.50	0.11	ppb v/v			03/14/22 21:51	2.5
Ethylbenzene	0.78		0.50	0.25	ppb v/v			03/14/22 21:51	2.5
m,p-Xylene	3.4		1.3	0.43	ppb v/v			03/14/22 21:51	2.5
o-Xylene	0.87		0.50	0.24	ppb v/v			03/14/22 21:51	2.5
Styrene	0.50	U	0.50	0.080	ppb v/v			03/14/22 21:51	2.5
Bromoform	0.50	U	0.50	0.15	ppb v/v			03/14/22 21:51	2.5
Cumene	0.50	U	0.50	0.093	ppb v/v			03/14/22 21:51	2.5
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.11	ppb v/v			03/14/22 21:51	2.5
n-Propylbenzene	0.50	U	0.50	0.12	ppb v/v			03/14/22 21:51	2.5
4-Ethyltoluene	0.50	U	0.50	0.13	ppb v/v			03/14/22 21:51	2.5
1,3,5-Trimethylbenzene	0.50	U	0.50	0.11	ppb v/v			03/14/22 21:51	2.5
2-Chlorotoluene	0.50	U	0.50	0.12	ppb v/v			03/14/22 21:51	2.5
tert-Butylbenzene	0.50	U	0.50	0.093	ppb v/v			03/14/22 21:51	2.5
1,2,4-Trimethylbenzene	1.3		0.50	0.12	ppb v/v			03/14/22 21:51	2.5
sec-Butylbenzene	0.50	U	0.50	0.098	ppb v/v			03/14/22 21:51	2.5
4-Isopropyltoluene	0.50	U	0.50	0.098	ppb v/v			03/14/22 21:51	2.5
1,3-Dichlorobenzene	0.50	U	0.50	0.22	ppb v/v			03/14/22 21:51	2.5
1,4-Dichlorobenzene	0.50	U	0.50	0.24	ppb v/v			03/14/22 21:51	2.5
Benzyl chloride	0.50	U	0.50	0.19	ppb v/v			03/14/22 21:51	2.5
n-Butylbenzene	0.50	U	0.50	0.14	ppb v/v			03/14/22 21:51	2.5
1,2-Dichlorobenzene	0.50	U	0.50	0.18	ppb v/v			03/14/22 21:51	2.5
1,2,4-Trichlorobenzene	1.3	U	1.3	0.48	ppb v/v			03/14/22 21:51	2.5
Hexachlorobutadiene	0.50	U	0.50	0.078	ppb v/v			03/14/22 21:51	2.5
Naphthalene	1.3	U	1.3	0.43	ppb v/v			03/14/22 21:51	2.5

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	25	U	25	5.4	ug/m3			03/15/22 12:53	10
Chlorodifluoromethane	18	U	18	3.9	ug/m3			03/15/22 12:53	10
1,2-Dichlorotetrafluoroethane	14	U	14	3.8	ug/m3			03/15/22 12:53	10
Chloromethane	10	U	10	2.5	ug/m3			03/15/22 12:53	10
n-Butane	12	U	12	4.5	ug/m3			03/15/22 12:53	10
Vinyl chloride	2.0	U	2.0	0.72	ug/m3			03/15/22 12:53	10
1,3-Butadiene	4.4	U	4.4	0.84	ug/m3			03/15/22 12:53	10
Bromomethane	7.8	U	7.8	2.0	ug/m3			03/15/22 12:53	10
Chloroethane	13	U	13	6.6	ug/m3			03/15/22 12:53	10
Bromoethene(Vinyl Bromide)	8.7	U	8.7	3.7	ug/m3			03/15/22 12:53	10
Trichlorofluoromethane	11	U	11	2.9	ug/m3			03/15/22 12:53	10
1,1,2-Trichlorotrifluoroethane	15	U	15	4.2	ug/m3			03/15/22 12:53	10
1,1-Dichloroethene	2.0	U	2.0	1.1	ug/m3			03/15/22 12:53	10

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-04_20220308

Lab Sample ID: 200-62493-4

Date Collected: 03/08/22 12:02

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	170	D	120	48	ug/m3			03/15/22 12:53	10
Isopropyl alcohol	120	U	120	24	ug/m3			03/15/22 12:53	10
Carbon disulfide	16	U	16	4.0	ug/m3			03/15/22 12:53	10
3-Chloropropene	16	U	16	3.4	ug/m3			03/15/22 12:53	10
Methylene Chloride	17	U	17	5.9	ug/m3			03/15/22 12:53	10
tert-Butyl alcohol	150	U	150	36	ug/m3			03/15/22 12:53	10
Methyl tert-butyl ether	7.2	U	7.2	2.9	ug/m3			03/15/22 12:53	10
trans-1,2-Dichloroethene	7.9	U	7.9	3.5	ug/m3			03/15/22 12:53	10
n-Hexane	10	J D	18	8.1	ug/m3			03/15/22 12:53	10
1,1-Dichloroethane	8.1	U	8.1	1.2	ug/m3			03/15/22 12:53	10
Methyl Ethyl Ketone (2-Butanone)	230	D	15	5.0	ug/m3			03/15/22 12:53	10
cis-1,2-Dichloroethene	2.0	U	2.0	1.3	ug/m3			03/15/22 12:53	10
Chloroform	9.8	U	9.8	2.2	ug/m3			03/15/22 12:53	10
Tetrahydrofuran	150	U	150	35	ug/m3			03/15/22 12:53	10
1,1,1-Trichloroethane	11	U	11	2.1	ug/m3			03/15/22 12:53	10
Cyclohexane	6.9	U	6.9	1.2	ug/m3			03/15/22 12:53	10
Carbon tetrachloride	2.2	U	2.2	2.0	ug/m3			03/15/22 12:53	10
2,2,4-Trimethylpentane	9.3	U	9.3	1.6	ug/m3			03/15/22 12:53	10
Benzene	6.4	U	6.4	2.4	ug/m3			03/15/22 12:53	10
1,2-Dichloroethane	8.1	U	8.1	6.1	ug/m3			03/15/22 12:53	10
n-Heptane	8.2	U	8.2	2.4	ug/m3			03/15/22 12:53	10
Trichloroethene	2.0	U	2.0	1.3	ug/m3			03/15/22 12:53	10
Methyl methacrylate	20	U	20	6.6	ug/m3			03/15/22 12:53	10
1,2-Dichloropropane	9.2	U	9.2	4.0	ug/m3			03/15/22 12:53	10
1,4-Dioxane	180	U	180	61	ug/m3			03/15/22 12:53	10
Bromodichloromethane	13	U	13	2.7	ug/m3			03/15/22 12:53	10
cis-1,3-Dichloropropene	9.1	U	9.1	0.91	ug/m3			03/15/22 12:53	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	20	U	20	7.8	ug/m3			03/15/22 12:53	10
Toluene	19	D	7.5	3.5	ug/m3			03/15/22 12:53	10
trans-1,3-Dichloropropene	9.1	U	9.1	4.0	ug/m3			03/15/22 12:53	10
1,1,2-Trichloroethane	11	U	11	1.9	ug/m3			03/15/22 12:53	10
Tetrachloroethene	4.5	J D	14	1.8	ug/m3			03/15/22 12:53	10
Methyl Butyl Ketone (2-Hexanone)	23	D	20	8.2	ug/m3			03/15/22 12:53	10
Dibromochloromethane	17	U	17	2.6	ug/m3			03/15/22 12:53	10
1,2-Dibromoethane	15	U	15	3.5	ug/m3			03/15/22 12:53	10
Chlorobenzene	9.2	U	9.2	2.0	ug/m3			03/15/22 12:53	10
Ethylbenzene	8.7	U	8.7	4.3	ug/m3			03/15/22 12:53	10
m,p-Xylene	22	U	22	7.4	ug/m3			03/15/22 12:53	10
o-Xylene	8.7	U	8.7	4.1	ug/m3			03/15/22 12:53	10
Styrene	8.5	U	8.5	1.4	ug/m3			03/15/22 12:53	10
Bromoform	21	U	21	6.0	ug/m3			03/15/22 12:53	10
Cumene	9.8	U	9.8	1.8	ug/m3			03/15/22 12:53	10
1,1,2,2-Tetrachloroethane	14	U	14	3.0	ug/m3			03/15/22 12:53	10
n-Propylbenzene	9.8	U	9.8	2.3	ug/m3			03/15/22 12:53	10
4-Ethyltoluene	9.8	U	9.8	2.5	ug/m3			03/15/22 12:53	10
1,3,5-Trimethylbenzene	9.8	U	9.8	2.2	ug/m3			03/15/22 12:53	10
2-Chlorotoluene	10	U	10	2.5	ug/m3			03/15/22 12:53	10
tert-Butylbenzene	11	U	11	2.0	ug/m3			03/15/22 12:53	10

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-04_20220308

Lab Sample ID: 200-62493-4

Date Collected: 03/08/22 12:02

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	2.3	J D	9.8	2.3	ug/m3			03/15/22 12:53	10
sec-Butylbenzene	11	U	11	2.1	ug/m3			03/15/22 12:53	10
4-Isopropyltoluene	3.4	J D	11	2.1	ug/m3			03/15/22 12:53	10
1,3-Dichlorobenzene	12	U	12	5.4	ug/m3			03/15/22 12:53	10
1,4-Dichlorobenzene	12	U	12	5.7	ug/m3			03/15/22 12:53	10
Benzyl chloride	10	U	10	3.8	ug/m3			03/15/22 12:53	10
n-Butylbenzene	11	U	11	3.0	ug/m3			03/15/22 12:53	10
1,2-Dichlorobenzene	12	U	12	4.2	ug/m3			03/15/22 12:53	10
1,2,4-Trichlorobenzene	37	U	37	14	ug/m3			03/15/22 12:53	10
Hexachlorobutadiene	21	U	21	3.3	ug/m3			03/15/22 12:53	10
Naphthalene	26	U	26	8.9	ug/m3			03/15/22 12:53	10
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.0	U	5.0	1.1	ppb v/v			03/15/22 12:53	10
Chlorodifluoromethane	5.0	U	5.0	1.1	ppb v/v			03/15/22 12:53	10
1,2-Dichlorotetrafluoroethane	2.0	U	2.0	0.55	ppb v/v			03/15/22 12:53	10
Chloromethane	5.0	U	5.0	1.2	ppb v/v			03/15/22 12:53	10
n-Butane	5.0	U	5.0	1.9	ppb v/v			03/15/22 12:53	10
Vinyl chloride	0.78	U	0.78	0.28	ppb v/v			03/15/22 12:53	10
1,3-Butadiene	2.0	U	2.0	0.38	ppb v/v			03/15/22 12:53	10
Bromomethane	2.0	U	2.0	0.52	ppb v/v			03/15/22 12:53	10
Chloroethane	5.0	U	5.0	2.5	ppb v/v			03/15/22 12:53	10
Bromoethene(Vinyl Bromide)	2.0	U	2.0	0.85	ppb v/v			03/15/22 12:53	10
Trichlorofluoromethane	2.0	U	2.0	0.52	ppb v/v			03/15/22 12:53	10
1,1,2-Trichlorotrifluoroethane	2.0	U	2.0	0.55	ppb v/v			03/15/22 12:53	10
1,1-Dichloroethene	0.50	U	0.50	0.29	ppb v/v			03/15/22 12:53	10
Acetone	70	D	50	20	ppb v/v			03/15/22 12:53	10
Isopropyl alcohol	50	U	50	9.8	ppb v/v			03/15/22 12:53	10
Carbon disulfide	5.0	U	5.0	1.3	ppb v/v			03/15/22 12:53	10
3-Chloropropene	5.0	U	5.0	1.1	ppb v/v			03/15/22 12:53	10
Methylene Chloride	5.0	U	5.0	1.7	ppb v/v			03/15/22 12:53	10
tert-Butyl alcohol	50	U	50	12	ppb v/v			03/15/22 12:53	10
Methyl tert-butyl ether	2.0	U	2.0	0.80	ppb v/v			03/15/22 12:53	10
trans-1,2-Dichloroethene	2.0	U	2.0	0.88	ppb v/v			03/15/22 12:53	10
n-Hexane	2.9	J D	5.0	2.3	ppb v/v			03/15/22 12:53	10
1,1-Dichloroethane	2.0	U	2.0	0.29	ppb v/v			03/15/22 12:53	10
Methyl Ethyl Ketone (2-Butanone)	79	D	5.0	1.7	ppb v/v			03/15/22 12:53	10
cis-1,2-Dichloroethene	0.50	U	0.50	0.33	ppb v/v			03/15/22 12:53	10
Chloroform	2.0	U	2.0	0.46	ppb v/v			03/15/22 12:53	10
Tetrahydrofuran	50	U	50	12	ppb v/v			03/15/22 12:53	10
1,1,1-Trichloroethane	2.0	U	2.0	0.39	ppb v/v			03/15/22 12:53	10
Cyclohexane	2.0	U	2.0	0.35	ppb v/v			03/15/22 12:53	10
Carbon tetrachloride	0.35	U	0.35	0.32	ppb v/v			03/15/22 12:53	10
2,2,4-Trimethylpentane	2.0	U	2.0	0.35	ppb v/v			03/15/22 12:53	10
Benzene	2.0	U	2.0	0.74	ppb v/v			03/15/22 12:53	10
1,2-Dichloroethane	2.0	U	2.0	1.5	ppb v/v			03/15/22 12:53	10
n-Heptane	2.0	U	2.0	0.59	ppb v/v			03/15/22 12:53	10
Trichloroethene	0.37	U	0.37	0.24	ppb v/v			03/15/22 12:53	10
Methyl methacrylate	5.0	U	5.0	1.6	ppb v/v			03/15/22 12:53	10

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-04_20220308

Lab Sample ID: 200-62493-4

Date Collected: 03/08/22 12:02

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	2.0	U	2.0	0.87	ppb v/v			03/15/22 12:53	10
1,4-Dioxane	50	U	50	17	ppb v/v			03/15/22 12:53	10
Bromodichloromethane	2.0	U	2.0	0.40	ppb v/v			03/15/22 12:53	10
cis-1,3-Dichloropropene	2.0	U	2.0	0.20	ppb v/v			03/15/22 12:53	10
4-Methyl-2-pentanone (Methyl isobutyl ketone)	5.0	U	5.0	1.9	ppb v/v			03/15/22 12:53	10
Toluene	5.1	D	2.0	0.93	ppb v/v			03/15/22 12:53	10
trans-1,3-Dichloropropene	2.0	U	2.0	0.89	ppb v/v			03/15/22 12:53	10
1,1,2-Trichloroethane	2.0	U	2.0	0.34	ppb v/v			03/15/22 12:53	10
Tetrachloroethene	0.66	J D	2.0	0.27	ppb v/v			03/15/22 12:53	10
Methyl Butyl Ketone (2-Hexanone)	5.7	D	5.0	2.0	ppb v/v			03/15/22 12:53	10
Dibromochloromethane	2.0	U	2.0	0.31	ppb v/v			03/15/22 12:53	10
1,2-Dibromoethane	2.0	U	2.0	0.46	ppb v/v			03/15/22 12:53	10
Chlorobenzene	2.0	U	2.0	0.43	ppb v/v			03/15/22 12:53	10
Ethylbenzene	2.0	U	2.0	1.0	ppb v/v			03/15/22 12:53	10
m,p-Xylene	5.0	U	5.0	1.7	ppb v/v			03/15/22 12:53	10
o-Xylene	2.0	U	2.0	0.94	ppb v/v			03/15/22 12:53	10
Styrene	2.0	U	2.0	0.32	ppb v/v			03/15/22 12:53	10
Bromoform	2.0	U	2.0	0.58	ppb v/v			03/15/22 12:53	10
Cumene	2.0	U	2.0	0.37	ppb v/v			03/15/22 12:53	10
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.43	ppb v/v			03/15/22 12:53	10
n-Propylbenzene	2.0	U	2.0	0.47	ppb v/v			03/15/22 12:53	10
4-Ethyltoluene	2.0	U	2.0	0.51	ppb v/v			03/15/22 12:53	10
1,3,5-Trimethylbenzene	2.0	U	2.0	0.44	ppb v/v			03/15/22 12:53	10
2-Chlorotoluene	2.0	U	2.0	0.48	ppb v/v			03/15/22 12:53	10
tert-Butylbenzene	2.0	U	2.0	0.37	ppb v/v			03/15/22 12:53	10
1,2,4-Trimethylbenzene	0.46	J D	2.0	0.47	ppb v/v			03/15/22 12:53	10
sec-Butylbenzene	2.0	U	2.0	0.39	ppb v/v			03/15/22 12:53	10
4-Isopropyltoluene	0.62	J D	2.0	0.39	ppb v/v			03/15/22 12:53	10
1,3-Dichlorobenzene	2.0	U	2.0	0.89	ppb v/v			03/15/22 12:53	10
1,4-Dichlorobenzene	2.0	U	2.0	0.95	ppb v/v			03/15/22 12:53	10
Benzyl chloride	2.0	U	2.0	0.74	ppb v/v			03/15/22 12:53	10
n-Butylbenzene	2.0	U	2.0	0.55	ppb v/v			03/15/22 12:53	10
1,2-Dichlorobenzene	2.0	U	2.0	0.70	ppb v/v			03/15/22 12:53	10
1,2,4-Trichlorobenzene	5.0	U	5.0	1.9	ppb v/v			03/15/22 12:53	10
Hexachlorobutadiene	2.0	U	2.0	0.31	ppb v/v			03/15/22 12:53	10
Naphthalene	5.0	U	5.0	1.7	ppb v/v			03/15/22 12:53	10

Client Sample ID: SV-05_20220308

Lab Sample ID: 200-62493-5

Date Collected: 03/08/22 12:22

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.9	J	2.5	0.54	ug/m3			03/14/22 22:45	1
Chlorodifluoromethane	0.92	J	1.8	0.39	ug/m3			03/14/22 22:45	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.38	ug/m3			03/14/22 22:45	1
Chloromethane	0.41	J	1.0	0.25	ug/m3			03/14/22 22:45	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-05_20220308

Lab Sample ID: 200-62493-5

Date Collected: 03/08/22 12:22

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	2.4		1.2	0.45	ug/m3			03/14/22 22:45	1
Vinyl chloride	0.20	U	0.20	0.072	ug/m3			03/14/22 22:45	1
1,3-Butadiene	0.097	J	0.44	0.084	ug/m3			03/14/22 22:45	1
Bromomethane	0.78	U	0.78	0.20	ug/m3			03/14/22 22:45	1
Chloroethane	1.3	U	1.3	0.66	ug/m3			03/14/22 22:45	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.37	ug/m3			03/14/22 22:45	1
Trichlorofluoromethane	1.4		1.1	0.29	ug/m3			03/14/22 22:45	1
1,1,2-Trichlorotrifluoroethane	0.44	J	1.5	0.42	ug/m3			03/14/22 22:45	1
1,1-Dichloroethene	0.20	U	0.20	0.11	ug/m3			03/14/22 22:45	1
Acetone	88		12	4.8	ug/m3			03/14/22 22:45	1
Isopropyl alcohol	8.4	J	12	2.4	ug/m3			03/14/22 22:45	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/14/22 22:45	1
3-Chloropropene	1.6	U	1.6	0.34	ug/m3			03/14/22 22:45	1
Methylene Chloride	1.7	U	1.7	0.59	ug/m3			03/14/22 22:45	1
tert-Butyl alcohol	6.6	J	15	3.6	ug/m3			03/14/22 22:45	1
Methyl tert-butyl ether	0.72	U	0.72	0.29	ug/m3			03/14/22 22:45	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.35	ug/m3			03/14/22 22:45	1
n-Hexane	5.9		1.8	0.81	ug/m3			03/14/22 22:45	1
1,1-Dichloroethane	0.81	U	0.81	0.12	ug/m3			03/14/22 22:45	1
Methyl Ethyl Ketone (2-Butanone)	13		1.5	0.50	ug/m3			03/14/22 22:45	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			03/14/22 22:45	1
Chloroform	1.6		0.98	0.22	ug/m3			03/14/22 22:45	1
Tetrahydrofuran	4.4	J	15	3.5	ug/m3			03/14/22 22:45	1
1,1,1-Trichloroethane	0.44	J	1.1	0.21	ug/m3			03/14/22 22:45	1
Cyclohexane	0.83		0.69	0.12	ug/m3			03/14/22 22:45	1
Carbon tetrachloride	0.22	U	0.22	0.20	ug/m3			03/14/22 22:45	1
2,2,4-Trimethylpentane	1.3		0.93	0.16	ug/m3			03/14/22 22:45	1
Benzene	0.52	J	0.64	0.24	ug/m3			03/14/22 22:45	1
1,2-Dichloroethane	0.81	U	0.81	0.61	ug/m3			03/14/22 22:45	1
n-Heptane	1.7		0.82	0.24	ug/m3			03/14/22 22:45	1
Trichloroethene	5.5		0.20	0.13	ug/m3			03/14/22 22:45	1
Methyl methacrylate	2.0	U	2.0	0.66	ug/m3			03/14/22 22:45	1
1,2-Dichloropropane	0.92	U	0.92	0.40	ug/m3			03/14/22 22:45	1
1,4-Dioxane	18	U	18	6.1	ug/m3			03/14/22 22:45	1
Bromodichloromethane	1.3	U	1.3	0.27	ug/m3			03/14/22 22:45	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.091	ug/m3			03/14/22 22:45	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.5		2.0	0.78	ug/m3			03/14/22 22:45	1
Toluene	18		0.75	0.35	ug/m3			03/14/22 22:45	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.40	ug/m3			03/14/22 22:45	1
1,1,2-Trichloroethane	1.1	U	1.1	0.19	ug/m3			03/14/22 22:45	1
Tetrachloroethene	81		1.4	0.18	ug/m3			03/14/22 22:45	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			03/14/22 22:45	1
Dibromochloromethane	1.7	U	1.7	0.26	ug/m3			03/14/22 22:45	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			03/14/22 22:45	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/14/22 22:45	1
Ethylbenzene	1.4		0.87	0.43	ug/m3			03/14/22 22:45	1
m,p-Xylene	6.2		2.2	0.74	ug/m3			03/14/22 22:45	1
o-Xylene	1.9		0.87	0.41	ug/m3			03/14/22 22:45	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-05_20220308

Lab Sample ID: 200-62493-5

Date Collected: 03/08/22 12:22

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.37	J	0.85	0.14	ug/m3			03/14/22 22:45	1
Bromoform	2.1	U	2.1	0.60	ug/m3			03/14/22 22:45	1
Cumene	0.98	U	0.98	0.18	ug/m3			03/14/22 22:45	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/14/22 22:45	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/14/22 22:45	1
4-Ethyltoluene	0.77	J	0.98	0.25	ug/m3			03/14/22 22:45	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.22	ug/m3			03/14/22 22:45	1
2-Chlorotoluene	1.0	U	1.0	0.25	ug/m3			03/14/22 22:45	1
tert-Butylbenzene	1.1	U	1.1	0.20	ug/m3			03/14/22 22:45	1
1,2,4-Trimethylbenzene	2.9		0.98	0.23	ug/m3			03/14/22 22:45	1
sec-Butylbenzene	1.1	U	1.1	0.21	ug/m3			03/14/22 22:45	1
4-Isopropyltoluene	61		1.1	0.21	ug/m3			03/14/22 22:45	1
1,3-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/14/22 22:45	1
1,4-Dichlorobenzene	1.2	U	1.2	0.57	ug/m3			03/14/22 22:45	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			03/14/22 22:45	1
n-Butylbenzene	1.1	U	1.1	0.30	ug/m3			03/14/22 22:45	1
1,2-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			03/14/22 22:45	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.4	ug/m3			03/14/22 22:45	1
Hexachlorobutadiene	2.1	U	2.1	0.33	ug/m3			03/14/22 22:45	1
Naphthalene	2.6	U	2.6	0.89	ug/m3			03/14/22 22:45	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.39	J	0.50	0.11	ppb v/v			03/14/22 22:45	1
Chlorodifluoromethane	0.26	J	0.50	0.11	ppb v/v			03/14/22 22:45	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.055	ppb v/v			03/14/22 22:45	1
Chloromethane	0.20	J	0.50	0.12	ppb v/v			03/14/22 22:45	1
n-Butane	1.0		0.50	0.19	ppb v/v			03/14/22 22:45	1
Vinyl chloride	0.078	U	0.078	0.028	ppb v/v			03/14/22 22:45	1
1,3-Butadiene	0.044	J	0.20	0.038	ppb v/v			03/14/22 22:45	1
Bromomethane	0.20	U	0.20	0.052	ppb v/v			03/14/22 22:45	1
Chloroethane	0.50	U	0.50	0.25	ppb v/v			03/14/22 22:45	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.085	ppb v/v			03/14/22 22:45	1
Trichlorofluoromethane	0.24		0.20	0.052	ppb v/v			03/14/22 22:45	1
1,1,2-Trichlorotrifluoroethane	0.057	J	0.20	0.055	ppb v/v			03/14/22 22:45	1
1,1-Dichloroethene	0.050	U	0.050	0.029	ppb v/v			03/14/22 22:45	1
Acetone	37		5.0	2.0	ppb v/v			03/14/22 22:45	1
Isopropyl alcohol	3.4	J	5.0	0.98	ppb v/v			03/14/22 22:45	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/14/22 22:45	1
3-Chloropropene	0.50	U	0.50	0.11	ppb v/v			03/14/22 22:45	1
Methylene Chloride	0.50	U	0.50	0.17	ppb v/v			03/14/22 22:45	1
tert-Butyl alcohol	2.2	J	5.0	1.2	ppb v/v			03/14/22 22:45	1
Methyl tert-butyl ether	0.20	U	0.20	0.080	ppb v/v			03/14/22 22:45	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.088	ppb v/v			03/14/22 22:45	1
n-Hexane	1.7		0.50	0.23	ppb v/v			03/14/22 22:45	1
1,1-Dichloroethane	0.20	U	0.20	0.029	ppb v/v			03/14/22 22:45	1
Methyl Ethyl Ketone (2-Butanone)	4.5		0.50	0.17	ppb v/v			03/14/22 22:45	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.033	ppb v/v			03/14/22 22:45	1
Chloroform	0.34		0.20	0.046	ppb v/v			03/14/22 22:45	1
Tetrahydrofuran	1.5	J	5.0	1.2	ppb v/v			03/14/22 22:45	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-05_20220308

Lab Sample ID: 200-62493-5

Date Collected: 03/08/22 12:22

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.081	J	0.20	0.039	ppb v/v			03/14/22 22:45	1
Cyclohexane	0.24		0.20	0.035	ppb v/v			03/14/22 22:45	1
Carbon tetrachloride	0.035	U	0.035	0.032	ppb v/v			03/14/22 22:45	1
2,2,4-Trimethylpentane	0.28		0.20	0.035	ppb v/v			03/14/22 22:45	1
Benzene	0.16	J	0.20	0.074	ppb v/v			03/14/22 22:45	1
1,2-Dichloroethane	0.20	U	0.20	0.15	ppb v/v			03/14/22 22:45	1
n-Heptane	0.40		0.20	0.059	ppb v/v			03/14/22 22:45	1
Trichloroethene	1.0		0.037	0.024	ppb v/v			03/14/22 22:45	1
Methyl methacrylate	0.50	U	0.50	0.16	ppb v/v			03/14/22 22:45	1
1,2-Dichloropropane	0.20	U	0.20	0.087	ppb v/v			03/14/22 22:45	1
1,4-Dioxane	5.0	U	5.0	1.7	ppb v/v			03/14/22 22:45	1
Bromodichloromethane	0.20	U	0.20	0.040	ppb v/v			03/14/22 22:45	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.020	ppb v/v			03/14/22 22:45	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.61		0.50	0.19	ppb v/v			03/14/22 22:45	1
Toluene	4.8		0.20	0.093	ppb v/v			03/14/22 22:45	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.089	ppb v/v			03/14/22 22:45	1
1,1,2-Trichloroethane	0.20	U	0.20	0.034	ppb v/v			03/14/22 22:45	1
Tetrachloroethene	12		0.20	0.027	ppb v/v			03/14/22 22:45	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			03/14/22 22:45	1
Dibromochloromethane	0.20	U	0.20	0.031	ppb v/v			03/14/22 22:45	1
1,2-Dibromoethane	0.20	U	0.20	0.046	ppb v/v			03/14/22 22:45	1
Chlorobenzene	0.20	U	0.20	0.043	ppb v/v			03/14/22 22:45	1
Ethylbenzene	0.32		0.20	0.10	ppb v/v			03/14/22 22:45	1
m,p-Xylene	1.4		0.50	0.17	ppb v/v			03/14/22 22:45	1
o-Xylene	0.44		0.20	0.094	ppb v/v			03/14/22 22:45	1
Styrene	0.087	J	0.20	0.032	ppb v/v			03/14/22 22:45	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			03/14/22 22:45	1
Cumene	0.20	U	0.20	0.037	ppb v/v			03/14/22 22:45	1
1,1,1,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/14/22 22:45	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/14/22 22:45	1
4-Ethyltoluene	0.16	J	0.20	0.051	ppb v/v			03/14/22 22:45	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.044	ppb v/v			03/14/22 22:45	1
2-Chlorotoluene	0.20	U	0.20	0.048	ppb v/v			03/14/22 22:45	1
tert-Butylbenzene	0.20	U	0.20	0.037	ppb v/v			03/14/22 22:45	1
1,2,4-Trimethylbenzene	0.60		0.20	0.047	ppb v/v			03/14/22 22:45	1
sec-Butylbenzene	0.20	U	0.20	0.039	ppb v/v			03/14/22 22:45	1
4-Isopropyltoluene	11		0.20	0.039	ppb v/v			03/14/22 22:45	1
1,3-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/14/22 22:45	1
1,4-Dichlorobenzene	0.20	U	0.20	0.095	ppb v/v			03/14/22 22:45	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			03/14/22 22:45	1
n-Butylbenzene	0.20	U	0.20	0.055	ppb v/v			03/14/22 22:45	1
1,2-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			03/14/22 22:45	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.19	ppb v/v			03/14/22 22:45	1
Hexachlorobutadiene	0.20	U	0.20	0.031	ppb v/v			03/14/22 22:45	1
Naphthalene	0.50	U	0.50	0.17	ppb v/v			03/14/22 22:45	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-06_20220308

Lab Sample ID: 200-62493-6

Date Collected: 03/08/22 12:14

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.0	J	2.5	0.54	ug/m3			03/14/22 23:38	1
Chlorodifluoromethane	0.94	J	1.8	0.39	ug/m3			03/14/22 23:38	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.38	ug/m3			03/14/22 23:38	1
Chloromethane	0.31	J	1.0	0.25	ug/m3			03/14/22 23:38	1
n-Butane	15		1.2	0.45	ug/m3			03/14/22 23:38	1
Vinyl chloride	0.20	U	0.20	0.072	ug/m3			03/14/22 23:38	1
1,3-Butadiene	0.38	J	0.44	0.084	ug/m3			03/14/22 23:38	1
Bromomethane	0.78	U	0.78	0.20	ug/m3			03/14/22 23:38	1
Chloroethane	1.3	U	1.3	0.66	ug/m3			03/14/22 23:38	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.37	ug/m3			03/14/22 23:38	1
Trichlorofluoromethane	1.6		1.1	0.29	ug/m3			03/14/22 23:38	1
1,1,2-Trichlorotrifluoroethane	0.45	J	1.5	0.42	ug/m3			03/14/22 23:38	1
1,1-Dichloroethene	0.20	U	0.20	0.11	ug/m3			03/14/22 23:38	1
Acetone	72		12	4.8	ug/m3			03/14/22 23:38	1
Isopropyl alcohol	6.7	J	12	2.4	ug/m3			03/14/22 23:38	1
Carbon disulfide	0.68	J	1.6	0.40	ug/m3			03/14/22 23:38	1
3-Chloropropene	1.6	U	1.6	0.34	ug/m3			03/14/22 23:38	1
Methylene Chloride	1.7	U	1.7	0.59	ug/m3			03/14/22 23:38	1
tert-Butyl alcohol	5.2	J	15	3.6	ug/m3			03/14/22 23:38	1
Methyl tert-butyl ether	0.72	U	0.72	0.29	ug/m3			03/14/22 23:38	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.35	ug/m3			03/14/22 23:38	1
n-Hexane	13		1.8	0.81	ug/m3			03/14/22 23:38	1
1,1-Dichloroethane	0.81	U	0.81	0.12	ug/m3			03/14/22 23:38	1
Methyl Ethyl Ketone (2-Butanone)	6.4		1.5	0.50	ug/m3			03/14/22 23:38	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			03/14/22 23:38	1
Chloroform	11		0.98	0.22	ug/m3			03/14/22 23:38	1
Tetrahydrofuran	9.5	J	15	3.5	ug/m3			03/14/22 23:38	1
1,1,1-Trichloroethane	1.0	J	1.1	0.21	ug/m3			03/14/22 23:38	1
Cyclohexane	0.25	J	0.69	0.12	ug/m3			03/14/22 23:38	1
Carbon tetrachloride	0.20	J	0.22	0.20	ug/m3			03/14/22 23:38	1
2,2,4-Trimethylpentane	0.98		0.93	0.16	ug/m3			03/14/22 23:38	1
Benzene	0.61	J	0.64	0.24	ug/m3			03/14/22 23:38	1
1,2-Dichloroethane	0.81	U	0.81	0.61	ug/m3			03/14/22 23:38	1
n-Heptane	2.4		0.82	0.24	ug/m3			03/14/22 23:38	1
Trichloroethene	9.6		0.20	0.13	ug/m3			03/14/22 23:38	1
Methyl methacrylate	2.0	U	2.0	0.66	ug/m3			03/14/22 23:38	1
1,2-Dichloropropane	0.92	U	0.92	0.40	ug/m3			03/14/22 23:38	1
1,4-Dioxane	18	U	18	6.1	ug/m3			03/14/22 23:38	1
Bromodichloromethane	1.3	U	1.3	0.27	ug/m3			03/14/22 23:38	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.091	ug/m3			03/14/22 23:38	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.78	ug/m3			03/14/22 23:38	1
Toluene	26		0.75	0.35	ug/m3			03/14/22 23:38	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.40	ug/m3			03/14/22 23:38	1
1,1,2-Trichloroethane	1.1	U	1.1	0.19	ug/m3			03/14/22 23:38	1
Tetrachloroethene	56		1.4	0.18	ug/m3			03/14/22 23:38	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			03/14/22 23:38	1
Dibromochloromethane	1.7	U	1.7	0.26	ug/m3			03/14/22 23:38	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			03/14/22 23:38	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-06_20220308

Lab Sample ID: 200-62493-6

Date Collected: 03/08/22 12:14

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/14/22 23:38	1
Ethylbenzene	1.6		0.87	0.43	ug/m3			03/14/22 23:38	1
m,p-Xylene	6.7		2.2	0.74	ug/m3			03/14/22 23:38	1
o-Xylene	2.0		0.87	0.41	ug/m3			03/14/22 23:38	1
Styrene	1.1		0.85	0.14	ug/m3			03/14/22 23:38	1
Bromoform	2.1	U	2.1	0.60	ug/m3			03/14/22 23:38	1
Cumene	0.98	U	0.98	0.18	ug/m3			03/14/22 23:38	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/14/22 23:38	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/14/22 23:38	1
4-Ethyltoluene	0.80	J	0.98	0.25	ug/m3			03/14/22 23:38	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.22	ug/m3			03/14/22 23:38	1
2-Chlorotoluene	1.0	U	1.0	0.25	ug/m3			03/14/22 23:38	1
tert-Butylbenzene	1.1	U	1.1	0.20	ug/m3			03/14/22 23:38	1
1,2,4-Trimethylbenzene	3.0		0.98	0.23	ug/m3			03/14/22 23:38	1
sec-Butylbenzene	1.1	U	1.1	0.21	ug/m3			03/14/22 23:38	1
4-Isopropyltoluene	51		1.1	0.21	ug/m3			03/14/22 23:38	1
1,3-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/14/22 23:38	1
1,4-Dichlorobenzene	1.2	U	1.2	0.57	ug/m3			03/14/22 23:38	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			03/14/22 23:38	1
n-Butylbenzene	1.1	U	1.1	0.30	ug/m3			03/14/22 23:38	1
1,2-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			03/14/22 23:38	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.4	ug/m3			03/14/22 23:38	1
Hexachlorobutadiene	2.1	U	2.1	0.33	ug/m3			03/14/22 23:38	1
Naphthalene	2.6	U	2.6	0.89	ug/m3			03/14/22 23:38	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.41	J	0.50	0.11	ppb v/v			03/14/22 23:38	1
Chlorodifluoromethane	0.27	J	0.50	0.11	ppb v/v			03/14/22 23:38	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.055	ppb v/v			03/14/22 23:38	1
Chloromethane	0.15	J	0.50	0.12	ppb v/v			03/14/22 23:38	1
n-Butane	6.3		0.50	0.19	ppb v/v			03/14/22 23:38	1
Vinyl chloride	0.078	U	0.078	0.028	ppb v/v			03/14/22 23:38	1
1,3-Butadiene	0.17	J	0.20	0.038	ppb v/v			03/14/22 23:38	1
Bromomethane	0.20	U	0.20	0.052	ppb v/v			03/14/22 23:38	1
Chloroethane	0.50	U	0.50	0.25	ppb v/v			03/14/22 23:38	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.085	ppb v/v			03/14/22 23:38	1
Trichlorofluoromethane	0.28		0.20	0.052	ppb v/v			03/14/22 23:38	1
1,1,2-Trichlorotrifluoroethane	0.059	J	0.20	0.055	ppb v/v			03/14/22 23:38	1
1,1-Dichloroethene	0.050	U	0.050	0.029	ppb v/v			03/14/22 23:38	1
Acetone	30		5.0	2.0	ppb v/v			03/14/22 23:38	1
Isopropyl alcohol	2.7	J	5.0	0.98	ppb v/v			03/14/22 23:38	1
Carbon disulfide	0.22	J	0.50	0.13	ppb v/v			03/14/22 23:38	1
3-Chloropropene	0.50	U	0.50	0.11	ppb v/v			03/14/22 23:38	1
Methylene Chloride	0.50	U	0.50	0.17	ppb v/v			03/14/22 23:38	1
tert-Butyl alcohol	1.7	J	5.0	1.2	ppb v/v			03/14/22 23:38	1
Methyl tert-butyl ether	0.20	U	0.20	0.080	ppb v/v			03/14/22 23:38	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.088	ppb v/v			03/14/22 23:38	1
n-Hexane	3.8		0.50	0.23	ppb v/v			03/14/22 23:38	1
1,1-Dichloroethane	0.20	U	0.20	0.029	ppb v/v			03/14/22 23:38	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-06_20220308

Lab Sample ID: 200-62493-6

Date Collected: 03/08/22 12:14

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	2.2		0.50	0.17	ppb v/v			03/14/22 23:38	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.033	ppb v/v			03/14/22 23:38	1
Chloroform	2.3		0.20	0.046	ppb v/v			03/14/22 23:38	1
Tetrahydrofuran	3.2	J	5.0	1.2	ppb v/v			03/14/22 23:38	1
1,1,1-Trichloroethane	0.19	J	0.20	0.039	ppb v/v			03/14/22 23:38	1
Cyclohexane	0.073	J	0.20	0.035	ppb v/v			03/14/22 23:38	1
Carbon tetrachloride	0.031	J	0.035	0.032	ppb v/v			03/14/22 23:38	1
2,2,4-Trimethylpentane	0.21		0.20	0.035	ppb v/v			03/14/22 23:38	1
Benzene	0.19	J	0.20	0.074	ppb v/v			03/14/22 23:38	1
1,2-Dichloroethane	0.20	U	0.20	0.15	ppb v/v			03/14/22 23:38	1
n-Heptane	0.59		0.20	0.059	ppb v/v			03/14/22 23:38	1
Trichloroethene	1.8		0.037	0.024	ppb v/v			03/14/22 23:38	1
Methyl methacrylate	0.50	U	0.50	0.16	ppb v/v			03/14/22 23:38	1
1,2-Dichloropropane	0.20	U	0.20	0.087	ppb v/v			03/14/22 23:38	1
1,4-Dioxane	5.0	U	5.0	1.7	ppb v/v			03/14/22 23:38	1
Bromodichloromethane	0.20	U	0.20	0.040	ppb v/v			03/14/22 23:38	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.020	ppb v/v			03/14/22 23:38	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.19	ppb v/v			03/14/22 23:38	1
Toluene	6.8		0.20	0.093	ppb v/v			03/14/22 23:38	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.089	ppb v/v			03/14/22 23:38	1
1,1,2-Trichloroethane	0.20	U	0.20	0.034	ppb v/v			03/14/22 23:38	1
Tetrachloroethene	8.3		0.20	0.027	ppb v/v			03/14/22 23:38	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			03/14/22 23:38	1
Dibromochloromethane	0.20	U	0.20	0.031	ppb v/v			03/14/22 23:38	1
1,2-Dibromoethane	0.20	U	0.20	0.046	ppb v/v			03/14/22 23:38	1
Chlorobenzene	0.20	U	0.20	0.043	ppb v/v			03/14/22 23:38	1
Ethylbenzene	0.36		0.20	0.10	ppb v/v			03/14/22 23:38	1
m,p-Xylene	1.5		0.50	0.17	ppb v/v			03/14/22 23:38	1
o-Xylene	0.46		0.20	0.094	ppb v/v			03/14/22 23:38	1
Styrene	0.27		0.20	0.032	ppb v/v			03/14/22 23:38	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			03/14/22 23:38	1
Cumene	0.20	U	0.20	0.037	ppb v/v			03/14/22 23:38	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/14/22 23:38	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/14/22 23:38	1
4-Ethyltoluene	0.16	J	0.20	0.051	ppb v/v			03/14/22 23:38	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.044	ppb v/v			03/14/22 23:38	1
2-Chlorotoluene	0.20	U	0.20	0.048	ppb v/v			03/14/22 23:38	1
tert-Butylbenzene	0.20	U	0.20	0.037	ppb v/v			03/14/22 23:38	1
1,2,4-Trimethylbenzene	0.62		0.20	0.047	ppb v/v			03/14/22 23:38	1
sec-Butylbenzene	0.20	U	0.20	0.039	ppb v/v			03/14/22 23:38	1
4-Isopropyltoluene	9.3		0.20	0.039	ppb v/v			03/14/22 23:38	1
1,3-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/14/22 23:38	1
1,4-Dichlorobenzene	0.20	U	0.20	0.095	ppb v/v			03/14/22 23:38	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			03/14/22 23:38	1
n-Butylbenzene	0.20	U	0.20	0.055	ppb v/v			03/14/22 23:38	1
1,2-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			03/14/22 23:38	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.19	ppb v/v			03/14/22 23:38	1
Hexachlorobutadiene	0.20	U	0.20	0.031	ppb v/v			03/14/22 23:38	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-06_20220308

Lab Sample ID: 200-62493-6

Date Collected: 03/08/22 12:14

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.50	U	0.50	0.17	ppb v/v			03/14/22 23:38	1

Client Sample ID: AA_20220308

Lab Sample ID: 200-62493-7

Date Collected: 03/08/22 12:09

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.6		2.5	0.54	ug/m3			03/15/22 00:31	1
Chlorodifluoromethane	1.4	J	1.8	0.39	ug/m3			03/15/22 00:31	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.38	ug/m3			03/15/22 00:31	1
Chloromethane	1.2		1.0	0.25	ug/m3			03/15/22 00:31	1
n-Butane	1.9		1.2	0.45	ug/m3			03/15/22 00:31	1
Vinyl chloride	0.20	U	0.20	0.072	ug/m3			03/15/22 00:31	1
1,3-Butadiene	0.44	U	0.44	0.084	ug/m3			03/15/22 00:31	1
Bromomethane	0.78	U	0.78	0.20	ug/m3			03/15/22 00:31	1
Chloroethane	1.3	U	1.3	0.66	ug/m3			03/15/22 00:31	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.37	ug/m3			03/15/22 00:31	1
Trichlorofluoromethane	1.2		1.1	0.29	ug/m3			03/15/22 00:31	1
1,1,2-Trichlorotrifluoroethane	0.50	J	1.5	0.42	ug/m3			03/15/22 00:31	1
1,1-Dichloroethene	0.20	U	0.20	0.11	ug/m3			03/15/22 00:31	1
Acetone	4.9	J	12	4.8	ug/m3			03/15/22 00:31	1
Isopropyl alcohol	12	U	12	2.4	ug/m3			03/15/22 00:31	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/15/22 00:31	1
3-Chloropropene	1.6	U	1.6	0.34	ug/m3			03/15/22 00:31	1
Methylene Chloride	6.7		1.7	0.59	ug/m3			03/15/22 00:31	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/15/22 00:31	1
Methyl tert-butyl ether	0.72	U	0.72	0.29	ug/m3			03/15/22 00:31	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.35	ug/m3			03/15/22 00:31	1
n-Hexane	1.6	J	1.8	0.81	ug/m3			03/15/22 00:31	1
1,1-Dichloroethane	0.81	U	0.81	0.12	ug/m3			03/15/22 00:31	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	0.50	ug/m3			03/15/22 00:31	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			03/15/22 00:31	1
Chloroform	0.98	U	0.98	0.22	ug/m3			03/15/22 00:31	1
Tetrahydrofuran	15	U	15	3.5	ug/m3			03/15/22 00:31	1
1,1,1-Trichloroethane	1.1	U	1.1	0.21	ug/m3			03/15/22 00:31	1
Cyclohexane	0.69	U	0.69	0.12	ug/m3			03/15/22 00:31	1
Carbon tetrachloride	0.39		0.22	0.20	ug/m3			03/15/22 00:31	1
2,2,4-Trimethylpentane	0.24	J	0.93	0.16	ug/m3			03/15/22 00:31	1
Benzene	0.48	J	0.64	0.24	ug/m3			03/15/22 00:31	1
1,2-Dichloroethane	0.81	U	0.81	0.61	ug/m3			03/15/22 00:31	1
n-Heptane	0.82	U	0.82	0.24	ug/m3			03/15/22 00:31	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/15/22 00:31	1
Methyl methacrylate	2.0	U	2.0	0.66	ug/m3			03/15/22 00:31	1
1,2-Dichloropropane	0.92	U	0.92	0.40	ug/m3			03/15/22 00:31	1
1,4-Dioxane	18	U	18	6.1	ug/m3			03/15/22 00:31	1
Bromodichloromethane	1.3	U	1.3	0.27	ug/m3			03/15/22 00:31	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.091	ug/m3			03/15/22 00:31	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: AA_20220308

Lab Sample ID: 200-62493-7

Date Collected: 03/08/22 12:09

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.78	ug/m3			03/15/22 00:31	1
Toluene	1.3		0.75	0.35	ug/m3			03/15/22 00:31	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.40	ug/m3			03/15/22 00:31	1
1,1,2-Trichloroethane	1.1	U	1.1	0.19	ug/m3			03/15/22 00:31	1
Tetrachloroethene	0.49 J		1.4	0.18	ug/m3			03/15/22 00:31	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			03/15/22 00:31	1
Dibromochloromethane	1.7	U	1.7	0.26	ug/m3			03/15/22 00:31	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			03/15/22 00:31	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/15/22 00:31	1
Ethylbenzene	0.87	U	0.87	0.43	ug/m3			03/15/22 00:31	1
m,p-Xylene	2.2	U	2.2	0.74	ug/m3			03/15/22 00:31	1
o-Xylene	0.87	U	0.87	0.41	ug/m3			03/15/22 00:31	1
Styrene	0.85	U	0.85	0.14	ug/m3			03/15/22 00:31	1
Bromoform	2.1	U	2.1	0.60	ug/m3			03/15/22 00:31	1
Cumene	0.98	U	0.98	0.18	ug/m3			03/15/22 00:31	1
1,1,1,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/15/22 00:31	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/15/22 00:31	1
4-Ethyltoluene	0.98	U	0.98	0.25	ug/m3			03/15/22 00:31	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.22	ug/m3			03/15/22 00:31	1
2-Chlorotoluene	1.0	U	1.0	0.25	ug/m3			03/15/22 00:31	1
tert-Butylbenzene	1.1	U	1.1	0.20	ug/m3			03/15/22 00:31	1
1,2,4-Trimethylbenzene	0.23 J		0.98	0.23	ug/m3			03/15/22 00:31	1
sec-Butylbenzene	1.1	U	1.1	0.21	ug/m3			03/15/22 00:31	1
4-Isopropyltoluene	0.53 J		1.1	0.21	ug/m3			03/15/22 00:31	1
1,3-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/15/22 00:31	1
1,4-Dichlorobenzene	1.2	U	1.2	0.57	ug/m3			03/15/22 00:31	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			03/15/22 00:31	1
n-Butylbenzene	1.1	U	1.1	0.30	ug/m3			03/15/22 00:31	1
1,2-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			03/15/22 00:31	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.4	ug/m3			03/15/22 00:31	1
Hexachlorobutadiene	0.96 J		2.1	0.33	ug/m3			03/15/22 00:31	1
Naphthalene	2.6	U	2.6	0.89	ug/m3			03/15/22 00:31	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.54		0.50	0.11	ppb v/v			03/15/22 00:31	1
Chlorodifluoromethane	0.41 J		0.50	0.11	ppb v/v			03/15/22 00:31	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.055	ppb v/v			03/15/22 00:31	1
Chloromethane	0.57		0.50	0.12	ppb v/v			03/15/22 00:31	1
n-Butane	0.81		0.50	0.19	ppb v/v			03/15/22 00:31	1
Vinyl chloride	0.078	U	0.078	0.028	ppb v/v			03/15/22 00:31	1
1,3-Butadiene	0.20	U	0.20	0.038	ppb v/v			03/15/22 00:31	1
Bromomethane	0.20	U	0.20	0.052	ppb v/v			03/15/22 00:31	1
Chloroethane	0.50	U	0.50	0.25	ppb v/v			03/15/22 00:31	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.085	ppb v/v			03/15/22 00:31	1
Trichlorofluoromethane	0.21		0.20	0.052	ppb v/v			03/15/22 00:31	1
1,1,2-Trichlorotrifluoroethane	0.065 J		0.20	0.055	ppb v/v			03/15/22 00:31	1
1,1-Dichloroethene	0.050	U	0.050	0.029	ppb v/v			03/15/22 00:31	1
Acetone	2.1 J		5.0	2.0	ppb v/v			03/15/22 00:31	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
 Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: AA_20220308

Lab Sample ID: 200-62493-7

Date Collected: 03/08/22 12:09

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl alcohol	5.0	U	5.0	0.98	ppb v/v			03/15/22 00:31	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/15/22 00:31	1
3-Chloropropene	0.50	U	0.50	0.11	ppb v/v			03/15/22 00:31	1
Methylene Chloride	1.9		0.50	0.17	ppb v/v			03/15/22 00:31	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/15/22 00:31	1
Methyl tert-butyl ether	0.20	U	0.20	0.080	ppb v/v			03/15/22 00:31	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.088	ppb v/v			03/15/22 00:31	1
n-Hexane	0.44	J	0.50	0.23	ppb v/v			03/15/22 00:31	1
1,1-Dichloroethane	0.20	U	0.20	0.029	ppb v/v			03/15/22 00:31	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.17	ppb v/v			03/15/22 00:31	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.033	ppb v/v			03/15/22 00:31	1
Chloroform	0.20	U	0.20	0.046	ppb v/v			03/15/22 00:31	1
Tetrahydrofuran	5.0	U	5.0	1.2	ppb v/v			03/15/22 00:31	1
1,1,1-Trichloroethane	0.20	U	0.20	0.039	ppb v/v			03/15/22 00:31	1
Cyclohexane	0.20	U	0.20	0.035	ppb v/v			03/15/22 00:31	1
Carbon tetrachloride	0.062		0.035	0.032	ppb v/v			03/15/22 00:31	1
2,2,4-Trimethylpentane	0.052	J	0.20	0.035	ppb v/v			03/15/22 00:31	1
Benzene	0.15	J	0.20	0.074	ppb v/v			03/15/22 00:31	1
1,2-Dichloroethane	0.20	U	0.20	0.15	ppb v/v			03/15/22 00:31	1
n-Heptane	0.20	U	0.20	0.059	ppb v/v			03/15/22 00:31	1
Trichloroethene	0.037	U	0.037	0.024	ppb v/v			03/15/22 00:31	1
Methyl methacrylate	0.50	U	0.50	0.16	ppb v/v			03/15/22 00:31	1
1,2-Dichloropropane	0.20	U	0.20	0.087	ppb v/v			03/15/22 00:31	1
1,4-Dioxane	5.0	U	5.0	1.7	ppb v/v			03/15/22 00:31	1
Bromodichloromethane	0.20	U	0.20	0.040	ppb v/v			03/15/22 00:31	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.020	ppb v/v			03/15/22 00:31	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.19	ppb v/v			03/15/22 00:31	1
Toluene	0.34		0.20	0.093	ppb v/v			03/15/22 00:31	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.089	ppb v/v			03/15/22 00:31	1
1,1,2-Trichloroethane	0.20	U	0.20	0.034	ppb v/v			03/15/22 00:31	1
Tetrachloroethene	0.072	J	0.20	0.027	ppb v/v			03/15/22 00:31	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			03/15/22 00:31	1
Dibromochloromethane	0.20	U	0.20	0.031	ppb v/v			03/15/22 00:31	1
1,2-Dibromoethane	0.20	U	0.20	0.046	ppb v/v			03/15/22 00:31	1
Chlorobenzene	0.20	U	0.20	0.043	ppb v/v			03/15/22 00:31	1
Ethylbenzene	0.20	U	0.20	0.10	ppb v/v			03/15/22 00:31	1
m,p-Xylene	0.50	U	0.50	0.17	ppb v/v			03/15/22 00:31	1
o-Xylene	0.20	U	0.20	0.094	ppb v/v			03/15/22 00:31	1
Styrene	0.20	U	0.20	0.032	ppb v/v			03/15/22 00:31	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			03/15/22 00:31	1
Cumene	0.20	U	0.20	0.037	ppb v/v			03/15/22 00:31	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/15/22 00:31	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/15/22 00:31	1
4-Ethyltoluene	0.20	U	0.20	0.051	ppb v/v			03/15/22 00:31	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.044	ppb v/v			03/15/22 00:31	1
2-Chlorotoluene	0.20	U	0.20	0.048	ppb v/v			03/15/22 00:31	1
tert-Butylbenzene	0.20	U	0.20	0.037	ppb v/v			03/15/22 00:31	1
1,2,4-Trimethylbenzene	0.046	J	0.20	0.047	ppb v/v			03/15/22 00:31	1

Eurofins Burlington

Client Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: AA_20220308

Lab Sample ID: 200-62493-7

Date Collected: 03/08/22 12:09

Matrix: Air

Date Received: 03/10/22 10:35

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	0.20	U	0.20	0.039	ppb v/v			03/15/22 00:31	1
4-Isopropyltoluene	0.096	J	0.20	0.039	ppb v/v			03/15/22 00:31	1
1,3-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/15/22 00:31	1
1,4-Dichlorobenzene	0.20	U	0.20	0.095	ppb v/v			03/15/22 00:31	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			03/15/22 00:31	1
n-Butylbenzene	0.20	U	0.20	0.055	ppb v/v			03/15/22 00:31	1
1,2-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			03/15/22 00:31	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.19	ppb v/v			03/15/22 00:31	1
Hexachlorobutadiene	0.090	J	0.20	0.031	ppb v/v			03/15/22 00:31	1
Naphthalene	0.50	U	0.50	0.17	ppb v/v			03/15/22 00:31	1

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-177618/5
Matrix: Air
Analysis Batch: 177618

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			03/14/22 10:49	1
Chlorodifluoromethane	1.8	U	1.8	0.39	ug/m3			03/14/22 10:49	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.38	ug/m3			03/14/22 10:49	1
Chloromethane	1.0	U	1.0	0.25	ug/m3			03/14/22 10:49	1
n-Butane	1.2	U	1.2	0.45	ug/m3			03/14/22 10:49	1
Vinyl chloride	0.20	U	0.20	0.072	ug/m3			03/14/22 10:49	1
1,3-Butadiene	0.44	U	0.44	0.084	ug/m3			03/14/22 10:49	1
Bromomethane	0.78	U	0.78	0.20	ug/m3			03/14/22 10:49	1
Chloroethane	1.3	U	1.3	0.66	ug/m3			03/14/22 10:49	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.37	ug/m3			03/14/22 10:49	1
Trichlorofluoromethane	1.1	U	1.1	0.29	ug/m3			03/14/22 10:49	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.42	ug/m3			03/14/22 10:49	1
1,1-Dichloroethene	0.20	U	0.20	0.11	ug/m3			03/14/22 10:49	1
Acetone	12	U	12	4.8	ug/m3			03/14/22 10:49	1
Isopropyl alcohol	12	U	12	2.4	ug/m3			03/14/22 10:49	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/14/22 10:49	1
3-Chloropropene	1.6	U	1.6	0.34	ug/m3			03/14/22 10:49	1
Methylene Chloride	1.7	U	1.7	0.59	ug/m3			03/14/22 10:49	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/14/22 10:49	1
Methyl tert-butyl ether	0.72	U	0.72	0.29	ug/m3			03/14/22 10:49	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.35	ug/m3			03/14/22 10:49	1
n-Hexane	1.8	U	1.8	0.81	ug/m3			03/14/22 10:49	1
1,1-Dichloroethane	0.81	U	0.81	0.12	ug/m3			03/14/22 10:49	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	0.50	ug/m3			03/14/22 10:49	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			03/14/22 10:49	1
Chloroform	0.98	U	0.98	0.22	ug/m3			03/14/22 10:49	1
Tetrahydrofuran	15	U	15	3.5	ug/m3			03/14/22 10:49	1
1,1,1-Trichloroethane	1.1	U	1.1	0.21	ug/m3			03/14/22 10:49	1
Cyclohexane	0.69	U	0.69	0.12	ug/m3			03/14/22 10:49	1
Carbon tetrachloride	0.22	U	0.22	0.20	ug/m3			03/14/22 10:49	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.16	ug/m3			03/14/22 10:49	1
Benzene	0.64	U	0.64	0.24	ug/m3			03/14/22 10:49	1
1,2-Dichloroethane	0.81	U	0.81	0.61	ug/m3			03/14/22 10:49	1
n-Heptane	0.82	U	0.82	0.24	ug/m3			03/14/22 10:49	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/14/22 10:49	1
Methyl methacrylate	2.0	U	2.0	0.66	ug/m3			03/14/22 10:49	1
1,2-Dichloropropane	0.92	U	0.92	0.40	ug/m3			03/14/22 10:49	1
1,4-Dioxane	18	U	18	6.1	ug/m3			03/14/22 10:49	1
Bromodichloromethane	1.3	U	1.3	0.27	ug/m3			03/14/22 10:49	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.091	ug/m3			03/14/22 10:49	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.78	ug/m3			03/14/22 10:49	1
Toluene	0.75	U	0.75	0.35	ug/m3			03/14/22 10:49	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.40	ug/m3			03/14/22 10:49	1
1,1,2-Trichloroethane	1.1	U	1.1	0.19	ug/m3			03/14/22 10:49	1
Tetrachloroethene	1.4	U	1.4	0.18	ug/m3			03/14/22 10:49	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			03/14/22 10:49	1
Dibromochloromethane	1.7	U	1.7	0.26	ug/m3			03/14/22 10:49	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			03/14/22 10:49	1

Eurofins Burlington

QC Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-177618/5
Matrix: Air
Analysis Batch: 177618

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/14/22 10:49	1
Ethylbenzene	0.87	U	0.87	0.43	ug/m3			03/14/22 10:49	1
m,p-Xylene	2.2	U	2.2	0.74	ug/m3			03/14/22 10:49	1
o-Xylene	0.87	U	0.87	0.41	ug/m3			03/14/22 10:49	1
Styrene	0.85	U	0.85	0.14	ug/m3			03/14/22 10:49	1
Bromoform	2.1	U	2.1	0.60	ug/m3			03/14/22 10:49	1
Cumene	0.98	U	0.98	0.18	ug/m3			03/14/22 10:49	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/14/22 10:49	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/14/22 10:49	1
4-Ethyltoluene	0.98	U	0.98	0.25	ug/m3			03/14/22 10:49	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.22	ug/m3			03/14/22 10:49	1
2-Chlorotoluene	1.0	U	1.0	0.25	ug/m3			03/14/22 10:49	1
tert-Butylbenzene	1.1	U	1.1	0.20	ug/m3			03/14/22 10:49	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/14/22 10:49	1
sec-Butylbenzene	1.1	U	1.1	0.21	ug/m3			03/14/22 10:49	1
4-Isopropyltoluene	1.1	U	1.1	0.21	ug/m3			03/14/22 10:49	1
1,3-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/14/22 10:49	1
1,4-Dichlorobenzene	1.2	U	1.2	0.57	ug/m3			03/14/22 10:49	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			03/14/22 10:49	1
n-Butylbenzene	1.1	U	1.1	0.30	ug/m3			03/14/22 10:49	1
1,2-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			03/14/22 10:49	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.4	ug/m3			03/14/22 10:49	1
Hexachlorobutadiene	2.1	U	2.1	0.33	ug/m3			03/14/22 10:49	1
Naphthalene	2.6	U	2.6	0.89	ug/m3			03/14/22 10:49	1

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			03/14/22 10:49	1
Chlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			03/14/22 10:49	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.055	ppb v/v			03/14/22 10:49	1
Chloromethane	0.50	U	0.50	0.12	ppb v/v			03/14/22 10:49	1
n-Butane	0.50	U	0.50	0.19	ppb v/v			03/14/22 10:49	1
Vinyl chloride	0.078	U	0.078	0.028	ppb v/v			03/14/22 10:49	1
1,3-Butadiene	0.20	U	0.20	0.038	ppb v/v			03/14/22 10:49	1
Bromomethane	0.20	U	0.20	0.052	ppb v/v			03/14/22 10:49	1
Chloroethane	0.50	U	0.50	0.25	ppb v/v			03/14/22 10:49	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.085	ppb v/v			03/14/22 10:49	1
Trichlorofluoromethane	0.20	U	0.20	0.052	ppb v/v			03/14/22 10:49	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.055	ppb v/v			03/14/22 10:49	1
1,1-Dichloroethene	0.050	U	0.050	0.029	ppb v/v			03/14/22 10:49	1
Acetone	5.0	U	5.0	2.0	ppb v/v			03/14/22 10:49	1
Isopropyl alcohol	5.0	U	5.0	0.98	ppb v/v			03/14/22 10:49	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/14/22 10:49	1
3-Chloropropene	0.50	U	0.50	0.11	ppb v/v			03/14/22 10:49	1
Methylene Chloride	0.50	U	0.50	0.17	ppb v/v			03/14/22 10:49	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/14/22 10:49	1
Methyl tert-butyl ether	0.20	U	0.20	0.080	ppb v/v			03/14/22 10:49	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.088	ppb v/v			03/14/22 10:49	1
n-Hexane	0.50	U	0.50	0.23	ppb v/v			03/14/22 10:49	1
1,1-Dichloroethane	0.20	U	0.20	0.029	ppb v/v			03/14/22 10:49	1

Eurofins Burlington

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-177618/5
Matrix: Air
Analysis Batch: 177618

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.17	ppb v/v			03/14/22 10:49	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.033	ppb v/v			03/14/22 10:49	1
Chloroform	0.20	U	0.20	0.046	ppb v/v			03/14/22 10:49	1
Tetrahydrofuran	5.0	U	5.0	1.2	ppb v/v			03/14/22 10:49	1
1,1,1-Trichloroethane	0.20	U	0.20	0.039	ppb v/v			03/14/22 10:49	1
Cyclohexane	0.20	U	0.20	0.035	ppb v/v			03/14/22 10:49	1
Carbon tetrachloride	0.035	U	0.035	0.032	ppb v/v			03/14/22 10:49	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.035	ppb v/v			03/14/22 10:49	1
Benzene	0.20	U	0.20	0.074	ppb v/v			03/14/22 10:49	1
1,2-Dichloroethane	0.20	U	0.20	0.15	ppb v/v			03/14/22 10:49	1
n-Heptane	0.20	U	0.20	0.059	ppb v/v			03/14/22 10:49	1
Trichloroethene	0.037	U	0.037	0.024	ppb v/v			03/14/22 10:49	1
Methyl methacrylate	0.50	U	0.50	0.16	ppb v/v			03/14/22 10:49	1
1,2-Dichloropropane	0.20	U	0.20	0.087	ppb v/v			03/14/22 10:49	1
1,4-Dioxane	5.0	U	5.0	1.7	ppb v/v			03/14/22 10:49	1
Bromodichloromethane	0.20	U	0.20	0.040	ppb v/v			03/14/22 10:49	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.020	ppb v/v			03/14/22 10:49	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.19	ppb v/v			03/14/22 10:49	1
Toluene	0.20	U	0.20	0.093	ppb v/v			03/14/22 10:49	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.089	ppb v/v			03/14/22 10:49	1
1,1,2-Trichloroethane	0.20	U	0.20	0.034	ppb v/v			03/14/22 10:49	1
Tetrachloroethene	0.20	U	0.20	0.027	ppb v/v			03/14/22 10:49	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			03/14/22 10:49	1
Dibromochloromethane	0.20	U	0.20	0.031	ppb v/v			03/14/22 10:49	1
1,2-Dibromoethane	0.20	U	0.20	0.046	ppb v/v			03/14/22 10:49	1
Chlorobenzene	0.20	U	0.20	0.043	ppb v/v			03/14/22 10:49	1
Ethylbenzene	0.20	U	0.20	0.10	ppb v/v			03/14/22 10:49	1
m,p-Xylene	0.50	U	0.50	0.17	ppb v/v			03/14/22 10:49	1
o-Xylene	0.20	U	0.20	0.094	ppb v/v			03/14/22 10:49	1
Styrene	0.20	U	0.20	0.032	ppb v/v			03/14/22 10:49	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			03/14/22 10:49	1
Cumene	0.20	U	0.20	0.037	ppb v/v			03/14/22 10:49	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/14/22 10:49	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/14/22 10:49	1
4-Ethyltoluene	0.20	U	0.20	0.051	ppb v/v			03/14/22 10:49	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.044	ppb v/v			03/14/22 10:49	1
2-Chlorotoluene	0.20	U	0.20	0.048	ppb v/v			03/14/22 10:49	1
tert-Butylbenzene	0.20	U	0.20	0.037	ppb v/v			03/14/22 10:49	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/14/22 10:49	1
sec-Butylbenzene	0.20	U	0.20	0.039	ppb v/v			03/14/22 10:49	1
4-Isopropyltoluene	0.20	U	0.20	0.039	ppb v/v			03/14/22 10:49	1
1,3-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/14/22 10:49	1
1,4-Dichlorobenzene	0.20	U	0.20	0.095	ppb v/v			03/14/22 10:49	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			03/14/22 10:49	1
n-Butylbenzene	0.20	U	0.20	0.055	ppb v/v			03/14/22 10:49	1
1,2-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			03/14/22 10:49	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.19	ppb v/v			03/14/22 10:49	1
Hexachlorobutadiene	0.20	U	0.20	0.031	ppb v/v			03/14/22 10:49	1

Eurofins Burlington

QC Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-177618/5
Matrix: Air
Analysis Batch: 177618

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.50	U	0.50	0.17	ppb v/v			03/14/22 10:49	1

Lab Sample ID: LCS 200-177618/4
Matrix: Air
Analysis Batch: 177618

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	49.4	59.0		ug/m3		119	61 - 142
Chlorodifluoromethane	35.4	43.2		ug/m3		122	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	82.0		ug/m3		117	71 - 141
Chloromethane	20.6	25.3		ug/m3		123	56 - 141
n-Butane	23.8	23.2		ug/m3		98	53 - 151
Vinyl chloride	25.6	24.5		ug/m3		96	61 - 135
1,3-Butadiene	22.1	20.0		ug/m3		90	58 - 139
Bromomethane	38.8	42.7		ug/m3		110	72 - 124
Chloroethane	26.4	29.7		ug/m3		113	68 - 130
Bromoethene(Vinyl Bromide)	43.7	45.3		ug/m3		104	75 - 125
Trichlorofluoromethane	56.2	60.3		ug/m3		107	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	75.7		ug/m3		99	70 - 121
1,1-Dichloroethene	39.6	36.8		ug/m3		93	68 - 120
Acetone	23.7	23.9		ug/m3		101	54 - 154
Isopropyl alcohol	24.6	22.2		ug/m3		90	53 - 142
Carbon disulfide	31.1	28.7		ug/m3		92	71 - 138
3-Chloropropene	31.3	28.7		ug/m3		92	50 - 150
Methylene Chloride	34.7	32.4		ug/m3		93	59 - 137
tert-Butyl alcohol	30.3	28.4		ug/m3		94	66 - 132
Methyl tert-butyl ether	36.0	36.1		ug/m3		100	70 - 127
trans-1,2-Dichloroethene	39.6	37.5		ug/m3		95	69 - 137
n-Hexane	35.2	31.9		ug/m3		91	63 - 138
1,1-Dichloroethane	40.5	38.1		ug/m3		94	66 - 130
Methyl Ethyl Ketone (2-Butanone)	29.5	26.5		ug/m3		90	72 - 124
cis-1,2-Dichloroethene	39.6	36.0		ug/m3		91	72 - 121
Chloroform	48.8	47.8		ug/m3		98	73 - 124
Tetrahydrofuran	29.5	27.0		ug/m3		92	60 - 149
1,1,1-Trichloroethane	54.6	55.1		ug/m3		101	72 - 127
Cyclohexane	34.4	31.8		ug/m3		92	76 - 124
Carbon tetrachloride	62.9	63.1		ug/m3		100	71 - 133
2,2,4-Trimethylpentane	46.7	43.1		ug/m3		92	68 - 131
Benzene	31.9	29.4		ug/m3		92	73 - 119
1,2-Dichloroethane	40.5	41.6		ug/m3		103	68 - 135
n-Heptane	41.0	37.6		ug/m3		92	60 - 142
Trichloroethene	53.7	51.1		ug/m3		95	73 - 122
Methyl methacrylate	40.9	40.3		ug/m3		98	73 - 129
1,2-Dichloropropane	46.2	42.4		ug/m3		92	69 - 128
1,4-Dioxane	36.0	34.0		ug/m3		94	66 - 129
Bromodichloromethane	67.0	66.9		ug/m3		100	75 - 127
cis-1,3-Dichloropropene	45.4	45.2		ug/m3		100	74 - 125

Eurofins Burlington

QC Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-177618/4

Matrix: Air

Analysis Batch: 177618

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	40.4		ug/m3		99	58 - 144
Toluene	37.7	35.1		ug/m3		93	75 - 122
trans-1,3-Dichloropropene	45.4	47.5		ug/m3		105	74 - 128
1,1,2-Trichloroethane	54.6	50.8		ug/m3		93	75 - 126
Tetrachloroethene	67.8	65.1		ug/m3		96	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	41.2		ug/m3		100	57 - 143
Dibromochloromethane	85.2	82.9		ug/m3		97	73 - 125
1,2-Dibromoethane	76.8	74.7		ug/m3		97	78 - 122
Chlorobenzene	46.0	43.9		ug/m3		95	76 - 119
Ethylbenzene	43.4	43.2		ug/m3		100	74 - 122
m,p-Xylene	86.8	93.7		ug/m3		108	76 - 121
o-Xylene	43.4	43.5		ug/m3		100	73 - 123
Styrene	42.6	45.6		ug/m3		107	74 - 125
Bromoform	103	103		ug/m3		100	53 - 149
Cumene	49.1	50.2		ug/m3		102	73 - 123
1,1,2,2-Tetrachloroethane	68.6	67.9		ug/m3		99	74 - 126
n-Propylbenzene	49.1	51.5		ug/m3		105	73 - 127
4-Ethyltoluene	49.2	53.0		ug/m3		108	75 - 129
1,3,5-Trimethylbenzene	49.2	52.3		ug/m3		106	72 - 126
2-Chlorotoluene	51.8	52.6		ug/m3		102	74 - 126
tert-Butylbenzene	54.9	57.2		ug/m3		104	71 - 125
1,2,4-Trimethylbenzene	49.2	53.9		ug/m3		110	71 - 129
sec-Butylbenzene	54.9	57.9		ug/m3		105	70 - 128
4-Isopropyltoluene	54.9	60.0		ug/m3		109	68 - 130
1,3-Dichlorobenzene	60.1	64.8		ug/m3		108	69 - 131
1,4-Dichlorobenzene	60.1	65.3		ug/m3		109	67 - 132
Benzyl chloride	51.8	55.3		ug/m3		107	60 - 136
n-Butylbenzene	54.9	63.0		ug/m3		115	65 - 137
1,2-Dichlorobenzene	60.1	64.4		ug/m3		107	68 - 129
1,2,4-Trichlorobenzene	74.2	66.7		ug/m3		90	50 - 150
Hexachlorobutadiene	107	109		ug/m3		103	58 - 130
Naphthalene	52.4	40.7		ug/m3		78	50 - 150
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	10	11.9		ppb v/v		119	61 - 142
Chlorodifluoromethane	10	12.2		ppb v/v		122	60 - 147
1,2-Dichlorotetrafluoroethane	10	11.7		ppb v/v		117	71 - 141
Chloromethane	10	12.3		ppb v/v		123	56 - 141
n-Butane	10	9.77		ppb v/v		98	53 - 151
Vinyl chloride	10	9.60		ppb v/v		96	61 - 135
1,3-Butadiene	10	9.03		ppb v/v		90	58 - 139
Bromomethane	10	11.0		ppb v/v		110	72 - 124
Chloroethane	10	11.3		ppb v/v		113	68 - 130
Bromoethene(Vinyl Bromide)	10	10.4		ppb v/v		104	75 - 125
Trichlorofluoromethane	10	10.7		ppb v/v		107	70 - 129
1,1,2-Trichlorotrifluoroethane	10	9.87		ppb v/v		99	70 - 121
1,1-Dichloroethene	10	9.29		ppb v/v		93	68 - 120

Eurofins Burlington

QC Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-177618/4

Matrix: Air

Analysis Batch: 177618

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10	10.1		ppb v/v		101	54 - 154
Isopropyl alcohol	10	9.01		ppb v/v		90	53 - 142
Carbon disulfide	10	9.22		ppb v/v		92	71 - 138
3-Chloropropene	10	9.18		ppb v/v		92	50 - 150
Methylene Chloride	10	9.34		ppb v/v		93	59 - 137
tert-Butyl alcohol	10	9.36		ppb v/v		94	66 - 132
Methyl tert-butyl ether	10	10.0		ppb v/v		100	70 - 127
trans-1,2-Dichloroethene	10	9.46		ppb v/v		95	69 - 137
n-Hexane	10	9.06		ppb v/v		91	63 - 138
1,1-Dichloroethane	10	9.42		ppb v/v		94	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	8.98		ppb v/v		90	72 - 124
cis-1,2-Dichloroethene	10	9.07		ppb v/v		91	72 - 121
Chloroform	10	9.80		ppb v/v		98	73 - 124
Tetrahydrofuran	10	9.15		ppb v/v		92	60 - 149
1,1,1-Trichloroethane	10	10.1		ppb v/v		101	72 - 127
Cyclohexane	10	9.23		ppb v/v		92	76 - 124
Carbon tetrachloride	10	10.0		ppb v/v		100	71 - 133
2,2,4-Trimethylpentane	10	9.22		ppb v/v		92	68 - 131
Benzene	10	9.21		ppb v/v		92	73 - 119
1,2-Dichloroethane	10	10.3		ppb v/v		103	68 - 135
n-Heptane	10	9.18		ppb v/v		92	60 - 142
Trichloroethene	10	9.51		ppb v/v		95	73 - 122
Methyl methacrylate	10	9.84		ppb v/v		98	73 - 129
1,2-Dichloropropane	10	9.17		ppb v/v		92	69 - 128
1,4-Dioxane	10	9.43		ppb v/v		94	66 - 129
Bromodichloromethane	10	9.98		ppb v/v		100	75 - 127
cis-1,3-Dichloropropene	10	9.96		ppb v/v		100	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	9.87		ppb v/v		99	58 - 144
Toluene	10	9.31		ppb v/v		93	75 - 122
trans-1,3-Dichloropropene	10	10.5		ppb v/v		105	74 - 128
1,1,2-Trichloroethane	10	9.30		ppb v/v		93	75 - 126
Tetrachloroethene	10	9.60		ppb v/v		96	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	10.0		ppb v/v		100	57 - 143
Dibromochloromethane	10	9.73		ppb v/v		97	73 - 125
1,2-Dibromoethane	10	9.73		ppb v/v		97	78 - 122
Chlorobenzene	10	9.53		ppb v/v		95	76 - 119
Ethylbenzene	10	9.96		ppb v/v		100	74 - 122
m,p-Xylene	20	21.6		ppb v/v		108	76 - 121
o-Xylene	10	10.0		ppb v/v		100	73 - 123
Styrene	10	10.7		ppb v/v		107	74 - 125
Bromoform	10	10.0		ppb v/v		100	53 - 149
Cumene	10	10.2		ppb v/v		102	73 - 123
1,1,2,2-Tetrachloroethane	10	9.89		ppb v/v		99	74 - 126
n-Propylbenzene	10	10.5		ppb v/v		105	73 - 127
4-Ethyltoluene	10	10.8		ppb v/v		108	75 - 129
1,3,5-Trimethylbenzene	10	10.6		ppb v/v		106	72 - 126

Eurofins Burlington

QC Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-177618/4
Matrix: Air
Analysis Batch: 177618

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	10	10.1		ppb v/v		102	74 - 126
tert-Butylbenzene	10	10.4		ppb v/v		104	71 - 125
1,2,4-Trimethylbenzene	10	11.0		ppb v/v		110	71 - 129
sec-Butylbenzene	10	10.5		ppb v/v		105	70 - 128
4-Isopropyltoluene	10	10.9		ppb v/v		109	68 - 130
1,3-Dichlorobenzene	10	10.8		ppb v/v		108	69 - 131
1,4-Dichlorobenzene	10	10.9		ppb v/v		109	67 - 132
Benzyl chloride	10	10.7		ppb v/v		107	60 - 136
n-Butylbenzene	10	11.5		ppb v/v		115	65 - 137
1,2-Dichlorobenzene	10	10.7		ppb v/v		107	68 - 129
1,2,4-Trichlorobenzene	10	8.99		ppb v/v		90	50 - 150
Hexachlorobutadiene	10	10.3		ppb v/v		103	58 - 130
Naphthalene	10	7.77		ppb v/v		78	50 - 150

Lab Sample ID: MB 200-177654/5
Matrix: Air
Analysis Batch: 177654

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			03/15/22 11:01	1
Chlorodifluoromethane	1.8	U	1.8	0.39	ug/m3			03/15/22 11:01	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.38	ug/m3			03/15/22 11:01	1
Chloromethane	1.0	U	1.0	0.25	ug/m3			03/15/22 11:01	1
n-Butane	1.2	U	1.2	0.45	ug/m3			03/15/22 11:01	1
Vinyl chloride	0.20	U	0.20	0.072	ug/m3			03/15/22 11:01	1
1,3-Butadiene	0.44	U	0.44	0.084	ug/m3			03/15/22 11:01	1
Bromomethane	0.78	U	0.78	0.20	ug/m3			03/15/22 11:01	1
Chloroethane	1.3	U	1.3	0.66	ug/m3			03/15/22 11:01	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.37	ug/m3			03/15/22 11:01	1
Trichlorofluoromethane	1.1	U	1.1	0.29	ug/m3			03/15/22 11:01	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.42	ug/m3			03/15/22 11:01	1
1,1-Dichloroethene	0.20	U	0.20	0.11	ug/m3			03/15/22 11:01	1
Acetone	12	U	12	4.8	ug/m3			03/15/22 11:01	1
Isopropyl alcohol	12	U	12	2.4	ug/m3			03/15/22 11:01	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			03/15/22 11:01	1
3-Chloropropene	1.6	U	1.6	0.34	ug/m3			03/15/22 11:01	1
Methylene Chloride	1.7	U	1.7	0.59	ug/m3			03/15/22 11:01	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			03/15/22 11:01	1
Methyl tert-butyl ether	0.72	U	0.72	0.29	ug/m3			03/15/22 11:01	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.35	ug/m3			03/15/22 11:01	1
n-Hexane	1.8	U	1.8	0.81	ug/m3			03/15/22 11:01	1
1,1-Dichloroethane	0.81	U	0.81	0.12	ug/m3			03/15/22 11:01	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	0.50	ug/m3			03/15/22 11:01	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			03/15/22 11:01	1
Chloroform	0.98	U	0.98	0.22	ug/m3			03/15/22 11:01	1
Tetrahydrofuran	15	U	15	3.5	ug/m3			03/15/22 11:01	1
1,1,1-Trichloroethane	1.1	U	1.1	0.21	ug/m3			03/15/22 11:01	1
Cyclohexane	0.69	U	0.69	0.12	ug/m3			03/15/22 11:01	1
Carbon tetrachloride	0.22	U	0.22	0.20	ug/m3			03/15/22 11:01	1

Eurofins Burlington

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-177654/5
Matrix: Air
Analysis Batch: 177654

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,2,4-Trimethylpentane	0.93	U	0.93	0.16	ug/m3			03/15/22 11:01	1
Benzene	0.64	U	0.64	0.24	ug/m3			03/15/22 11:01	1
1,2-Dichloroethane	0.81	U	0.81	0.61	ug/m3			03/15/22 11:01	1
n-Heptane	0.82	U	0.82	0.24	ug/m3			03/15/22 11:01	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			03/15/22 11:01	1
Methyl methacrylate	2.0	U	2.0	0.66	ug/m3			03/15/22 11:01	1
1,2-Dichloropropane	0.92	U	0.92	0.40	ug/m3			03/15/22 11:01	1
1,4-Dioxane	18	U	18	6.1	ug/m3			03/15/22 11:01	1
Bromodichloromethane	1.3	U	1.3	0.27	ug/m3			03/15/22 11:01	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.091	ug/m3			03/15/22 11:01	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.78	ug/m3			03/15/22 11:01	1
Toluene	0.75	U	0.75	0.35	ug/m3			03/15/22 11:01	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.40	ug/m3			03/15/22 11:01	1
1,1,2-Trichloroethane	1.1	U	1.1	0.19	ug/m3			03/15/22 11:01	1
Tetrachloroethene	1.4	U	1.4	0.18	ug/m3			03/15/22 11:01	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.82	ug/m3			03/15/22 11:01	1
Dibromochloromethane	1.7	U	1.7	0.26	ug/m3			03/15/22 11:01	1
1,2-Dibromoethane	1.5	U	1.5	0.35	ug/m3			03/15/22 11:01	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			03/15/22 11:01	1
Ethylbenzene	0.87	U	0.87	0.43	ug/m3			03/15/22 11:01	1
m,p-Xylene	2.2	U	2.2	0.74	ug/m3			03/15/22 11:01	1
o-Xylene	0.87	U	0.87	0.41	ug/m3			03/15/22 11:01	1
Styrene	0.85	U	0.85	0.14	ug/m3			03/15/22 11:01	1
Bromoform	2.1	U	2.1	0.60	ug/m3			03/15/22 11:01	1
Cumene	0.98	U	0.98	0.18	ug/m3			03/15/22 11:01	1
1,1,1,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			03/15/22 11:01	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			03/15/22 11:01	1
4-Ethyltoluene	0.98	U	0.98	0.25	ug/m3			03/15/22 11:01	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.22	ug/m3			03/15/22 11:01	1
2-Chlorotoluene	1.0	U	1.0	0.25	ug/m3			03/15/22 11:01	1
tert-Butylbenzene	1.1	U	1.1	0.20	ug/m3			03/15/22 11:01	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			03/15/22 11:01	1
sec-Butylbenzene	1.1	U	1.1	0.21	ug/m3			03/15/22 11:01	1
4-Isopropyltoluene	1.1	U	1.1	0.21	ug/m3			03/15/22 11:01	1
1,3-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			03/15/22 11:01	1
1,4-Dichlorobenzene	1.2	U	1.2	0.57	ug/m3			03/15/22 11:01	1
Benzyl chloride	1.0	U	1.0	0.38	ug/m3			03/15/22 11:01	1
n-Butylbenzene	1.1	U	1.1	0.30	ug/m3			03/15/22 11:01	1
1,2-Dichlorobenzene	1.2	U	1.2	0.42	ug/m3			03/15/22 11:01	1
1,2,4-Trichlorobenzene	3.7	U	3.7	1.4	ug/m3			03/15/22 11:01	1
Hexachlorobutadiene	2.1	U	2.1	0.33	ug/m3			03/15/22 11:01	1
Naphthalene	2.6	U	2.6	0.89	ug/m3			03/15/22 11:01	1
Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			03/15/22 11:01	1
Chlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			03/15/22 11:01	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.055	ppb v/v			03/15/22 11:01	1
Chloromethane	0.50	U	0.50	0.12	ppb v/v			03/15/22 11:01	1

Eurofins Burlington

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-177654/5
Matrix: Air
Analysis Batch: 177654

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
n-Butane	0.50	U	0.50	0.19	ppb v/v			03/15/22 11:01	1
Vinyl chloride	0.078	U	0.078	0.028	ppb v/v			03/15/22 11:01	1
1,3-Butadiene	0.20	U	0.20	0.038	ppb v/v			03/15/22 11:01	1
Bromomethane	0.20	U	0.20	0.052	ppb v/v			03/15/22 11:01	1
Chloroethane	0.50	U	0.50	0.25	ppb v/v			03/15/22 11:01	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.085	ppb v/v			03/15/22 11:01	1
Trichlorofluoromethane	0.20	U	0.20	0.052	ppb v/v			03/15/22 11:01	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.055	ppb v/v			03/15/22 11:01	1
1,1-Dichloroethene	0.050	U	0.050	0.029	ppb v/v			03/15/22 11:01	1
Acetone	5.0	U	5.0	2.0	ppb v/v			03/15/22 11:01	1
Isopropyl alcohol	5.0	U	5.0	0.98	ppb v/v			03/15/22 11:01	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			03/15/22 11:01	1
3-Chloropropene	0.50	U	0.50	0.11	ppb v/v			03/15/22 11:01	1
Methylene Chloride	0.50	U	0.50	0.17	ppb v/v			03/15/22 11:01	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			03/15/22 11:01	1
Methyl tert-butyl ether	0.20	U	0.20	0.080	ppb v/v			03/15/22 11:01	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.088	ppb v/v			03/15/22 11:01	1
n-Hexane	0.50	U	0.50	0.23	ppb v/v			03/15/22 11:01	1
1,1-Dichloroethane	0.20	U	0.20	0.029	ppb v/v			03/15/22 11:01	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.17	ppb v/v			03/15/22 11:01	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.033	ppb v/v			03/15/22 11:01	1
Chloroform	0.20	U	0.20	0.046	ppb v/v			03/15/22 11:01	1
Tetrahydrofuran	5.0	U	5.0	1.2	ppb v/v			03/15/22 11:01	1
1,1,1-Trichloroethane	0.20	U	0.20	0.039	ppb v/v			03/15/22 11:01	1
Cyclohexane	0.20	U	0.20	0.035	ppb v/v			03/15/22 11:01	1
Carbon tetrachloride	0.035	U	0.035	0.032	ppb v/v			03/15/22 11:01	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.035	ppb v/v			03/15/22 11:01	1
Benzene	0.20	U	0.20	0.074	ppb v/v			03/15/22 11:01	1
1,2-Dichloroethane	0.20	U	0.20	0.15	ppb v/v			03/15/22 11:01	1
n-Heptane	0.20	U	0.20	0.059	ppb v/v			03/15/22 11:01	1
Trichloroethene	0.037	U	0.037	0.024	ppb v/v			03/15/22 11:01	1
Methyl methacrylate	0.50	U	0.50	0.16	ppb v/v			03/15/22 11:01	1
1,2-Dichloropropane	0.20	U	0.20	0.087	ppb v/v			03/15/22 11:01	1
1,4-Dioxane	5.0	U	5.0	1.7	ppb v/v			03/15/22 11:01	1
Bromodichloromethane	0.20	U	0.20	0.040	ppb v/v			03/15/22 11:01	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.020	ppb v/v			03/15/22 11:01	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.19	ppb v/v			03/15/22 11:01	1
Toluene	0.20	U	0.20	0.093	ppb v/v			03/15/22 11:01	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.089	ppb v/v			03/15/22 11:01	1
1,1,2-Trichloroethane	0.20	U	0.20	0.034	ppb v/v			03/15/22 11:01	1
Tetrachloroethene	0.20	U	0.20	0.027	ppb v/v			03/15/22 11:01	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.20	ppb v/v			03/15/22 11:01	1
Dibromochloromethane	0.20	U	0.20	0.031	ppb v/v			03/15/22 11:01	1
1,2-Dibromoethane	0.20	U	0.20	0.046	ppb v/v			03/15/22 11:01	1
Chlorobenzene	0.20	U	0.20	0.043	ppb v/v			03/15/22 11:01	1
Ethylbenzene	0.20	U	0.20	0.10	ppb v/v			03/15/22 11:01	1
m,p-Xylene	0.50	U	0.50	0.17	ppb v/v			03/15/22 11:01	1
o-Xylene	0.20	U	0.20	0.094	ppb v/v			03/15/22 11:01	1

Eurofins Burlington

QC Sample Results

Client: AKRF Inc
 Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-177654/5
Matrix: Air
Analysis Batch: 177654

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Styrene	0.20	U	0.20	0.032	ppb v/v			03/15/22 11:01	1
Bromoform	0.20	U	0.20	0.058	ppb v/v			03/15/22 11:01	1
Cumene	0.20	U	0.20	0.037	ppb v/v			03/15/22 11:01	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			03/15/22 11:01	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			03/15/22 11:01	1
4-Ethyltoluene	0.20	U	0.20	0.051	ppb v/v			03/15/22 11:01	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.044	ppb v/v			03/15/22 11:01	1
2-Chlorotoluene	0.20	U	0.20	0.048	ppb v/v			03/15/22 11:01	1
tert-Butylbenzene	0.20	U	0.20	0.037	ppb v/v			03/15/22 11:01	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			03/15/22 11:01	1
sec-Butylbenzene	0.20	U	0.20	0.039	ppb v/v			03/15/22 11:01	1
4-Isopropyltoluene	0.20	U	0.20	0.039	ppb v/v			03/15/22 11:01	1
1,3-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			03/15/22 11:01	1
1,4-Dichlorobenzene	0.20	U	0.20	0.095	ppb v/v			03/15/22 11:01	1
Benzyl chloride	0.20	U	0.20	0.074	ppb v/v			03/15/22 11:01	1
n-Butylbenzene	0.20	U	0.20	0.055	ppb v/v			03/15/22 11:01	1
1,2-Dichlorobenzene	0.20	U	0.20	0.070	ppb v/v			03/15/22 11:01	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.19	ppb v/v			03/15/22 11:01	1
Hexachlorobutadiene	0.20	U	0.20	0.031	ppb v/v			03/15/22 11:01	1
Naphthalene	0.50	U	0.50	0.17	ppb v/v			03/15/22 11:01	1

Lab Sample ID: LCS 200-177654/4
Matrix: Air
Analysis Batch: 177654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Dichlorodifluoromethane	49.4	47.5		ug/m3		96	61 - 142
Chlorodifluoromethane	35.4	34.1		ug/m3		96	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	63.8		ug/m3		91	71 - 141
Chloromethane	20.6	18.9		ug/m3		92	56 - 141
n-Butane	23.8	22.2		ug/m3		94	53 - 151
Vinyl chloride	25.6	22.1		ug/m3		86	61 - 135
1,3-Butadiene	22.1	19.4		ug/m3		88	58 - 139
Bromomethane	38.8	34.9		ug/m3		90	72 - 124
Chloroethane	26.4	24.4		ug/m3		92	68 - 130
Bromoethene(Vinyl Bromide)	43.7	38.9		ug/m3		89	75 - 125
Trichlorofluoromethane	56.2	51.8		ug/m3		92	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	69.3		ug/m3		90	70 - 121
1,1-Dichloroethene	39.6	34.3		ug/m3		87	68 - 120
Acetone	23.7	25.7		ug/m3		108	54 - 154
Isopropyl alcohol	24.6	25.5		ug/m3		104	53 - 142
Carbon disulfide	31.1	28.6		ug/m3		92	71 - 138
3-Chloropropene	31.3	26.1		ug/m3		84	50 - 150
Methylene Chloride	34.7	32.1		ug/m3		93	59 - 137
tert-Butyl alcohol	30.3	30.0		ug/m3		99	66 - 132
Methyl tert-butyl ether	36.0	33.0		ug/m3		92	70 - 127
trans-1,2-Dichloroethene	39.6	34.4		ug/m3		87	69 - 137
n-Hexane	35.2	31.4		ug/m3		89	63 - 138
1,1-Dichloroethane	40.5	34.7		ug/m3		86	66 - 130

Eurofins Burlington

QC Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-177654/4
Matrix: Air
Analysis Batch: 177654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl Ethyl Ketone (2-Butanone)	29.5	29.1		ug/m3		99	72 - 124
cis-1,2-Dichloroethene	39.6	34.3		ug/m3		86	72 - 121
Chloroform	48.8	45.1		ug/m3		92	73 - 124
Tetrahydrofuran	29.5	29.6		ug/m3		100	60 - 149
1,1,1-Trichloroethane	54.6	51.2		ug/m3		94	72 - 127
Cyclohexane	34.4	31.4		ug/m3		91	76 - 124
Carbon tetrachloride	62.9	58.5		ug/m3		93	71 - 133
2,2,4-Trimethylpentane	46.7	42.8		ug/m3		92	68 - 131
Benzene	31.9	28.5		ug/m3		89	73 - 119
1,2-Dichloroethane	40.5	38.5		ug/m3		95	68 - 135
n-Heptane	41.0	38.2		ug/m3		93	60 - 142
Trichloroethene	53.7	46.6		ug/m3		87	73 - 122
Methyl methacrylate	40.9	39.7		ug/m3		97	73 - 129
1,2-Dichloropropane	46.2	41.9		ug/m3		91	69 - 128
1,4-Dioxane	36.0	36.4		ug/m3		101	66 - 129
Bromodichloromethane	67.0	62.5		ug/m3		93	75 - 127
cis-1,3-Dichloropropene	45.4	42.4		ug/m3		94	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	41.4		ug/m3		101	58 - 144
Toluene	37.7	34.3		ug/m3		91	75 - 122
trans-1,3-Dichloropropene	45.4	42.7		ug/m3		94	74 - 128
1,1,2-Trichloroethane	54.6	49.7		ug/m3		91	75 - 126
Tetrachloroethene	67.8	59.5		ug/m3		88	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	42.1		ug/m3		103	57 - 143
Dibromochloromethane	85.2	79.4		ug/m3		93	73 - 125
1,2-Dibromoethane	76.8	71.7		ug/m3		93	78 - 122
Chlorobenzene	46.0	41.3		ug/m3		90	76 - 119
Ethylbenzene	43.4	39.8		ug/m3		92	74 - 122
m,p-Xylene	86.8	79.6		ug/m3		92	76 - 121
o-Xylene	43.4	39.8		ug/m3		92	73 - 123
Styrene	42.6	40.3		ug/m3		95	74 - 125
Bromoform	103	95.2		ug/m3		92	53 - 149
Cumene	49.1	45.3		ug/m3		92	73 - 123
1,1,2,2-Tetrachloroethane	68.6	62.7		ug/m3		91	74 - 126
n-Propylbenzene	49.1	45.5		ug/m3		93	73 - 127
4-Ethyltoluene	49.2	45.7		ug/m3		93	75 - 129
1,3,5-Trimethylbenzene	49.2	45.9		ug/m3		93	72 - 126
2-Chlorotoluene	51.8	48.1		ug/m3		93	74 - 126
tert-Butylbenzene	54.9	50.6		ug/m3		92	71 - 125
1,2,4-Trimethylbenzene	49.2	45.7		ug/m3		93	71 - 129
sec-Butylbenzene	54.9	51.1		ug/m3		93	70 - 128
4-Isopropyltoluene	54.9	51.3		ug/m3		93	68 - 130
1,3-Dichlorobenzene	60.1	54.4		ug/m3		90	69 - 131
1,4-Dichlorobenzene	60.1	53.8		ug/m3		90	67 - 132
Benzyl chloride	51.8	47.6		ug/m3		92	60 - 136
n-Butylbenzene	54.9	51.6		ug/m3		94	65 - 137
1,2-Dichlorobenzene	60.1	54.0		ug/m3		90	68 - 129

Eurofins Burlington

QC Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-177654/4

Matrix: Air

Analysis Batch: 177654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	74.2	63.5		ug/m3		86	50 - 150
Hexachlorobutadiene	107	94.4		ug/m3		89	58 - 130
Naphthalene	52.4	42.8		ug/m3		82	50 - 150
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	10	9.61		ppb v/v		96	61 - 142
Chlorodifluoromethane	10	9.64		ppb v/v		96	60 - 147
1,2-Dichlorotetrafluoroethane	10	9.13		ppb v/v		91	71 - 141
Chloromethane	10	9.17		ppb v/v		92	56 - 141
n-Butane	10	9.36		ppb v/v		94	53 - 151
Vinyl chloride	10	8.65		ppb v/v		86	61 - 135
1,3-Butadiene	10	8.78		ppb v/v		88	58 - 139
Bromomethane	10	8.98		ppb v/v		90	72 - 124
Chloroethane	10	9.24		ppb v/v		92	68 - 130
Bromoethene(Vinyl Bromide)	10	8.90		ppb v/v		89	75 - 125
Trichlorofluoromethane	10	9.21		ppb v/v		92	70 - 129
1,1,2-Trichlorotrifluoroethane	10	9.04		ppb v/v		90	70 - 121
1,1-Dichloroethene	10	8.66		ppb v/v		87	68 - 120
Acetone	10	10.8		ppb v/v		108	54 - 154
Isopropyl alcohol	10	10.4		ppb v/v		104	53 - 142
Carbon disulfide	10	9.18		ppb v/v		92	71 - 138
3-Chloropropene	10	8.35		ppb v/v		84	50 - 150
Methylene Chloride	10	9.25		ppb v/v		93	59 - 137
tert-Butyl alcohol	10	9.90		ppb v/v		99	66 - 132
Methyl tert-butyl ether	10	9.16		ppb v/v		92	70 - 127
trans-1,2-Dichloroethene	10	8.69		ppb v/v		87	69 - 137
n-Hexane	10	8.91		ppb v/v		89	63 - 138
1,1-Dichloroethane	10	8.57		ppb v/v		86	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	9.88		ppb v/v		99	72 - 124
cis-1,2-Dichloroethene	10	8.64		ppb v/v		86	72 - 121
Chloroform	10	9.23		ppb v/v		92	73 - 124
Tetrahydrofuran	10	10.0		ppb v/v		100	60 - 149
1,1,1-Trichloroethane	10	9.39		ppb v/v		94	72 - 127
Cyclohexane	10	9.12		ppb v/v		91	76 - 124
Carbon tetrachloride	10	9.30		ppb v/v		93	71 - 133
2,2,4-Trimethylpentane	10	9.15		ppb v/v		92	68 - 131
Benzene	10	8.93		ppb v/v		89	73 - 119
1,2-Dichloroethane	10	9.50		ppb v/v		95	68 - 135
n-Heptane	10	9.31		ppb v/v		93	60 - 142
Trichloroethene	10	8.67		ppb v/v		87	73 - 122
Methyl methacrylate	10	9.70		ppb v/v		97	73 - 129
1,2-Dichloropropane	10	9.06		ppb v/v		91	69 - 128
1,4-Dioxane	10	10.1		ppb v/v		101	66 - 129
Bromodichloromethane	10	9.32		ppb v/v		93	75 - 127
cis-1,3-Dichloropropene	10	9.35		ppb v/v		94	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	10.1		ppb v/v		101	58 - 144
Toluene	10	9.11		ppb v/v		91	75 - 122

Eurofins Burlington

QC Sample Results

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-177654/4
Matrix: Air
Analysis Batch: 177654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	10	9.41		ppb v/v		94	74 - 128
1,1,2-Trichloroethane	10	9.12		ppb v/v		91	75 - 126
Tetrachloroethene	10	8.77		ppb v/v		88	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	10.3		ppb v/v		103	57 - 143
Dibromochloromethane	10	9.32		ppb v/v		93	73 - 125
1,2-Dibromoethane	10	9.33		ppb v/v		93	78 - 122
Chlorobenzene	10	8.97		ppb v/v		90	76 - 119
Ethylbenzene	10	9.16		ppb v/v		92	74 - 122
m,p-Xylene	20	18.3		ppb v/v		92	76 - 121
o-Xylene	10	9.16		ppb v/v		92	73 - 123
Styrene	10	9.46		ppb v/v		95	74 - 125
Bromoform	10	9.21		ppb v/v		92	53 - 149
Cumene	10	9.22		ppb v/v		92	73 - 123
1,1,2,2-Tetrachloroethane	10	9.14		ppb v/v		91	74 - 126
n-Propylbenzene	10	9.26		ppb v/v		93	73 - 127
4-Ethyltoluene	10	9.29		ppb v/v		93	75 - 129
1,3,5-Trimethylbenzene	10	9.33		ppb v/v		93	72 - 126
2-Chlorotoluene	10	9.29		ppb v/v		93	74 - 126
tert-Butylbenzene	10	9.21		ppb v/v		92	71 - 125
1,2,4-Trimethylbenzene	10	9.29		ppb v/v		93	71 - 129
sec-Butylbenzene	10	9.30		ppb v/v		93	70 - 128
4-Isopropyltoluene	10	9.34		ppb v/v		93	68 - 130
1,3-Dichlorobenzene	10	9.04		ppb v/v		90	69 - 131
1,4-Dichlorobenzene	10	8.95		ppb v/v		90	67 - 132
Benzyl chloride	10	9.19		ppb v/v		92	60 - 136
n-Butylbenzene	10	9.39		ppb v/v		94	65 - 137
1,2-Dichlorobenzene	10	8.99		ppb v/v		90	68 - 129
1,2,4-Trichlorobenzene	10	8.55		ppb v/v		86	50 - 150
Hexachlorobutadiene	10	8.85		ppb v/v		89	58 - 130
Naphthalene	10	8.17		ppb v/v		82	50 - 150

QC Association Summary

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Air - GC/MS VOA

Analysis Batch: 177618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-62493-1	SV-01_20220308	Total/NA	Air	TO-15	
200-62493-2	SV-02_20220308	Total/NA	Air	TO-15	
200-62493-2 - DL	SV-02_20220308	Total/NA	Air	TO-15	
200-62493-3	SV-03_20220308	Total/NA	Air	TO-15	
200-62493-4	SV-04_20220308	Total/NA	Air	TO-15	
200-62493-5	SV-05_20220308	Total/NA	Air	TO-15	
200-62493-6	SV-06_20220308	Total/NA	Air	TO-15	
200-62493-7	AA_20220308	Total/NA	Air	TO-15	
MB 200-177618/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-177618/4	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 177654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-62493-4 - DL	SV-04_20220308	Total/NA	Air	TO-15	
MB 200-177654/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-177654/4	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Client Sample ID: SV-01_20220308

Lab Sample ID: 200-62493-1

Date Collected: 03/08/22 11:46

Matrix: Air

Date Received: 03/10/22 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	177618	03/14/22 18:18	A1B	TAL BUR

Client Sample ID: SV-02_20220308

Lab Sample ID: 200-62493-2

Date Collected: 03/08/22 12:28

Matrix: Air

Date Received: 03/10/22 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	177618	03/14/22 19:11	A1B	TAL BUR
Total/NA	Analysis	TO-15	DL	2.99	177618	03/14/22 20:05	A1B	TAL BUR

Client Sample ID: SV-03_20220308

Lab Sample ID: 200-62493-3

Date Collected: 03/08/22 12:30

Matrix: Air

Date Received: 03/10/22 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	177618	03/14/22 20:58	A1B	TAL BUR

Client Sample ID: SV-04_20220308

Lab Sample ID: 200-62493-4

Date Collected: 03/08/22 12:02

Matrix: Air

Date Received: 03/10/22 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15	DL	10	177654	03/15/22 12:53	A1B	TAL BUR
Total/NA	Analysis	TO-15		2.5	177618	03/14/22 21:51	A1B	TAL BUR

Client Sample ID: SV-05_20220308

Lab Sample ID: 200-62493-5

Date Collected: 03/08/22 12:22

Matrix: Air

Date Received: 03/10/22 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	177618	03/14/22 22:45	A1B	TAL BUR

Client Sample ID: SV-06_20220308

Lab Sample ID: 200-62493-6

Date Collected: 03/08/22 12:14

Matrix: Air

Date Received: 03/10/22 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	177618	03/14/22 23:38	A1B	TAL BUR

Client Sample ID: AA_20220308

Lab Sample ID: 200-62493-7

Date Collected: 03/08/22 12:09

Matrix: Air

Date Received: 03/10/22 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	177618	03/15/22 00:31	A1B	TAL BUR

Eurofins Burlington

Lab Chronicle

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Laboratory References:

TAL BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Accreditation/Certification Summary

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Laboratory: Eurofins Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	VT972	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	1,4-Dioxane
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Chlorodifluoromethane
TO-15		Air	m,p-Xylene
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene

Method Summary

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990



Sample Summary

Client: AKRF Inc
Project/Site: 445 163rd Ave, Bronx

Job ID: 200-62493-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-62493-1	SV-01_20220308	Air	03/08/22 11:46	03/10/22 10:35	Air Canister (6-Liter) #11152
200-62493-2	SV-02_20220308	Air	03/08/22 12:28	03/10/22 10:35	Air Canister (6-Liter) #10992
200-62493-3	SV-03_20220308	Air	03/08/22 12:30	03/10/22 10:35	Air Canister (6-Liter) #12094
200-62493-4	SV-04_20220308	Air	03/08/22 12:02	03/10/22 10:35	Air Canister (6-Liter) #10106
200-62493-5	SV-05_20220308	Air	03/08/22 12:22	03/10/22 10:35	Air Canister (6-Liter) #34000707
200-62493-6	SV-06_20220308	Air	03/08/22 12:14	03/10/22 10:35	Air Canister (6-Liter) #34000387
200-62493-7	AA_20220308	Air	03/08/22 12:09	03/10/22 10:35	Air Canister (6-Liter) #09981

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Post-Sampling Air Canister Pressure Check Record

Login # (w/ Location Code)	Date	Time (Military)	Lab BP (Hg)	Lab Temp ($^{\circ}\text{C}$)	Pressure Gauge ID	Analyst
200-62493	03/11/22	11:17	29.7	21	G16	ZK

Sampling Information and Return Equipment Check	Yes	No	Comments
	(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	Yes	
(2) Is the flow controller ID used for each canister recorded?	Yes		
(3) MA MCP & NJ DKQP: Check return flow rate for flow controllers		No	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		No	

If damage observed, list equipment IDs and describe condition:

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure ¹ (Hg)	Anomaly ² (Y/N)	FC ID ³	FC Check ⁴ Reference	FC Return (Y/N)	Can Cert Batch ID	Comments
200-62493-A-1	11152	-4.7	N	11899	NA	Y	NA	
200-62493-A-2	10992	-1.5	N	10140	NA	Y	NA	
200-62493-A-3	12094	0.0	Y	10652	NA	Y	NA	
200-62493-A-4	10106	-4.5	N	10442	NA	Y	NA	
200-62493-A-5	34000707	-6.4	N	09653	NA	Y	NA	
200-62493-A-6	34000387	-3.6	N	11564	NA	Y	NA	
200-62493-A-7	09981	-5.0	N	11586	NA	Y	NA	

¹ Criteria: Return Pressure should be between -1 and -10 (Hg) with the exception of grab samples or those using 100 or 200mL/minute flow controllers. These samples must be returned at no lower than -10 Hg , but have no specific criteria otherwise.

² If return pressure is not within criteria, initiate Non-Conformance Memo.

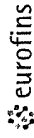
³ Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

⁴ Record the Flow Controller Set Flow Rate Logbook ID and Page number in which the original FC Check was recorded

Eurofins TestAmerica, Burlington
 530 Community Drive
 Suite 11
 South Burlington VT 05403-6809
 phone 802.660 1990 fax 802.660 1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples



Environment Testing
 America

TestAmerica Laboratories, Inc. db/a Eurofins TestAmerica

Client Contact Information		Client Project Manager		Samples Collected By:		COC No:																			
Company Name: AKRF Inc.		Ken Wilkes		Tim Larigan		_____ of _____ COCs																			
Address: 440 Park Avenue South, 7th Floor		Email: kwilkes@akrf.com		TALS Project #		For Lab Use Only																			
City/State/Zip: New York, NY 10016		Site Contact: Tim Larigan		Walk-in Client		Lab Sampling																			
Phone: _____		Tel/Fax: 862-368-8781		Job / SDG No		(See below for Add'l Items)																			
Project Name: 445 E 163rd Street		Analysis Turnaround Time		Other (Please specify in notes section)		Landfill Gas																			
Site/Location: 445 E 163rd Street (20210454)		Standard (Specific): AKRF STANDARD		Other (Please specify in notes section)		Soil Vapor Extraction (SVE)																			
P O #: 210407		Rush (Specify): (5 DAYS)		EPA 15/16		Soil Gas																			
Sample Identification		Time Start	Sample End Date	Time Stop	Canister Vacuum In Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes		
SV-01-20220308	3/8/22	1026	3/8/22	1146	-30	-6	11899	1152	X																
SV-02-20220308		1028		1228	-30	-4	10140	10992	X																
SV-03-20220308		1030		1230	-30	-3	10652	12094	X																
SV-04-20220308		1020		1202	-30	-4	10442	10106	X																
SV-05-20220308		1024		1222	-30	-7	09653	3400387	X																
SV-06-20220308		1022		1214	-30	-5	11564	3400387	X																
AA-20220308		1032		1209	-30	-8	11586	09921	X																
Special Instructions/QC Requirements & Comments		Temperature (Fahrenheit)		Pressure (inches of Hg)		Start Stop		Interior Interior		Start Stop		Interior Interior		Start Stop		Start Stop		Start Stop		Start Stop		Start Stop		Start Stop	
Cat A Deliverables. AKRF EQUIS EDDS Close SDG.		Ambient Ambient		Ambient Ambient		Interior Interior		Interior Interior		Interior Interior		Interior Interior		Interior Interior		Interior Interior		Interior Interior		Interior Interior		Interior Interior		Interior Interior	
Samples Shipped by:		Date / Time		Date / Time		Date / Time		Date / Time		Date / Time		Date / Time		Date / Time		Date / Time		Date / Time		Date / Time		Date / Time		Date / Time	
Samples Relinquished by: <i>[Signature]</i>		3/8/22		3/8/22		3/8/22		3/8/22		3/8/22		3/8/22		3/8/22		3/8/22		3/8/22		3/8/22		3/8/22		3/8/22	
Relinquished by: <i>[Signature]</i>		3-8-22		3-8-22		3-8-22		3-8-22		3-8-22		3-8-22		3-8-22		3-8-22		3-8-22		3-8-22		3-8-22		3-8-22	
Lab Use Only:		Shipper Name:		Condition:		Received by:		Received by:		Received by:		Received by:		Received by:		Received by:		Received by:		Received by:		Received by:		Received by:	
		Shipper Name:		Condition:		Received by: <i>[Signature]</i>		Received by: <i>[Signature]</i>		Received by: <i>[Signature]</i>		Received by: <i>[Signature]</i>		Received by: <i>[Signature]</i>		Received by: <i>[Signature]</i>		Received by: <i>[Signature]</i>		Received by: <i>[Signature]</i>		Received by: <i>[Signature]</i>		Received by: <i>[Signature]</i>	



ORIGIN ID NESA (917) 801-9866
CARLYLE WRIGHT

SHIP DATE 08MAR22
ACTWGT 50.00 LB
CAD: 112977992/INNET4460
DIMS 24x24x24 IN

200 CLEARBROOK RD
SUITE 140
ELMSFORD, NY 10523
UNITED STATES US

BILL RECIPIENT

TO **SAMPLING RECEIVING BVT**
TEST AMERICA
530 COMMUNITY DRIVE STE 11

SOUTH BURLINGTON VT 05403

(802) 660-1990

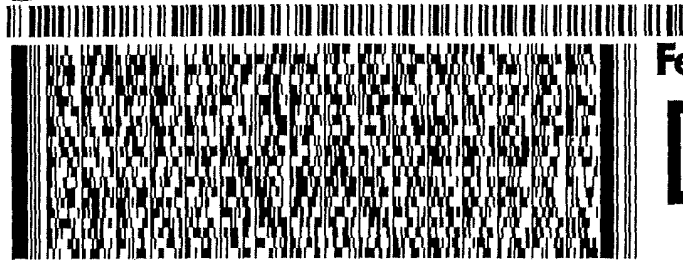
REF

INV
PO

DEPT

56D.15.FEB02.FE44

FedEx Ship Manager - Print Your Label(s)



WED - 09 MAR 10:30A

PRIORITY OVERNIGHT

1 of 2
TRK# 7762 4232 3299
0201
MASTER

DSR

05403

NL BTVA

VT-US BTV



FedEx Ship Manager - Print Your Label(s)

3/8/22, 4 43 PM

ORIGIN ID NESA (917) 801-9866
CARLYLE WRIGHT
200 CLEARBROOK RD
SUITE 140
ELMSFORD, NY 10523
UNITED STATES US

SHIP DATE: 08MAR22
ACTWGT 50.00 LB
CAD: 112977992/INNET4460
DIMS: 24x24x24 IN

BILL RECIPIENT
3/16/2022

TO **SAMPLING RECEIVING BVT**
TEST AMERICA
530 COMMUNITY DRIVE STE 11

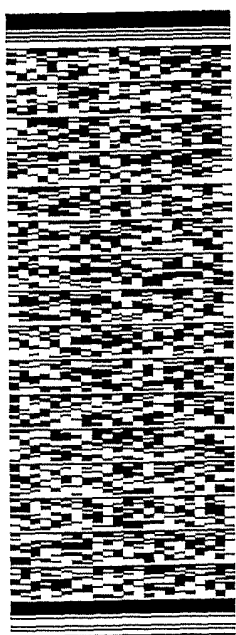
SOUTH BURLINGTON VT 05403

(802) 660-1990

REF

INV
PO

DEPT



Page 66 of 77

MP# 7762 4232 4700
0263
MST# 7762 4232 3299

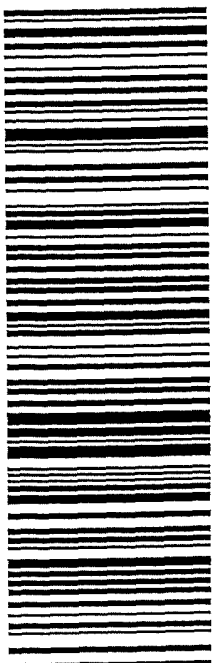
2 of 2

WED - 09 MAR 10:30A
PRIORITY OVERNIGHT

NL BTVA

VT-US

054



Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 200-62493-1

Login Number: 62493

List Source: Eurofins Burlington

List Number: 1

Creator: Khudaier, Zahraa

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville Job No.: 140-26468-1
 SDG No.: _____
 Client Sample ID: 34002274 Lab Sample ID: 140-26468-1
 Matrix: Air Lab File ID: B23L26468.D
 Analysis Method: TO 15 LL Date Collected: 02/21/2022 16:50
 Sample wt/vol: 500 (mL) Date Analyzed: 02/23/2022 09:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 59080 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
71-55-6	1,1,1-Trichloroethane	ND		0.080	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.080	
79-00-5	1,1,2-Trichloroethane	ND		0.080	
76-13-1	1,1,2-Trichlorotrifluoroethane	ND		0.080	
75-34-3	1,1-Dichloroethane	ND		0.080	
75-35-4	1,1-Dichloroethene	ND		0.040	
87-61-6	1,2,3-Trichlorobenzene	ND		0.40	
96-18-4	1,2,3-Trichloropropane	ND		0.20	
526-73-8	1,2,3-Trimethylbenzene	ND		0.080	
95-93-2	1,2,4,5-Tetramethylbenzene	ND		0.080	
120-82-1	1,2,4-Trichlorobenzene	ND		0.080	
95-63-6	1,2,4-Trimethylbenzene	ND		0.080	
96-12-8	1,2-Dibromo-3-Chloropropane	ND		0.16	
106-93-4	1,2-Dibromoethane	ND		0.080	
95-50-1	1,2-Dichlorobenzene	ND		0.080	
107-06-2	1,2-Dichloroethane	ND		0.080	
78-87-5	1,2-Dichloropropane	ND		0.080	
76-14-2	1,2-Dichlorotetrafluoroethane	ND		0.080	
108-67-8	1,3,5-Trimethylbenzene	ND		0.16	
106-99-0	1,3-Butadine	ND		0.16	
541-73-1	1,3-Dichlorobenzene	ND		0.080	
106-46-7	1,4-Dichlorobenzene	ND		0.080	
123-91-1	1,4-Dioxane	ND		0.20	
71-36-3	1-Butanol	ND		0.80	
90-12-0	1-Methylnaphthalene	ND		1.0	
540-84-1	2,2,4-Trimethylpentane	ND		0.20	
565-59-3	2,3-Dimethylpentane	ND		0.080	
78-93-3	2-Butanone	ND		0.32	
95-49-8	2-Chlorotoluene	ND		0.16	
591-78-6	2-Hexanone	ND		0.20	
78-78-4	2-Methylbutane	ND		0.20	
91-57-6	2-Methylnaphthalene	ND	*-	1.0	
107-83-5	2-Methylpentane	ND		0.080	
107-05-1	3-Chloroprene	ND		0.080	
622-96-8	4-Ethyltoluene	ND		0.16	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		0.20	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville Job No.: 140-26468-1
 SDG No.: _____
 Client Sample ID: 34002274 Lab Sample ID: 140-26468-1
 Matrix: Air Lab File ID: B23L26468.D
 Analysis Method: TO 15 LL Date Collected: 02/21/2022 16:50
 Sample wt/vol: 500 (mL) Date Analyzed: 02/23/2022 09:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 59080 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
67-64-1	Acetone	ND		2.0	
75-05-8	Acetonitrile	ND		0.40	
107-02-8	Acrolein	ND		0.40	
107-13-1	Acrylonitrile	ND		0.80	
98-83-9	Alpha Methyl Styrene	ND		0.16	
71-43-2	Benzene	ND		0.080	
100-44-7	Benzyl chloride	ND		0.16	
75-27-4	Bromodichloromethane	ND		0.080	
75-25-2	Bromoform	ND		0.080	
74-83-9	Bromomethane	ND		0.080	
106-97-8	Butane	ND		0.16	
75-15-0	Carbon disulfide	ND		0.20	
56-23-5	Carbon tetrachloride	ND		0.032	
108-90-7	Chlorobenzene	ND		0.080	
75-45-6	Chlorodifluoromethane	ND		0.080	
75-00-3	Chloroethane	ND		0.080	
67-66-3	Chloroform	ND		0.080	
74-87-3	Chloromethane	ND		0.20	
156-59-2	cis-1,2-Dichloroethene	ND		0.040	
10061-01-5	cis-1,3-Dichloropropene	ND		0.080	
98-82-8	Cumene	ND		0.16	
110-82-7	Cyclohexane	ND		0.20	
124-48-1	Dibromochloromethane	ND		0.080	
74-95-3	Dibromomethane	ND		0.16	
75-71-8	Dichlorodifluoromethane	ND		0.080	
64-17-5	Ethanol	ND	*-	2.0	
141-78-6	Ethyl acetate	ND		0.80	
60-29-7	Ethyl ether	ND		0.80	
100-41-4	Ethylbenzene	ND		0.080	
87-68-3	Hexachlorobutadiene	ND		0.080	
110-54-3	Hexane	ND		0.20	
496-11-7	Indane	ND		0.080	
95-13-6	Indene	ND		0.16	
67-63-0	Isopropyl alcohol	ND		0.80	
80-62-6	Methyl methacrylate	ND		0.20	
1634-04-4	Methyl tert-butyl ether	ND		0.16	

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville Job No.: 140-26468-1
 SDG No.: _____
 Client Sample ID: 34002274 Lab Sample ID: 140-26468-1
 Matrix: Air Lab File ID: B23L26468.D
 Analysis Method: TO 15 LL Date Collected: 02/21/2022 16:50
 Sample wt/vol: 500 (mL) Date Analyzed: 02/23/2022 09:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 59080 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	
108-87-2	Methylcyclohexane	ND		0.080	
75-09-2	Methylene Chloride	ND		0.40	
179601-23-1	m-Xylene & p-Xylene	ND		0.080	
91-20-3	Naphthalene	ND		0.20	
104-51-8	n-Butylbenzene	ND		0.16	
124-18-5	n-Decane	ND		0.40	
112-40-3	n-Dodecane	ND		0.40	
142-82-5	n-Heptane	ND		0.20	
111-84-2	n-Nonane	ND		0.20	
111-65-9	n-Octane	ND		0.16	
103-65-1	N-Propylbenzene	ND		0.16	
95-47-6	o-Xylene	ND		0.080	
99-87-6	p-Cymene	ND		0.080	
109-66-0	Pentane	ND		0.40	
115-07-1	Propene	ND		1.0	
135-98-8	sec-Butylbenzene	ND		0.16	
100-42-5	Styrene	ND		0.080	
75-65-0	tert-Butanol	ND		0.32	
98-06-6	tert-Butylbenzene	ND		0.20	
127-18-4	Tetrachloroethene	ND		0.040	
109-99-9	Tetrahydrofuran	ND		0.40	
110-02-1	Thiophene	ND		0.080	
108-88-3	Toluene	ND		0.12	
156-60-5	trans-1,2-Dichloroethene	ND		0.080	
10061-02-6	trans-1,3-Dichloropropene	ND		0.080	
79-01-6	Trichloroethene	ND		0.036	
75-69-4	Trichlorofluoromethane	ND		0.080	
1120-21-4	Undecane	ND		0.40	
108-05-4	Vinyl acetate	ND		0.40	
593-60-2	Vinyl bromide	ND		0.080	
75-01-4	Vinyl chloride	ND		0.040	

FORM I
 AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET
 TARGETED TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Knoxville Job No.: 140-26468-1
 SDG No.: _____
 Client Sample ID: 34002274 Lab Sample ID: 140-26468-1
 Matrix: Air Lab File ID: B23L26468.D
 Analysis Method: TO 15 LL Date Collected: 02/21/2022 16:50
 Sample wt/vol: 500 (mL) Date Analyzed: 02/23/2022 09:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: RTX-5 ID: 0.32 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 59080 Units: ppb v/v

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
488-23-3	1,2,3,4-Tetramethylbenzene TIC		ND		
527-53-7	1,2,3,5-Tetramethylbenzene TIC		ND		
934-80-5	1,2-Dimethyl-4-Ethylbenzene TIC		ND		
872-55-9	2-Ethylthiophene TIC		ND		
554-14-3	2-Methylthiophene TIC		ND		
616-44-4	3-Methylthiophene TIC		ND		
95-15-8	Benzo(b)thiophene TIC		ND		

Eurofins Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\MR\20220221-22731.b\B23L26468.D
 Lims ID: 140-26468-A-1
 Client ID: 34002274
 Sample Type: Client
 Inject. Date: 23-Feb-2022 09:54:30 ALS Bottle#: 15 Worklist Smp#: 9
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 34002274
 Operator ID: HMT Instrument ID: MR
 Method: \\chromfs\Knoxville\ChromData\MR\20220221-22731.b\MR_TO15.m
 Limit Group: MSA TO14A_15 Routine ICAL
 Last Update: 24-Feb-2022 13:28:09 Calib Date: 08-Oct-2021 07:54:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Knoxville\ChromData\MR\20211007-20984.b\RJ07IC05R.D
 Column 1 : RTX-5 (0.32 mm) Det: MS SCAN
 Process Host: CTX1616

First Level Reviewer: khachitpongpanits Date: 24-Feb-2022 13:28:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 1 Chlorobromomethane (IS)	128	8.538	8.571	-0.033	87	175592	4.80	
* 2 1,4-Difluorobenzene	114	10.792	10.819	-0.027	93	808946	4.80	
* 3 Chlorobenzene-d5 (IS)	117	15.748	15.753	-0.005	84	740135	4.80	
\$ 4 4-Bromofluorobenzene (Surr)	95	17.419	17.420	-0.001	96	429895	4.16	
40 Hexane	56	7.778	7.810	-0.027	10	481	0.0188	
51 Benzene	78	10.231	10.242	-0.011	1	1289	0.009674	
72 Ethylene Dibromide	107	14.837	14.831	0.006	27	969	0.009383	
74 Chlorobenzene	112	15.802	15.802	0.000	1	2248	0.0151	
76 Ethylbenzene	91	16.098	16.098	0.005	10	2951	0.0132	a
81 o-Xylene	91	16.810	16.800	0.011	1	2668	0.0150	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

40MXISSUR_00001 Amount Added: 40.00 Units: mL Run Reagent

Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20220221-22731.b\B23L26468.D

Injection Date: 23-Feb-2022 09:54:30

Instrument ID: MR

Operator ID: HMT

Lims ID: 140-26468-A-1

Lab Sample ID: 140-26468-1

Worklist Smp#: 9

Client ID: 34002274

Purge Vol: 500.000 mL

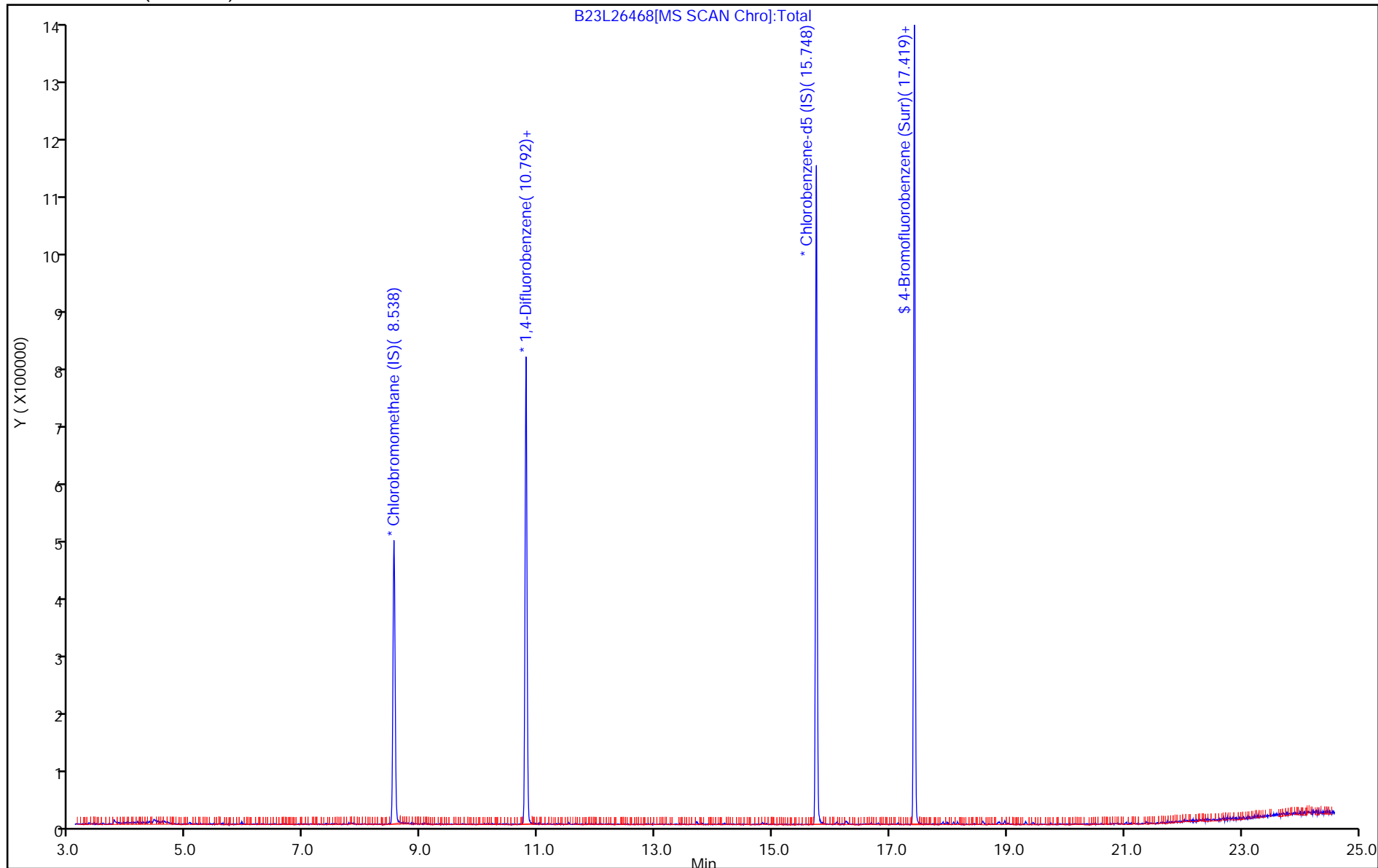
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: MR_TO15

Limit Group: MSA TO14A_15 Routine ICAL

Column: RTX-5 (0.32 mm)

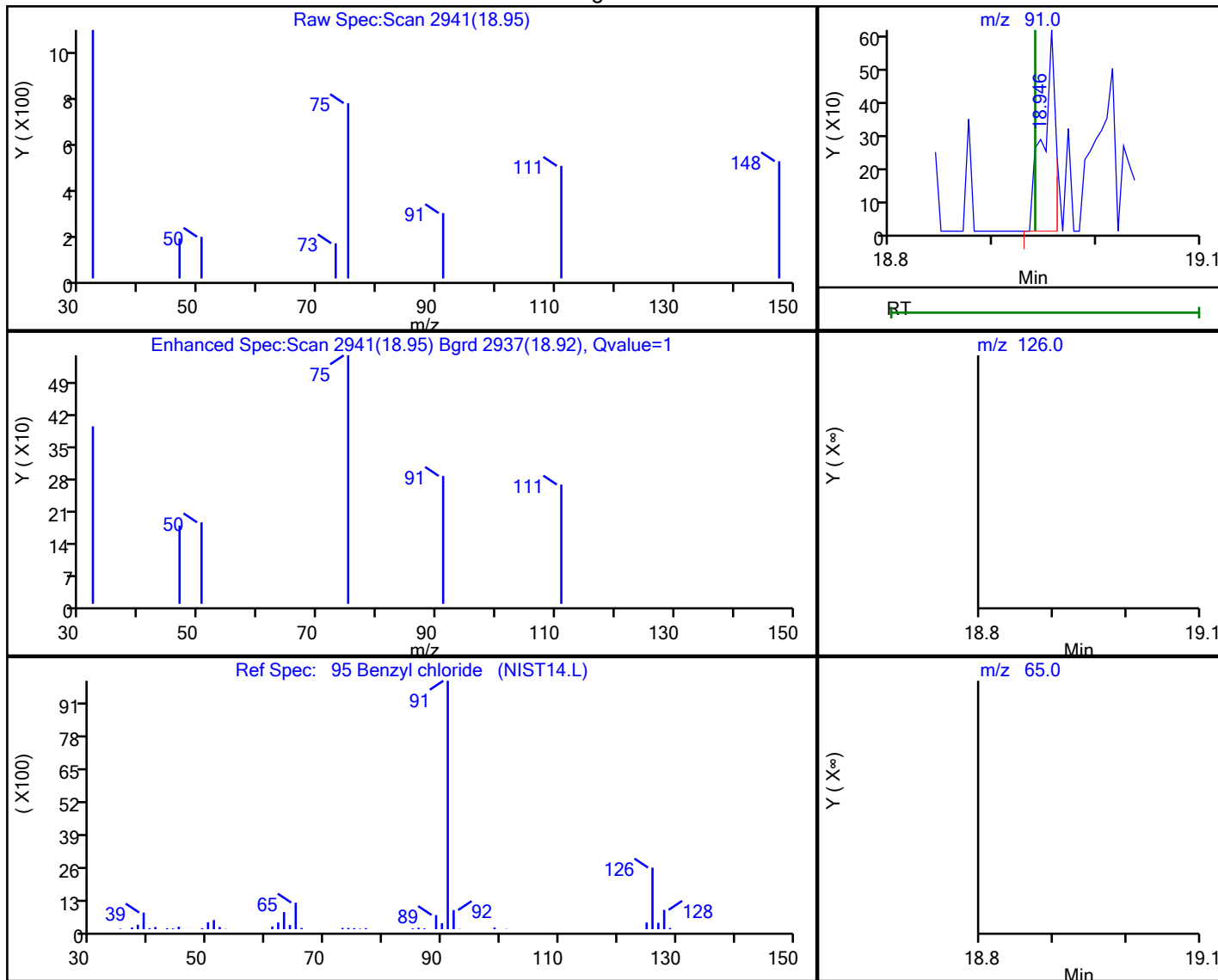


Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\MR\20220221-22731.b\B23L26468.D
 Injection Date: 23-Feb-2022 09:54:30 Instrument ID: MR
 Lims ID: 140-26468-A-1 Lab Sample ID: 140-26468-1
 Client ID: 34002274
 Operator ID: HMT ALS Bottle#: 15 Worklist Smp#: 9
 Purge Vol: 500.000 mL Dil. Factor: 1.0000
 Method: MR_TO15 Limit Group: MSA TO14A_15 Routine ICAL
 Column: RTX-5 (0.32 mm) Detector MS SCAN

95 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
18.95	91.00	523	0.032490
18.94	126.00	0	
18.94	65.00	0	

Reviewer: tajh, 23-Feb-2022 10:31:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Knoxville

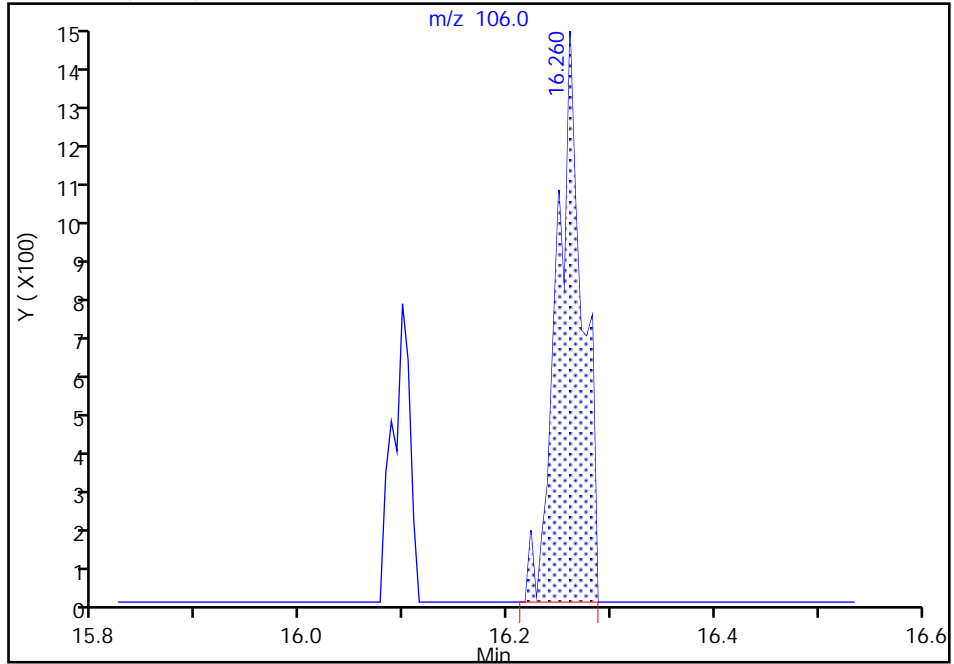
Data File:	\\chromfs\Knoxville\ChromData\MR\20220221-22731.b\B23L26468.D		
Injection Date:	23-Feb-2022 09:54:30	Instrument ID:	MR
Lims ID:	140-26468-A-1	Lab Sample ID:	140-26468-1
Client ID:	34002274		
Operator ID:	HMT	ALS Bottle#:	15
Purge Vol:	500.000 mL	Dil. Factor:	1.0000
Method:	MR_TO15	Limit Group:	MSA TO14A_15 Routine ICAL
Column:	RTX-5 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	9

76 Ethylbenzene, CAS: 100-41-4

Signal: 2

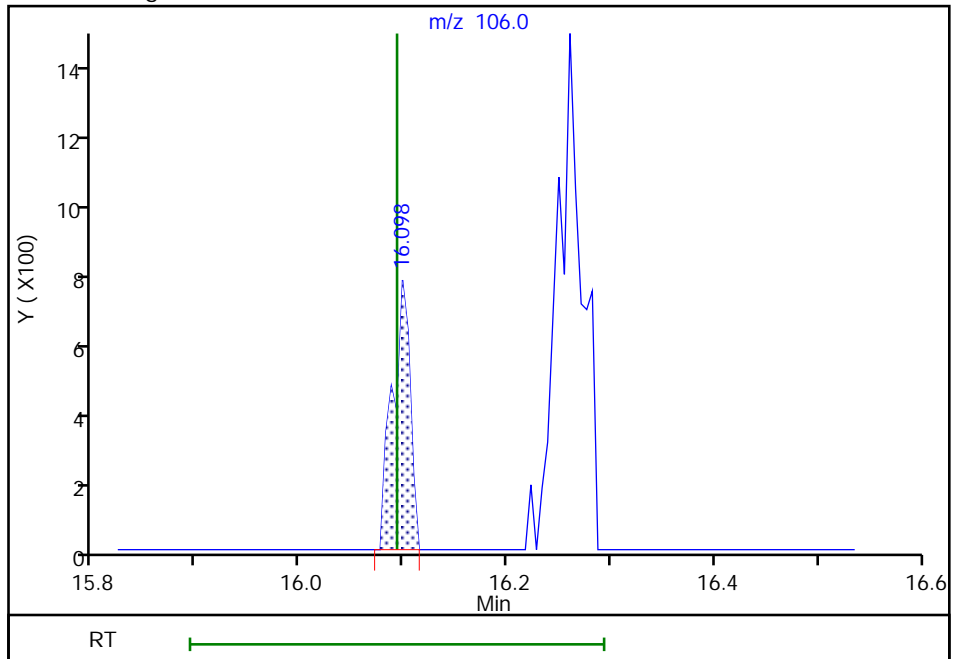
RT: 16.26
 Area: 2491
 Amount: 0.022365
 Amount Units: ppb v/v

Processing Integration Results



RT: 16.10
 Area: 890
 Amount: 0.013171
 Amount Units: ppb v/v

Manual Integration Results



Reviewer: tajh, 23-Feb-2022 10:30:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Eurofins Knoxville

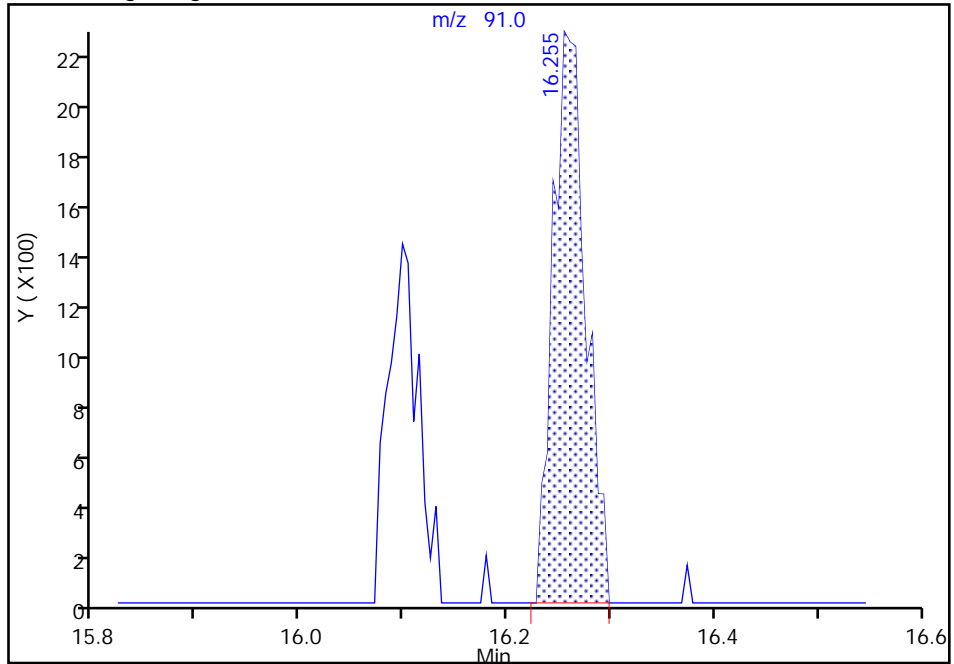
Data File: \\chromfs\Knoxville\ChromData\MR\20220221-22731.b\B23L26468.D
Injection Date: 23-Feb-2022 09:54:30 Instrument ID: MR
Lims ID: 140-26468-A-1 Lab Sample ID: 140-26468-1
Client ID: 34002274
Operator ID: HMT ALS Bottle#: 15 Worklist Smp#: 9
Purge Vol: 500.000 mL Dil. Factor: 1.0000
Method: MR_TO15 Limit Group: MSA TO14A_15 Routine ICAL
Column: RTX-5 (0.32 mm) Detector: MS SCAN

76 Ethylbenzene, CAS: 100-41-4

Signal: 1

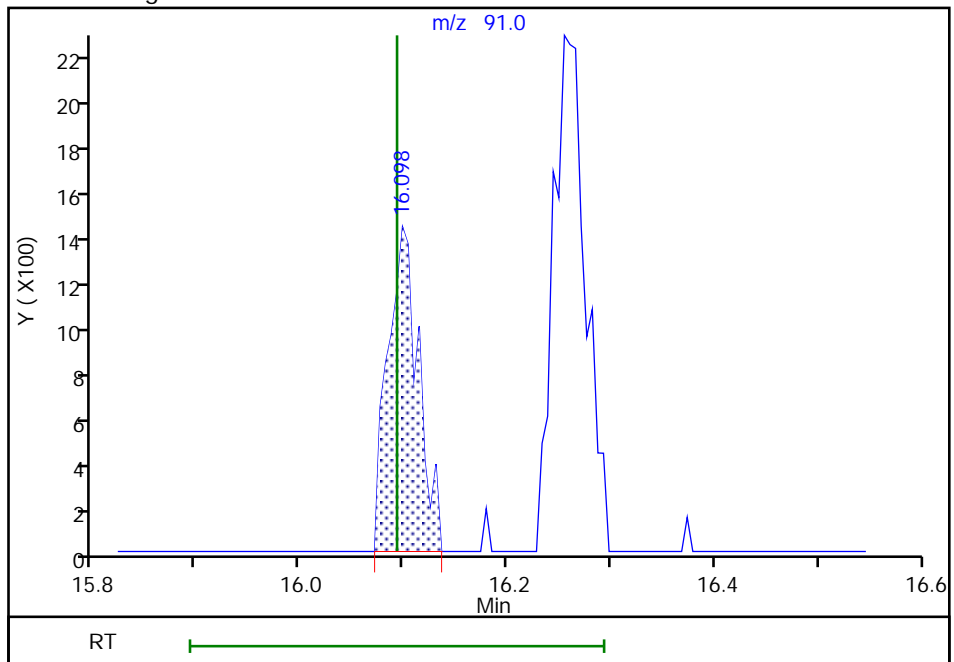
RT: 16.25
Area: 5011
Amount: 0.022365
Amount Units: ppb v/v

Processing Integration Results



RT: 16.10
Area: 2951
Amount: 0.013171
Amount Units: ppb v/v

Manual Integration Results



Reviewer: khachitponpanits, 24-Feb-2022 13:27:56

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected