

2022 PERIODIC REVIEW REPORT

**Former Albany Laboratories Site
67 Howard Street/140 State Street
City of Albany, New York**

**New York State Department of
Environmental Conservation
Site Number: 401061**

CHA Project Number: 021645.000

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EXECUTIVE SUMMARY

The Former Albany Laboratories Site (Site) is located in Albany County, New York, and is identified as Tax Map Parcel (TMP) Nos. 76.33-1-13 and 76.33-1-15 on the City of Albany Tax Map. The address of the Site is 67 Howard Street and 140 State Street, Albany, New York.

Based on the results of subsurface investigations and interim remedial measures completed at the Site, and sub-slab vapor/indoor air sampling completed at the adjacent 144 State Street building, the New York State Department of Conservation (NYSDEC) issued a Record of Decision (ROD) for the Site in March 2014. The ROD summarized previous investigations and activities associated with the Site and documented the selected remedy for the Site, which was identified as “site cover with on-site institutional and engineering controls,” consisting of the placement of a site cover over on-site soils, imposition of an environmental easement, development and implementation of a Site Management Plan (SMP), and installation/operation of a sub-slab depressurization system (SSDS) at the adjacent 144 State Street building. The remedy was implemented beginning in June 2014 upon issuance of the SMP, which included the environmental easement. Although not specifically required by the ROD, a passive sub-slab ventilation system (SSVS) was installed in the 140 State Street building during construction activities in 2015 as a proactive measure and was converted to an active system in the summer of 2016 with the installation of an in-line fan on the discharge stack.

At the time of the annual SSDS inspection at the 144 State Street building on December 14, 2022, six of the seven sub-systems comprising the SSDS were observed to be operating and functioning properly. Based on post-installation communication testing conducted by Aztech Technologies, Inc. during the fall of 2015, the observed vacuum readings for the six operational sub-systems during the December 14, 2022 inspection are indicative of sufficient vacuum to produce the required negative sub-slab pressure at monitoring points throughout the basement. The fan for sub-system #5 was observed to have failed. In addition, the low-pressure alarm for the SSDS was tested and found to be non-functional, as evidenced by no response within the integrated electronic Building Management System (BMS). Both of these issues were resolved in January 2023.

On December 14, 2022, CHA also inspected the SSDS at the 140 State Street building and the system was found to be operating and functioning properly, based on the observed system manometer reading. Though no integrated electronic BMS is present at the 140 State Street building, the operational status of the SSDS during the reporting period was confirmed via monthly system checks by the building management company, BBL Management Group, and documented

via photographs of the system manometer which were transmitted to CHA following each system check.

At the time of the annual site-wide inspection conducted on December 14, 2022, the Site was observed to be in good condition. In areas not covered by buildings/structures, CHA observed no cracks or other evidence of damage to the concrete and asphalt pavement cover. No changes in the use of the Site or the adjacent 144 State Street property were observed during the site-wide inspection, and no new development was observed.

Sub-slab soil vapor and indoor air sampling were performed within the basement spaces of both 140 State Street and the adjacent 144 State Street buildings in December 2022. The field activities and analytical results of the sampling are detailed under a separate cover. In summary, analytical results for the samples collected from the 140 State Street building were below the established mitigation thresholds for the eight volatile organic compounds regulated in the NYSDOH's October 2006 *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* and subsequent updates (Soil Vapor/Indoor Air Matrices A, B, and C). In addition, analytical results showed a continued significant decreasing trend in the concentration of trans-1,2-dichloroethene in both sub-slab soil vapor and indoor air samples (this compound prompted conversion to an active SSDS in 2016).

The analytical results for the samples collected from the 144 State Street building indicated the presence of two of the eight regulated compounds (trichloroethene and cis-1,2-dichloroethene) at concentrations above the above-referenced mitigation thresholds at one of the sampling locations (SSV/IA-2). Note that the concentration of trichloroethene was much higher in the indoor air sample than in the sub-slab soil vapor sample, indicating the potential presence of an indoor source rather than a result of vapor intrusion. It should also be noted that neither of these compounds was detected above the laboratory reporting limits in the soil vapor or indoor air samples collected from the other two sampling locations, one of which (SSV-3/IA-3) was only approximately 20 feet away from SSV/IA-2.

It is recommended that the current institutional and engineering controls for the Site and the adjacent 144 State Street property remain in place, and the engineering controls continue to be inspected and monitored. Based on the analytical results of the recent sub-slab soil vapor and indoor air sampling conducted at 140 State Street, it is CHA's opinion that operation and maintenance of the SSDS at this building may no longer be warranted. As such, CHA recommends the development and implementation of a plan for the formal deactivation of the system, including

the completion of another round of sampling during the next heating season, conducted while the SSDS is not in operation.

Similarly, CHA recommends the completion of another round of sampling at 144 State Street during the next heating system, conducted while the SSDS is not in operation, to evaluate the potential for deactivation of the system.

1.0 PROJECT/SITE OVERVIEW

This Periodic Review Report (PRR) is a required element of the remedial program at the Former Albany Laboratories Site located at 67 Howard Street and 140 State Street, Albany, New York (hereinafter referred to as the “Site”) under the New York State (NYS) Inactive Hazardous Waste Disposal Site Remedial Program administered by New York State Department of Environmental Conservation (NYSDEC). The Site was remediated under Order on Consent Index #DER-401061-02-25-11, Site # 401061, which was executed on April 12, 2011.

Columbia Eagle LLC (Columbia Eagle) entered into an Order on Consent with the NYSDEC requiring the Remedial Party, Columbia Eagle, to investigate and remediate contaminated media at the Site. Two figures showing the Site location and boundaries of the 0.226-acre Site are provided in Figures 1 and 2, respectively.

At the time of the Order on Consent, the Site consisted of properties identified as 67 Howard Street and 140 State Street only. In 2014, Columbia Eagle subdivided previously purchased parcels on the same city block including 132, 134, 136, and 138 State Street, as well as 59 Howard Street. As indicated in Table 1 below, Columbia Eagle subdivided these parcels such that 59 Howard Street and the western approximately three-quarters of the 132, 134, 136, 138, and 140 State Street properties were incorporated into 67 Howard Street, while the remaining approximately one-quarter of each site retained its original address, except 134 State Street which was combined with 136 State Street. In addition, note that 144 State Street was historically referred to as 142 State Street. A comparison of historical and current parcels is identified below.

Table 1. Comparison of Historical and Current Parcels

Historical Parcel	Current Parcel
59 Howard Street	67 Howard Street
67 Howard Street	67 Howard Street
132 State Street	67 Howard Street 132 State Street
134 State Street	67 Howard Street 136 State Street
136 State Street	67 Howard Street 136 State Street
138 State Street	67 Howard Street 138 State Street
140 State Street	67 Howard Street 140 State Street
142 State Street	144 State Street

While the subdivision of the parcels has resulted in address changes to the property, it is noted that only the original 67 Howard Street and 140 State Street were included in the Consent Order with the NYSDEC. While remedial action at 144 State Street (formerly referred to as 142 State Street) is discussed in this PRR, it should be noted that this parcel was not part of the property included under the Consent Order.

After completion of the remedial work, some contamination was left at the Site, which is hereafter referred to as “remaining contamination”. Institutional and Engineering Controls (ICs and ECs) have been incorporated into the Site remedy, as outlined in the NYSDEC’s March 2014 Record of Decision (ROD), to control exposure to remaining contamination to ensure the protection of public health and the environment. An Environmental Easement, issued by the NYSDEC, and recorded with the Albany County Clerk, requires compliance with the Site Management Plan (SMP) developed for the Site, and all ECs and ICs placed on the Site and affected portions of off-site properties.

The Site is identified as Tax Map Parcel (TMP) Nos. 76.33-1-13 and 76.33-1-15 on the City of Albany Tax Map. The Site is an approximately 0.226-acre parcel, extending from Howard Street northeastward to State Street, to the east of Eagle Street, within the City of Albany’s downtown area. The current owner of record of the Site is Columbia Eagle LLC, 302 Washington Avenue Extension, Albany, New York 12203.

This PRR was prepared by CHA Consulting, Inc. (CHA), on behalf of Columbia Eagle LLC (the Remedial Party) as a required element of the NYSDEC-approved SMP developed for the Site and summarizes the sub-slab vapor and indoor air monitoring, and Site-related inspections conducted during 2018.

1.1 SITE BACKGROUND

Sometime before 1934, the property associated with 67 Howard Street was originally a dairy farm. On a 1934 Sanborn map, 67 Howard Street was shown to have a chemical laboratory and the courtyard behind the building was shown to be used as a “thinner storage yard in metal drums”. According to city directories, the 67 Howard Street property was operated as Albany Laboratories from 1935 to 1985. The property had been vacant since 1985 before the redevelopment in 2015.

The earliest records indicate that the 140 State Street property was originally a private dwelling. Circa 1914 documents reported that the property was used as doctor’s offices and apartments. At

some time before 1934 and until at least 1979, the building was used as the Berkshire Hotel. The building was vacant thereafter until it was demolished in 2008.

Before the Site was listed on the New York State Registry of Inactive Waste Disposal Sites in February 2011, the Site was overseen by the NYSDEC as Spill No. 0704683. In July 2007, a 2,000-gallon fuel oil underground storage tank (UST) was identified on the 140 State Street property, and in September 2008, the UST was removed, and the impacted soil around the tank was excavated and disposed of off-site. Contamination was primarily observed in the location of a courtyard formerly located within the northern portion of the 67 Howard Street parcel and the southern end of the 140 State Street parcel. Contamination had also migrated east to the 138 State Street parcel.

In September and October 2008, the top three feet of soil, approximately 251.5 tons, were removed from the former courtyard area. Post-excavation samples indicated the presence of remaining soil contamination above the applicable standards, criteria, and guidance (SCGs). As a result, additional excavation of contaminated soil was conducted in January and February 2011. The soil was excavated along the foundation wall of the building located at 144 State Street. The excavation spanned the two lots that make up the Site and the adjacent lot located at 138 State Street. Approximately 895 tons of petroleum-contaminated soil was excavated. Of this total, 34.14 tons of soil was disposed of off-site as hazardous waste while the remaining soil was disposed of off-site as non-hazardous waste. Excavations were backfilled with clean, imported fill material brought to the Site which met the requirements for the identified Site use as outlined in 6 NYCRR Part 375-6.7(d).

Excavation to the west was limited by the foundation of the 144 State Street building and as a result, sub-slab vapor, indoor air, and outdoor air samples were collected in February and November 2012 within and outside the building to evaluate whether actions were necessary to address exposures related to soil vapor intrusion. This investigation indicated mitigation was recommended by the *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (New York State Department of Health (NYSDOH), October 2006).

Based on the results of subsurface investigations and interim remedial measures completed at the Site, and sub-slab vapor/indoor air sampling completed at the adjacent 144 State Street building, the NYSDEC issued a ROD for the Site in March 2014, which summarized previous investigations and activities associated with the Site and documented the selected remedy for the Site. The components of the selected remedy are described in the following subsection.

1.2 SUMMARY OF SITE REMEDY

The NYSDEC selected a remedy of “site cover with on-site institutional and engineering controls”. As presented in the March 2014 ROD, the remedy included the following major components:

- A Site cover was required to allow for commercial use of the 67 Howard Street Parcel and restricted residential use of the 140 State Street parcel.

For 67 Howard Street, the Site cover was required to consist of either impervious surfaces such as buildings, pavement, and sidewalks comprising the Site development, or a soil cover in areas where the upper one foot of exposed surface soil would meet the applicable soil cleanup objectives (SCOs). Where the soil cover was required, it was required to be a minimum of a one-foot thick layer of soil meeting the SCOs for cover material as outlined in 6 NYCRR Part 375-6.7(d) for commercial use. The soil cover was placed over a demarcation layer, with the upper six inches of the soil of sufficient quality to maintain a vegetative layer. All imported fill material brought to the Site was required to meet the requirements for the identified Site uses as outlined in 6 NYCRR Part 375-6.7(d).

For 140 State Street, the Site cover was required to consist of either impervious surfaces such as buildings, pavement, and sidewalks comprising the Site development, or a soil cover in areas where the upper two feet of exposed surface soil would meet the applicable soil cleanup objectives (SCOs). Where the soil cover was required, it was required to be a minimum of two feet thick consisting of soil meeting the SCOs for cover material as outlined in 6 NYCRR Part 375-6.7(d) for commercial use. The soil cover was required to be placed over a demarcation layer, with the upper six inches of the soil of sufficient quality to maintain a vegetative layer. Any fill material brought to the Site was required to meet the requirements for the identified Site uses as outlined in 6 NYCRR Part 375-6.7(d).

- Installation and continued operation, maintenance, and monitoring of a sub-slab depressurization system (SSDS) within the building at the off-site, adjacent 144 State Street property.
- Imposition of institutional control (in the form of environmental easements) for the controlled properties that:
 1. Requires the remedial party or Site owner to complete and submit to the NYSDEC a periodic certification of institutional and engineering controls under Part 375-1.8(h)(3);
 2. Allows the use and development of the 67 Howard Street property for commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
 3. Allows the use and development of the 140 State Street property for restricted residential, commercial, and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws; and
 4. Requires compliance with the NYSDEC-approved Site Management Plan (SMP).
- Development and implementation of a Site Management Plan, which includes the following:

1. Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the Site and details the steps and media-specific requirements necessary to ensure that the following institutional and engineering controls remain in place and effective: environmental easements, cover system, and the off-site SSDS (144 State Street). This plan includes the following:
 - Excavation Plan which details the provisions for the management of future excavations in areas of remaining contamination;
 - Descriptions of the provisions of the environmental easements including any land-use restrictions;
 - A provision for evaluation of the potential for soil vapor intrusion for any buildings developed on the Site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion;
 - A provision for evaluation of the potential for soil vapor intrusion for any buildings developed on the Site;
 - Provisions for the management and inspection of the identified engineering controls;
 - Provisions for maintaining Site access controls and NYSDEC notification;
 - Provision of the steps necessary for the periodic reviews and certification of the institutional and engineering controls.
2. Monitoring Plan to assess the performance and effectiveness of the remedy. This plan includes provisions for monitoring for vapor intrusion for any buildings developed on the Site, as may be required by the Institutional and Engineering Control Plan.

2.0 INSTITUTIONAL/ENGINEERING CONTROLS (IC/EC) PLAN COMPLIANCE REPORT

2.1 IC/EC PLAN REQUIREMENTS AND COMPLIANCE STATUS

Institutional controls implemented at the Site in the form of environmental easements for the 67 Howard Street and 140 State Street parcels, and more specifically the Site Management Plan, require periodic inspection of the above-referenced engineering controls and evaluation of Site use to ensure that exposure to remaining contamination is prevented and the use and development of the Site is consistent with the restrictions outlined in the environmental easements.

Engineering controls implemented at the Site that are subject to periodic inspection consist of the Site cover and the SSDS at the Site (in the building at 140 State Street) as well as the SSDS operating off-site in the adjacent building at 144 State Street (Marriott Renaissance Hotel), designed to maintain negative pressure beneath the entire building footprint.

2.1.1 Inspection of Site Cover

At the time of the annual site-wide inspection conducted by CHA on December 14, 2022, the Site cover was observed to be unchanged since the completion of Site redevelopment activities in 2015, consisting largely of the building at 140 State Street and the multi-level parking garage structure on the 67 Howard Street property. Areas of the Site not covered by these structures were covered with either concrete or asphalt pavement and were observed to be in good condition. No evidence of cracking or damaged concrete or asphalt was observed. The Site Inspection Form is included in Appendix A and representative photographs are included in Appendix B.

2.1.2 Sub-Slab Depressurization Systems

144 State Street

During the 2022 reporting period, the annual inspection of the SSDS at the 144 State Street building (Renaissance Hotel) was completed by CHA on December 14, 2022. At the time of the inspection, the SSDS was observed to be operating except one of the seven roof-mounted sub-system fans (#5). The other six sub-system fans were operating normally, as indicated by the Magnehelic® manometer for each sub-system and confirmed upon inspection of the individual fans. Airflow was noted at the discharge points for each of these sub-systems. The manometer readings for the six operating fans were consistent with the readings observed in September 2015 (soon after the system was activated) and during the subsequent Site inspection visits that have

been completed since that time. Based on post-installation communication testing conducted by Aztech Technologies, Inc. during the fall of 2015, the December 2022 manometer readings are indicative of sufficient vacuum to produce the required negative sub-slab pressure at monitoring points throughout the basement. The following table summarizes the readings for each sub-system.

Date	Individual Sub-System Vacuums (Inches of Water Column)						
	Sub-System 1	Sub-System 2	Sub-System 3	Sub-System 4	Sub-System 5	Sub-System 6	Sub-System 7
09/14/15	2.0	5.4	1.8	1.0	1.8	3.5	9.0
04/05/16	2.0	5.6	1.8	1.0	1.9	3.5	9.0
12/13/16	2.1	5.6	1.9	1.0	1.8	3.5	9.5
12/06/17	2.0	5.7	2.0	1.0	1.8	3.5	9.0
12/05/18	2.0	5.8	1.9	1.0	2.1	3.7	9.0
11/21/19	2.0	5.9	1.9	1.0	2.2	4.1	8.6
12/03/20	2.0	5.9	2.1	1.8	1.1	4.2	9.0
12/03/21	2.0	6.0	2.0	2.0	0.5	5.1	8.5
12/14/22	2.0	6.0	2.0	1.5	5.0*	5.5	8.0

**Reading was 0 inches of water column on December 14, 2022. Following the replacement of the fan for sub-system #5, the vacuum was recorded as 5.0 inches of water column on January 27, 2023.*

No cracks or other evidence of damage to the piping or system components was observed. As part of the inspection, the main system switch for the fans was tested and the system was temporarily switched off. The switch functioned properly, as all fans shut down.

While the fans were off, CHA personnel and the Director of Engineering for the Renaissance Hotel, Mr. William Vanamburgh, checked the Building Management System (BMS) for activation of an alarm within the BMS, which is triggered by a decrease in pressure to less than -0.25 inches of water in any of the sub-systems. A review of the BMS status by Mr. Vanamburgh indicated that the alarm was not activated. The SSDS was then switched back on, allowed to run for a short period, and then switched off again, after which there was still no indication of an alarm within the BMS. The system was switched back on, and except the fan for sub-system #5, was observed to be operating properly upon conclusion of CHA's inspection visit. Although the connection of the SSDS and BMS was noted to have been compromised, results of monthly system checks performed by facility personnel indicated that the SSDS was in operation throughout the reporting period. Site inspection forms are included in Appendix A and photographs are included in Appendix B.

Mr. Vanamburgh made arrangements with the BMS installation contractor to evaluate and restore the SSDS connection with the facility's BMS. On January 17, 2023, the problem was resolved and activation of the alarm within the BMS upon shutdown of the SSDS was verified.

On January 27, 2023, CHA's subcontractor, Alpine Environmental Services, Inc. (Alpine), assessed the status of the fan for sub-system #5. The entire system was temporarily shut down and upon determining that the fan required replacement, a new fan was installed. The system was reactivated, and Alpine verified the normal operation of all seven fans. At that time, the Magnehelic® manometer reading for sub-system #5 was 5 inches of water vacuum, which is greater than the previous manometer readings for this sub-system.

140 State Street

The annual inspection of the SSDS at the 140 State Street building was also completed by CHA on December 14, 2022. It should be noted that initially, a passive sub-slab ventilation system was installed in the 140 State Street building during its construction in 2015. However, the system was converted to an active SSDS during the summer of 2016, with activation occurring in late August. Conversion of the system was based on results of initial sub-slab vapor and indoor air sampling conducted during January 2016, specifically the detection of elevated levels of trans-1,2-dichloroethene (1,2-DCE) in sub-slab vapor as well as indoor air samples, and subsequent discussion with the NYSDEC and NYSDOH. The findings of the January 2016 sampling event were presented in CHA's report dated March 7, 2016, which was previously submitted to the NYSDEC. Details of the conversion of the system, including the *Vapor Mitigation System Activation Report* (prepared by Alpine Environmental Services, Inc.) are included in Appendix B of the March 7, 2016 report. The SMP was revised to reflect the conversion of the system, and a revised version has been submitted to the NYSDEC.

At the time of the December 14, 2022 inspection, the SSDS at the 140 State Street building was observed to be operating properly, as indicated by the manometer in the vertical riser pipe (accessed via a wall-mounted hatch in the basement) and then confirmed upon inspection of the fan and discharge piping on the roof of the building. No cracks or other evidence of damage to the visible piping or fan was observed.

Given the absence of a low-pressure alarm integrated with an electronic building management system (as is installed in the 144 State Street building), following the 2019 annual inspection CHA arranged for BBL Management Group to conduct monthly system checks to confirm and document system operation by observing the manometer on the vertical riser pipe in the basement of the

building. Following each system check, BBL contacted CHA to report the operational status and provide a photograph of the manometer. Based on the monthly system checks conducted by BBL, the system was operational throughout the 2022 reporting period, and the manometer readings indicated negative pressure/vacuum was maintained beneath the floor slab.

2.1.3 Site Use

At the time of the December 14, 2022 site-wide inspection, CHA observed no changes in the use of the Site or the adjacent 144 State Street property since the completion of redevelopment activities in 2015. The Site (67 Howard Street/140 State Street) continues to be used for mixed commercial office/residential purposes and a multi-level parking garage, while the 144 State Street property continues to be used as the Renaissance Hotel. No new development was observed at the Site or the adjacent 144 State Street property.

2.2 IC/EC CERTIFICATION

The engineering controls including the cover for the Site, the SSDS for the 140 State Street building, and the SSDS for the 144 State Street building were in place and functioning properly during the reporting period, with the exception of the fan and BMS issues noted above, both of which were resolved in January 2023, as described above in section 2.1.2.

The SMP is being implemented and based on this review, the remedy continues to be protective of public health and the environment, and compliant with the ROD. At this time, it is recommended that all controls for the Site and the adjacent 144 State Street property remain in place. The Institutional and Engineering Controls Certification Forms are included in Appendix C.

3.0 MONITORING PLAN COMPLIANCE REPORT

3.1 COMPONENTS OF THE MONITORING PLAN

Components of the Monitoring Plan include:

- Collection of sub-slab vapor and indoor air samples from both the 140 State Street and 144 State Street buildings, at least one year following system installation and during the heating season, for laboratory analysis for volatile organic compounds, and then every five years thereafter, during the heating season.
- Preparation of sub-slab vapor and indoor air sampling reports for both the 140 State Street and 144 State Street buildings following each monitoring event, and submittal of the reports to the NYSDEC.

3.2 MONITORING COMPLETED DURING REPORTING PERIOD

3.2.1 Sub-Slab Vapor and Indoor Air Monitoring Activities

Sub-slab soil vapor and indoor air sampling were performed at both the 140 State Street and the adjacent 144 State Street buildings on December 21, 2022. The field activities and analytical results of the sampling are detailed under a separate cover. Sub-slab soil vapor samples and corresponding indoor air samples were collected at two locations within the basement space of 140 State Street and at three locations within the basement space of 144 State Street. Sampling locations are shown on Figures 3 and 4. Sub-slab samples were collected from the permanent sampling points that were installed in 2015 and subsequently used during the previous sampling events. An ambient outside air sample was also collected for comparison purposes. All samples were collected in laboratory-provided Summa canisters with pre-calibrated flow controllers. Upon completion of the sample collection period, the samples were submitted to Alpha Analytical, Inc. for analysis by Method TO-15 for volatile organic compounds (VOCs).

3.3 COMPLIANCE WITH PERFORMANCE STANDARDS

Analytical results for the samples collected from the 140 State Street building were below the established mitigation thresholds for the eight volatile organic compounds regulated in the NYSDOH's October 2006 *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* and subsequent updates (Soil Vapor/Indoor Air Matrices A, B, and C, last updated May 2017). As described in Section 2.1.2, the conversion of the passive ventilation system to an active depressurization system was prompted by NYSDOH's review of the analytical results from December 2016, at which time samples exhibited elevated levels of trans-1,2-dichloroethene.

Based on the analytical results of the sampling completed in December 2022 at 140 State Street, detected concentrations of this compound (2.1 to 4.2 micrograms per cubic meter [$\mu\text{g}/\text{m}^3$]) in both the sub-slab soil vapor and indoor air samples at both locations were an order of magnitude lower than those exhibited in December 2016, and two orders of magnitude lower than those exhibited in January 2016.

The analytical results for the samples collected from the 144 State Street building indicated the presence of two of the eight regulated compounds (trichloroethene and cis-1,2-dichloroethene) at concentrations above the mitigation thresholds in Soil Vapor/Indoor Air Matrix A at the location of SSV-2/IA-2. It should be noted that the concentration of trichloroethene was much higher in the indoor air sample than in the sub-slab soil vapor sample, indicating the potential presence of an indoor source rather than a result of vapor intrusion. It should also be noted that the concentrations of both of these compounds in sub-slab soil vapor have decreased by an order of magnitude since the last sampling event in December 2016. Additionally, neither of these compounds was detected above the laboratory reporting limits ($0.2 \mu\text{g}/\text{m}^3$) in soil vapor or indoor air samples at the other sampling locations, one of which (SSV-3/IA-3) was only approximately 20 feet away from SSV-2/IA-2.

4.0 OPERATION & MAINTENANCE PLAN COMPLIANCE REPORT

4.1 COMPONENTS OF THE O&M PLAN

Components of the O&M Plan include:

- Annual inspection of the SSDS in the 140 State Street building and the adjacent, off-site 144 State Street building;
- Monitoring of the systems to confirm that they are operating and producing the vacuum required to maintain the minimum negative pressure beneath the floor slabs in the above-referenced buildings.

4.2 O&M TASKS COMPLETED DURING REPORTING PERIOD

Operations and maintenance tasks associated with the sub-slab depressurization systems were verified by CHA at the time of the annual site-wide inspection and are described in section 2.1.2 of this report.

5.0 CONCLUSIONS, EVALUATION & RECOMMENDATIONS

5.1 CONCLUSIONS

Based on the site-wide inspection conducted on December 14, 2022, the Site cover appeared to be in good condition; no cracks or other evidence of damage to the asphalt pavement or concrete were observed.

The SSDS within the 144 State Street building was operational and functioned properly throughout the reporting period except one roof-mounted fan (sub-system #5), which was found to be non-operational at the time of the December 2022 site inspection. The fan was replaced with a new fan in January 2023. Based on manometer measurement of sub-slab vacuums for the individual sub-systems, the SSDS continues to maintain the minimum required vacuum beneath the basement floor slab to mitigate potential exposure of the public to remaining contaminants in the soil at the Site. The analytical results from the December 2022 sampling event indicated the presence of two of the eight regulated compounds (trichloroethene and cis-1,2-dichloroethene) at concentrations above the mitigation thresholds in Soil Vapor/Indoor Air Matrix A at the location of SSV-2/IA-2. It should be noted, however, that the concentration of trichloroethene was much higher in the indoor air sample than in the sub-slab soil vapor sample, indicating the potential presence of an indoor source. It should also be noted that the concentrations of both of these compounds in sub-slab soil vapor have decreased by 80 to 90 percent since December 2016. Additionally, neither of these compounds was detected above the laboratory reporting limits ($0.2 \mu\text{g}/\text{m}^3$) in soil vapor or indoor air samples at the other sampling locations (one of which was only approximately 20 feet away from SSV-2/IA-2).

The SSDS within the 140 State Street building was operational and functioned properly throughout the reporting period. Based on manometer measurement of the sub-slab vacuum, the SSDS continues to maintain the minimum required vacuum beneath the basement floor slab to mitigate potential exposure of the public to remaining contaminants in the soil at the Site. The analytical results from the December 2022 sampling event indicate a continued significant decreasing trend in the concentration of trans-1,2-Dichloroethene (the compound of concern which led to activation of the vapor mitigation system) in both the sub-slab vapor and indoor air samples as compared to the results from the January 2016 and December 2016 sampling events. Concentrations of this compound have decreased to below $5 \mu\text{g}/\text{m}^3$ in sub-slab soil vapor and indoor air samples.

During the reporting period, no changes in the use or additional development were observed at the Site or the adjacent 144 State Street property.

5.2 EVALUATION OF REMEDY PERFORMANCE, EFFECTIVENESS & PROTECTIVENESS

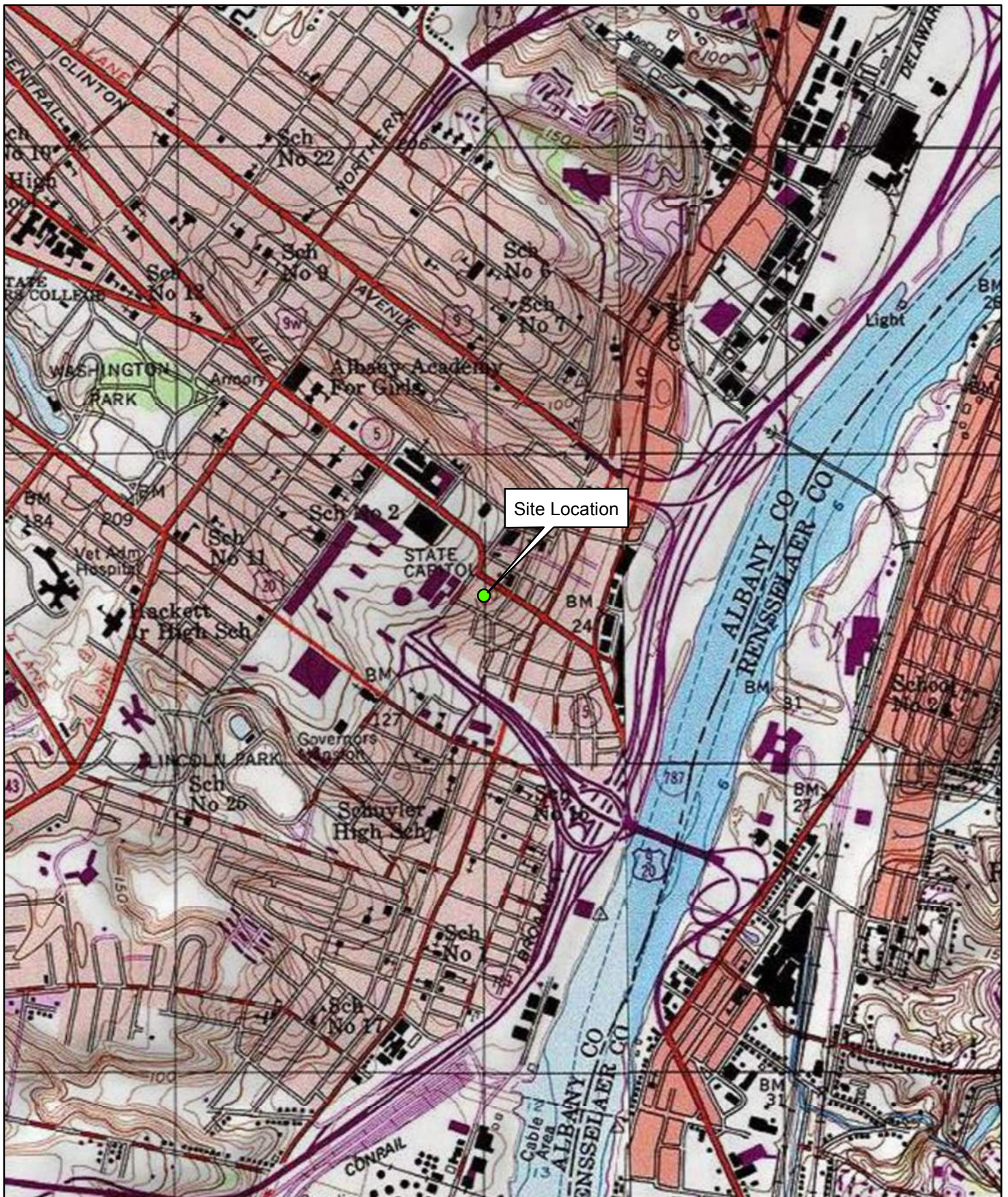
Provided the Institutional Controls and Engineering Controls established for the Site and the adjacent 144 State Street property remain in place and are maintained, it is expected that the remedy will continue to be effective in the protection of human health and the environment.

5.3 RECOMMENDATIONS

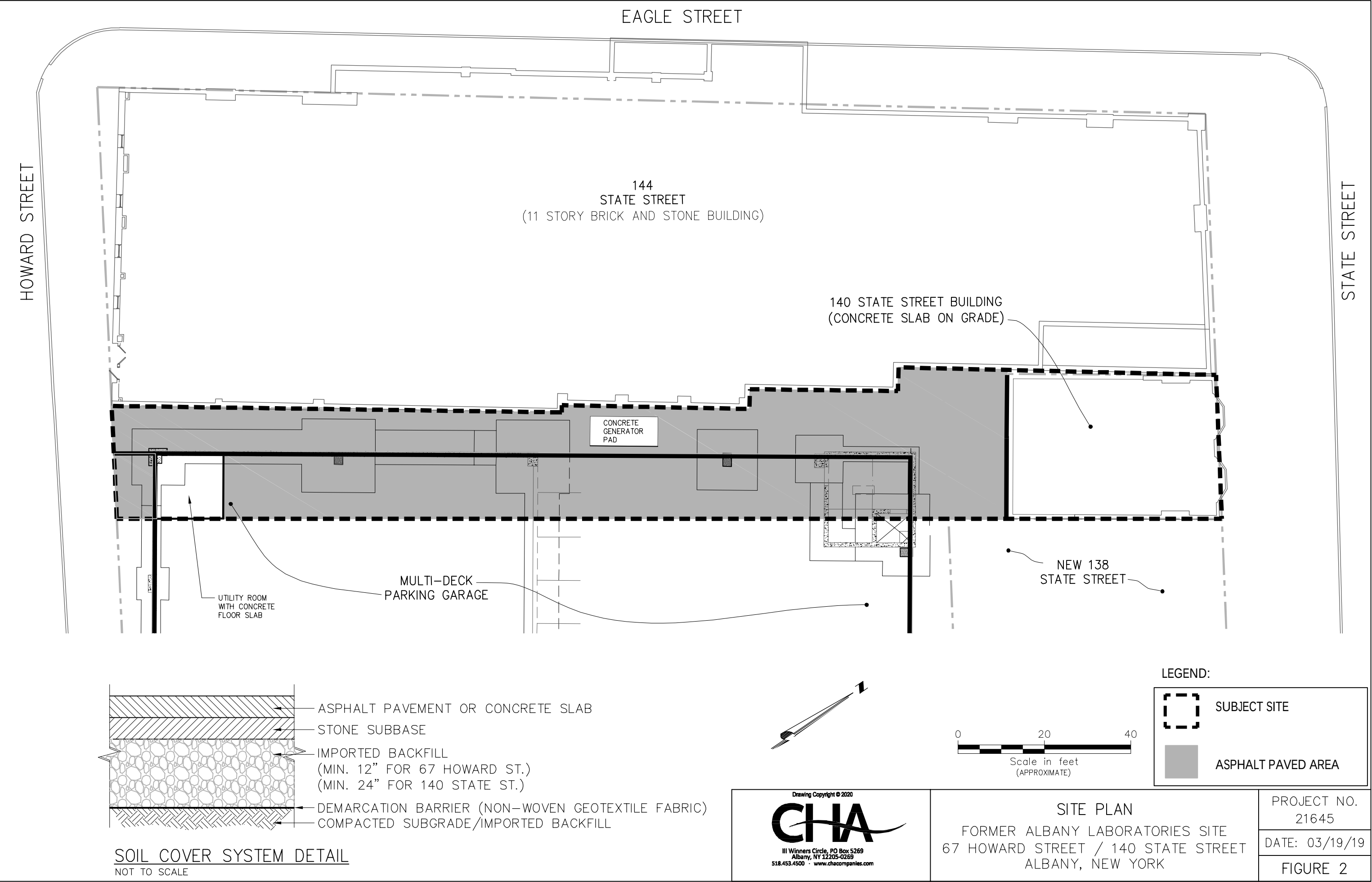
It is recommended that the current institutional and engineering controls in place at the Site and the adjacent 144 State Street property remain in place, and the engineering controls continue to be inspected and monitored. Based on the analytical results of the recent sub-slab soil vapor and indoor air sampling conducted at 140 State Street, it is CHA's opinion that operation and maintenance of the SSDS at this building may no longer be warranted. As such, CHA recommends the development and implementation of a plan for the formal deactivation of the system, including the completion of another round of sampling during the next heating season, conducted while the SSDS is not in operation.

Similarly, CHA recommends the completion of another round of sampling at 144 State Street during the next heating system, conducted while the SSDS is not in operation, to evaluate the potential for deactivation of the system.

FIGURES



				Site Location Map 67 Howard Street / 140 State Street Albany, New York	
	Scale 1" = 2000'	CHA No. 21645	3/19/19	<i>Service Layer Credits:</i> <i>Copyright: © 2013 National Geographic Society, I-cubed</i> <i>Albany & South Troy USGS Quadrangles, Date: 1994 & 1980</i>	



APPENDIX A

Site Inspection Forms



SITE-WIDE /SOIL COVER ANNUAL INSPECTION CHECKLIST

Report No.

Page 1 of 2

Date: 12-14-22

Time: 9:30 AM

Site Name: Former Albany Laboratories

Project No. 021645.022

Address: 140 State and 67 Howard Streets, Albany, NY

Weather: SUNNY, BREEZY

Inspector(s): JOHN FAVREAU

Type of Inspection: ☒ Routine ☐ Post Severe Condition

Temp.: Hi 30°F Low 18°F

SITE ACCESSIBILITY INSPECTION

ITEM/CONDITION	YES	NO	N/A	COMMENTS
Site accessible and passable.	☒	☐	☐	

SITE RECORDS INSPECTION

ITEM/CONDITION	YES	NO	N/A	COMMENTS
Site Records are up to date with latest revisions or changes to SMP	☐	☐	☒	

INSTITUTIONAL CONTROL INSPECTION

ITEM/CONDITION	YES	NO	N/A	COMMENTS
The Site continues to be utilized for commercial, industrial or restricted residential (140 State Street) uses only.	☒	☐	☐	

SIGNAGE AND GATE INSPECTION

ITEM/CONDITION	YES	NO	NA	COMMENTS
Is a sign posted at entrance?	☐	☐	☒	
Is a gate present at the entrance?	☐	☐	☒	
Is the gate locked and secured?	☐	☐	☒	

SOIL COVER SYSTEM INSPECTION

ITEM/CONDITION	YES	NO	NA	COMMENTS
Evidence of erosion of cover soils?	☐	☐	☒	
Evidence of cracks or depressions in cover soils?	☐	☐	☒	
Evidence of exposed or damaged subgrade soils?	☐	☐	☒	

ASHPALT/CONCRETE COVER SYSTEM INSPECTION

ITEM/CONDITION	YES	NO	NA	COMMENTS
Evidence of damaged asphalt or concrete?	☐	☒	☐	
Evidence of pitting, rutting, cracks or depressions in asphalt or concrete cover?	☐	☒	☐	

DRAINAGE SYSTEM INSPECTION

ITEM/CONDITION	YES	NO	NA	COMMENTS
Evidence of erosion in drainage structures?	☐	☒	☐	
Presence of siltation in drainage structures?	☐	☒	☐	
Evidence of settlement in drainage structures?	☐	☒	☐	

**SUB-SLAB VAPOR AND INDOOR
AIR MONITORING REPORT
2022-2023 HEATING SEASON**

**144 State Street
Albany, New York**

Site No. 401061

CHA Project Number: 021645.021

Prepared for:

***Columbia Eagle, LLC
302 Washington Avenue Extension
Albany, NY 12203***

Prepared by:



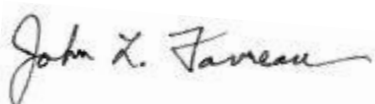
***III Winners Circle
Albany, New York 12205
(518) 453-4500***

April 18, 2023

QUALIFICATIONS AND CERTIFICATION STATEMENT

This Report was compiled by qualified environmental scientists and engineers employed by CHA and was prepared expressly for the use of Columbia Eagle, LLC. No other parties are entitled to rely upon this report unless our express written consent is first obtained. All conclusions drawn were based on CHA's field inspection and analytical results from sampling performed during the course of this project. Recommendations are submitted based on CHA's knowledge, experience and professional judgement.

Report Completed By:



John L. Favreau, CHMM
Senior Scientist V

Report Reviewed By:



Seth H. Fowler, CHMM
Associate Vice President

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Appendix A	NYSDOH Indoor Air Quality Questionnaire and Building Inventory
Appendix B	Laboratory Analytical Report
Appendix C	Data Usability Summary Report

1.0 OVERVIEW

The Site is the Renaissance Hotel, located at 144 State Street in the City of Albany, County of Albany, New York. In February 2011, a portion of the properties currently located at 67 Howard Street and 140 State Street, which are located immediately east of the Site, and known as the Former Albany Laboratories Site (NYSDEC Site No. 401061), was listed on the New York State Registry of Inactive Waste Disposal Sites.

After completion of the remedial work in 2008 and 2011, it was determined that further excavation was limited by the foundation of the Site building. As a result, sub-slab vapor, indoor air, and outdoor air samples were collected in February and November 2012, within and outside the building to determine if any actions were necessary to address exposures related to soil vapor intrusion. The findings from the two sampling events indicated that a mitigation response was recommended in accordance with the NYSDOH October 2006 *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*.

A Site Management Plan (SMP) for the Former Albany Laboratories Site, dated June 20, 2014 (revised February 2017) was prepared to manage remaining contamination at the Site. As part of the approved SMP, a sub-slab depressurization system (SSDS) was installed on the 144 State Street portion of the Site during the renovation of the Renaissance Hotel which was completed by BBL Construction Services (BBL) in the summer and fall of 2015.

An initial post-installation/activation sub-slab vapor and indoor air sampling event was conducted during the 2015-2016 heating season (January 2016). The findings of the sampling event were presented in CHA's report dated March 7, 2016. The NYSDEC-approved SMP required that sampling be completed again at least one year following installation to verify the effectiveness of the vapor mitigation system. The second sampling event was completed in December 2016 and the results were presented in CHA's report dated April 13, 2017.

Based on the sampling schedule included in the SMP, the next sampling event was to have occurred during the 2021-2022 heating season; however, deferral of this sampling event to the 2022-2023 heating season was requested by CHA on behalf of Columbia-Eagle and was approved by the NYSDEC via e-mail correspondence on November 15, 2021.

Sections 2.0 and 3.0 of this report discuss the field activities and results associated with the second sub-slab vapor and indoor air sampling event at the 144 State Street building, conducted on December 21, 2022. CHA's conclusions and recommendations are presented and discussed in Section 4.0.

2.0 FIELD ACTIVITIES

2.1 SAMPLE COLLECTION

On December 15, 2022, a helium tracer gas study was performed as a quality assurance/quality control measure to verify the integrity of the three existing sub-slab vapor sampling probes. To facilitate the study at each location, polyethylene tubing was connected to the sampling probe and was extended through a pre-drilled hole in an enclosure consisting of an inverted 5-gallon plastic bucket which was placed over the sampling probe. Plumber's putty was used to seal the base of the enclosure at the floor surface and around the sample tubing extending out of the enclosure. A portable air sampling pump was then used to purge air and soil vapor through the sample tubing. A minimum of three implant volumes (volume of the sample probe and tubing) were purged.

The tracer gas was released into the enclosure through a separate pre-drilled hole to displace ambient air within the enclosure and provide positive pressure. The hole was then plugged using a rubber stopper. Finally, a Dielectric MGD-2002 Helium Detector was utilized to detect potential leaks by purging vapor through the sample tubing. Helium concentrations of 837 parts per million (ppm), 264 ppm and 1,121 ppm were detected at sub-slab vapor probes 144-SSV-1, 144-SSV-2 and 144-SSV-3, respectively. Per the NYSDOH guidance, given the detected concentrations of helium were below 10,000 ppm, the sub-slab vapor probes were determined to be adequately sealed. Following the tracer gas study, one to three implant volumes (volume of the sample probe and tube) were purged at each vapor probe location.

On December 21, 2022, CHA returned to the site to collect samples for laboratory analysis. Indoor air samples (144-IA-1, 144-IA-2 and 144-IA-3) were collected concurrently with and in the immediate vicinity of the sub-slab vapor sampling locations (144-SSV-1, 144-SSV-2 and 144-SSV-3) to quantify the actual indoor air quality relative to sub-slab conditions. CHA also collected one outdoor ambient air (background) sample from a location along the east side of the Renaissance Hotel (144 State Street), southwest of the 140 State Street building (note: the same outdoor sample was used as the "ambient" sample for the sampling conducted at both the 140 and 144 State Street buildings). The purpose of the background (ambient) sample was to determine if compounds detected in the indoor air sample could be attributable to ambient air levels at the Site at the time of sampling. Refer to Figure 1 for sampling locations.

All of the samples were collected using six-liter SUMMA® canisters and pre-calibrated flow controllers, batch certified clean by Eurofins Environment Testing (Eurofins) of Burlington, Vermont. The flow controllers were calibrated for an eight-hour sampling period. All of the samples were analyzed by Eurofins for volatile organic compounds (VOCs) via EPA Method TO-15. Eurofins is a NYSDOH Environmental Laboratory Approval Program (ELAP) certified laboratory.

It should be noted that at the time of the December 2022 sampling event, the sub-slab depressurization system was in operation.

2.2 BUILDING CHEMICAL INVENTORY

In addition to the sub-slab and indoor air sampling, CHA completed the NYSDOH Indoor Air Quality Questionnaire and Building Inventory. The questionnaire and building inventory pertain to uses and chemicals present in the building that could impact indoor air quality and also affect the results of the indoor air samples that were collected.

On the day of the sampling, CHA observed normal facility operations within the basement level, which contains offices, an employee break room, a fitness center, locker rooms, restrooms, a laundry room, a trash storage room, general storage rooms, elevator shafts, and electrical/mechanical rooms. Chemicals observed were limited to various-sized containers of typical cleaning products including soaps, surface sanitizers and laundry detergents/stain removers. All containers were observed to be closed and in good condition. No petroleum or chemical odors were noted within the basement at the time of sampling. A copy of the questionnaire is provided in Appendix A.

3.0 RESULTS

3.1 GUIDANCE/SCREENING LEVELS

The laboratory results for the samples were compared to a number of guidance values. More specifically, the results reported for the compounds trichloroethene, cis-1,2-dichloroethene, 1,1-dichloroethylene, carbon tetrachloride, tetrachloroethene, 1,1,1-trichloroethane, methylene chloride and vinyl chloride in both the sub-slab and ambient air samples were compared to the decision matrices that are presented in the NYSDOH October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York and subsequent updates. It should be noted that these eight compounds are the only VOCs included in the NYSDOH decision matrices for determination of monitoring and mitigation.

Analytical results are shown in Table 1, relative to the matrix threshold values for these key parameters, as published in the Soil Vapor/Indoor Air Matrices A, B and C of the referenced NYSDOH vapor intrusion guidance.

Volatile organic compounds that are not listed in the above-referenced NYSDOH decision matrices can be and are commonly compared to one or all of the “screening levels” specified in the 1997-2003 NYSDOH Study of VOCs in Air for Fuel Oil Heated Homes (90th Percentile). This set of data is referenced for comparison purposes only, as the values referenced in this document are not enforceable regulatory guidance or standards. As noted in Table 1, these values are referred to as screening levels for the purposes of this report.

3.2 ANALYTICAL RESULTS

The sub-slab vapor and indoor air sample results, both current and historic, are summarized in Tables 1 through 3, attached to this report. A copy of the complete laboratory report can be found in Appendix B. The sub-slab vapor, indoor air, and ambient air sample results are discussed in the following sections.

3.2.1 Sub-Slab Vapor Sample SSV-1 and Indoor Air Sample IA-1

The analytical results of the sub-slab soil vapor sample 144-SSV-1-122122 and the corresponding indoor air sample 144-IA-1-122122 showed the detection of a limited number of VOCs at levels above their respective laboratory reporting limits. Only two of the eight VOCs included in the NYSDOH decision matrices were detected:

- Carbon tetrachloride, detected in both the sub-slab soil vapor sample and the indoor air sample at concentrations of 0.32 and 0.31 $\mu\text{g}/\text{m}^3$, respectively; and
- Methylene chloride, detected in the indoor air sample only, at a concentration of 6.7 $\mu\text{g}/\text{m}^3$.

The detected concentrations of these compounds were below the minimum concentrations requiring monitoring and mitigation, based on NYSDOH Soil Vapor/Indoor Air Matrices A and B.

In indoor sample 144-IA-1-122122, the following additional compounds were detected above the laboratory reporting limits: 2-butanone; acetone; benzene; butane; carbon disulfide; chloroform; chloromethane; hexane; toluene; and trichlorofluoromethane (four of these compounds were also detected in the outdoor air sample). The analytical results of these compounds were compared to the “screening levels” and the detected concentrations were below the screening levels.

3.2.2 Sub-Slab Vapor Sample SSV-2 and Indoor Air Sample IA-2

The analytical results of the sub-slab soil vapor sample 144-SSV-2-122122 and the corresponding indoor air sample 144-IA-2-122122 showed the detection of a limited number of VOCs at levels above their respective laboratory reporting limits. Five of the eight VOCs included in the NYSDOH decision matrices were detected:

- Trichloroethene, detected in both the sub-slab soil vapor and indoor air sample at concentrations of 6.7 and 23 $\mu\text{g}/\text{m}^3$, respectively;
- cis-1,2-dichloroethene, detected in both the sub-slab soil vapor and indoor air sample at concentrations of 26 and 1.6 $\mu\text{g}/\text{m}^3$, respectively;
- Carbon tetrachloride, detected in the sub-slab soil vapor sample only, at a concentration of 0.3 $\mu\text{g}/\text{m}^3$;
- Tetrachloroethene, detected in the sub-slab soil vapor sample only, at a concentration of 1.4 $\mu\text{g}/\text{m}^3$; and
- Methylene chloride, detected in both the sub-slab soil vapor and indoor air sample at concentrations of 1.7 and 2.e $\mu\text{g}/\text{m}^3$, respectively.

The detected concentrations of carbon tetrachloride, tetrachloroethene and methylene chloride were below the minimum concentrations requiring monitoring and mitigation, based on NYSDOH Soil Vapor/Indoor Air Matrices A and B.

The detected concentrations of trichloroethene and cis-1,2-dichloroethene were above the minimum concentrations requiring mitigation, based on NYSDOH Soil Vapor/Indoor Air Matrix A. However, it should be noted that the concentration of trichloroethene was much higher in the indoor air sample than in the sub-slab soil vapor sample, indicating the potential presence of an indoor source rather than a result of vapor intrusion. It should also be noted that neither trichloroethene nor cis-1,2-dichloroethene was detected above the laboratory reporting limits in the sub-slab soil vapor or indoor air samples collected from the other two sampling locations, one of which (SSV-3/IA-3), was only approximately 20 feet away from SSV/IA-2.

In indoor air sample 144-IA-2-122122, the following additional compounds were detected above their respective laboratory reporting limits: acetone; butane; chloromethane; cyclohexane; dichlorodifluoromethane; ethylbenzene; heptane; toluene; trans-1,2-dichloroethene; trichlorofluoromethane; m,p- xylene; and o-xylene (three of these compounds were also detected

in the outdoor air sample). The analytical results of the compounds listed above were compared to the “screening levels” and the detected concentrations were below the screening levels.

3.2.3 Sub-Slab Vapor Sample SSV-3 and Indoor Air Sample IA-3

The analytical results of the sub-slab soil vapor sample 144-SSV-3-122122 and the corresponding indoor air sample 144-IA-3-122122 showed the detection of a limited number of VOCs at levels above their respective laboratory reporting limits. Only two of the eight VOCs included in the NYSDOH decision matrices were detected: carbon tetrachloride (detected in both the sub-slab soil vapor sample and the indoor air sample at concentrations of 0.31 and 0.25 $\mu\text{g}/\text{m}^3$, respectively); and methylene chloride (detected in the indoor air sample only, at a concentration of 4.1 $\mu\text{g}/\text{m}^3$). The detected concentrations of these compounds were below the minimum concentrations requiring monitoring and mitigation, based on NYSDOH Soil Vapor/Indoor Air Matrices A and B.

In indoor sample 144-IA-3-122122, the following additional compounds were detected above the laboratory reporting limits: acetone; benzene; butane; chlorodifluoromethane; chloromethane; hexane; toluene; trans-1,2-dichloroethene; and trichlorofluoromethane (four of these compounds were also detected in the outdoor air sample). The analytical results of these compounds were compared to the “screening levels” and the detected concentrations were below the screening levels.

3.2.4 Outdoor Ambient Air Sample

The outdoor air sample, identified as “Ambient Air - 122122”, was found to contain low concentrations of the following VOCs (all of which were detected in the indoor air samples): benzene; butane; chloromethane; trichlorofluoromethane; and toluene. Of the eight VOCs included in the NYSDOH decision matrices, only carbon tetrachloride was detected in the outdoor air sample, at a concentration of 0.31 $\mu\text{g}/\text{m}^3$.

3.3 DATA VALIDATION SUMMARY

The analytical laboratory deliverable ASP Category B data package was submitted to CHA’s subconsultant, Alpha Geoscience (Alpha), for independent data validation. Based on the Data Usability Summary Report (DUSR) prepared by Alpha, the overall performances of the analyses were deemed acceptable and Eurofins Environment Testing – Burlington did fulfill the requirements of the analytical method. The data were deemed acceptable. No data were qualified as either rejected (R) or estimated (J); therefore, all data are considered usable. The DUSR is included in Appendix C.

4.0 CONCLUSIONS/RECOMMENDATIONS

4.1 CONCLUSIONS

- Based on the results from the analysis of the sub-slab soil vapor and indoor air samples, a number of VOCs were detected at concentrations above their respective laboratory reporting limits in sub-slab soil vapor and/or indoor air samples, including five of the eight compounds included in the NYSDOH decision matrices: trichloroethene; cis-1,2-dichloroethene; carbon tetrachloride; tetrachloroethene; and methylene chloride.
- Two of the compounds noted above were detected above the monitoring/mitigation threshold concentrations published in NYSDOH's Soil Vapor/Indoor Air Matrices A and B (May 2017): trichloroethene and cis-1,2-dichloroethene. It should be noted, however, that trichloroethene was detected in only one of the indoor air samples (144-IA-2), and at a much higher concentration than in its corresponding sub-slab soil vapor sample (144-SSV-2), indicative of a potential indoor source. In addition, this compound was not detected above the laboratory reporting limit of $0.2 \mu\text{g}/\text{m}^3$ in either of the other two sub-slab soil vapor samples. Similarly, cis-1,2-dichloroethene was detected only at the SSV-2/IA-2 sampling location, and the detected concentration in sample 144-IA-2 was only slightly above the mitigation threshold, based on the corresponding sub-slab soil vapor concentration. Sub-slab soil vapor concentrations of both of these compounds have decreased by 80 to 90 percent since December 2016.
- At the time of this sampling event, CHA observed various-sized containers of typical cleaning products including soaps, sanitizers, and laundry detergents/stain removers within the basement of the building. All containers were observed to be closed and in good condition. No petroleum or chemical odors were noted within the basement at the time of sampling.

4.2 RECOMMENDATIONS

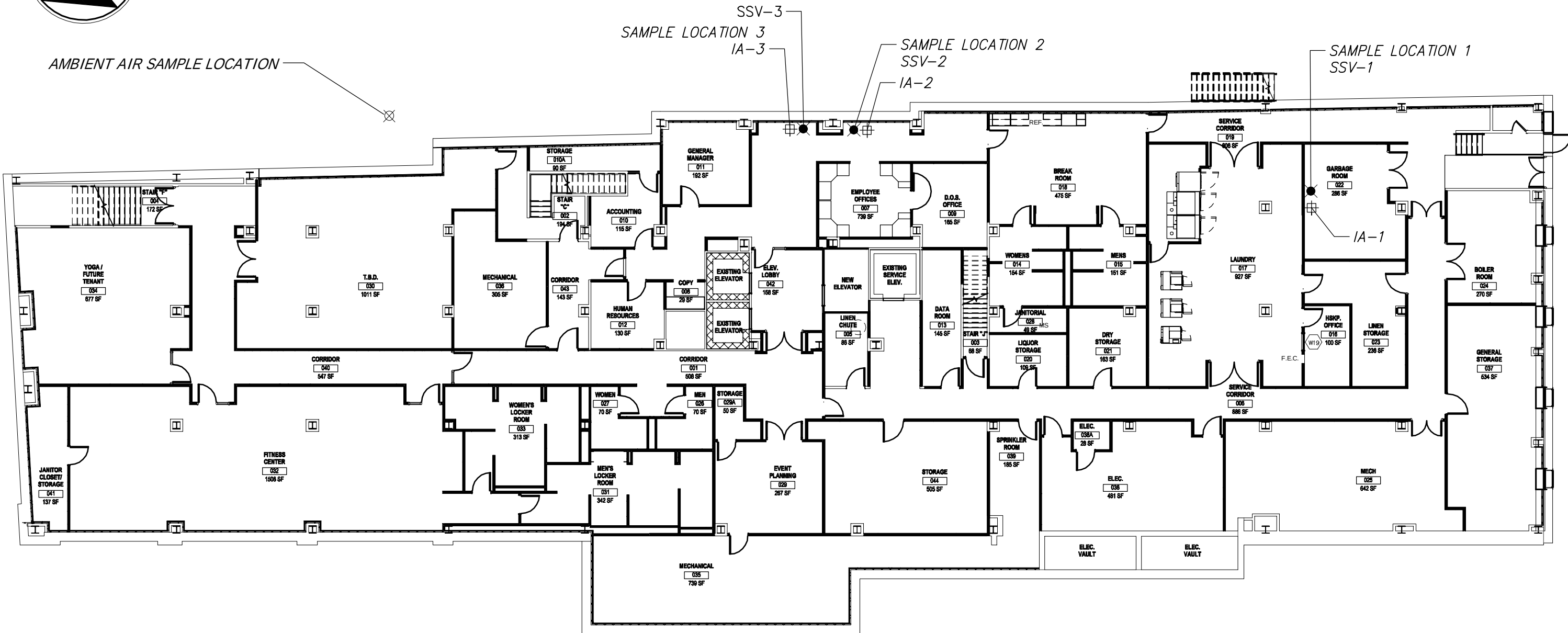
- It is recommended that the vapor mitigation system activated during the fall of 2015 remain in operation until the next heating season, and at that time, another round of sampling be completed (while the SSDS is not in operation) to evaluate the potential for deactivation of the system.

FIGURE 1

File: V:\PROJECTS\ANY\K2\21645\CADD\CADD\COORDINATION\RECEIVED_FILES\ORIGINALS\144 STATE_FLOOR PLAN_11-12-14\RA-SHEET - A-100 - FIRST PERIODIC SUBSLAB VAPOR REPORT.DWG
Saved: 2/28/2017 3:05:26 PM Plotted: 2/28/2017 3:08:49 PM Current User: Evans, Josh LastSavedBy: 4894



AMBIENT AIR SAMPLE LOCATION



LEGEND:

SUB-SLAB VAPOR PROBE SAMPLE LOCATION ●

INDOOR AIR SAMPLE LOCATION □

AMBIENT AIR SAMPLE LOCATION ⊗

NOTE: SAMPLING DATE – DECEMBER 21, 2022

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CHIA
111 Winners Circle, PO Box 5269
Albany, NY 12205-0269
518.453.4500 • www.chacompanies.com

SUB-SLAB VAPOR AND INDOOR AIR
SAMPLING LOCATIONS
144 STATE STREET
ALBANY, NEW YORK

PROJECT NO.
21645
DATE: 03/30/23
FIGURE 1

TABLES

Table 1
Sub-Slab Vapor and Indoor/Ambient Air Sample Analytical Results
144 State Street, Albany, New York

Compound	Location 1												Exterior						NYSDOH Matrix Specific Minimum Sub-Slab Concentration (µg/m3)	NYSDOH Matrix Specific Minimum Indoor Concentration (µg/m3)	1997-2003 NYSDOH Summary of Indoor Levels of VOCs from Fuel Oil Heated Homes in NYS, 90th Percentile (ug/m3)
	2/29/12	11/27/12	4/4/13	1/25/16	12/13/16	12/21/22	2/29/12	11/27/12	4/4/13	1/25/16	12/13/16	12/21/22	2/29/12	11/27/12	4/4/13	1/25/16	12/13/16	12/21/22			
	SSV-1 (µg/m3)	SSV-1 (µg/m3)	SSV-1 (µg/m3)	SSV-1 (µg/m3)	SSV-1 (µg/m3)	SSV-1 (µg/m3)	IA-1 (µg/m3)	IA-1 (µg/m3)	IA-1 (µg/m3)	IA-1 (µg/m3)	IA-1 (µg/m3)	IA-1 (µg/m3)	AM-1 (µg/m3)	AM-1 (µg/m3)	AM-1 (µg/m3)	OA-1 (µg/m3)	AM-1 (µg/m3)	Ambient Air (µg/m3)			
1,1,1-Trichloroethane	190	130	190	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	3	3.5
1,1-Dichloroethane	33	21	42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			0.23
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	0.2	0.23
1,2,4-Trimethylbenzene	ND	ND	NA	5.3	9.2	ND	ND	ND	ND	0.44	ND	ND	ND	ND	ND	ND	ND	ND			11
1,2-Dichloroethene (total)	150	520	950	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			--
1,3,5-Trimethylbenzene	5.5	ND	ND	ND	2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			3.8
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			--
2,2,4-Trimethylpentane	ND	ND	ND	ND	ND	ND	ND	0.49	ND	ND	ND	ND	0.21	0.35	ND	ND	ND	ND			--
2-Butanone	ND	ND	ND	6	3.9	3.2	ND	ND	ND	4.1	1.3	2.8	ND	ND	ND	ND	ND	ND			--
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	ND	ND	ND	ND			--
4-Ethyltoluene	7.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			--
4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			--
Benzene	ND	ND	ND	ND	0.65	0.71	0.65	0.71	0.44	1.2	1	0.7	0.7	0.58	0.24	0.94	1.1	0.92			15
Carbon Tetrachloride	35	32	40	ND	0.64	0.32	0.36	0.43	0.54	0.42	0.46	0.31	0.41	0.39	0.43	0.31	0.39	0.31	6	0.2	0.87
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			0.25
Chloroform	83	98	180	5.9	7.1	5.5	ND	ND	ND	ND	9.9	6.9	ND	ND	ND	ND	ND	ND			1.4
Chloromethane	ND	ND	ND	3.1	ND	1.2	ND	ND	ND	1.3	1.2	1.2	ND	ND	ND	1.1	1.1	1.1			3.3
cis-1,2-Dichloroethene	140	510	930	4	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	0.2	0.24
Cyclohexane	ND	ND	ND	ND	ND	1.8	ND	0.81	ND	ND	ND	ND	0.19	0.16	ND	ND	ND	ND			9.1
Dichlorodifluoromethane	ND	ND	ND	2.3	2.7	4.8	2.7	2.4	3.2	2	2.5	ND	2.1	2.8	2.7	1.8	2.5	ND			15
Ethanol	ND	ND	ND	340.3	340	ND	ND	ND	ND	669	490	ND	ND	ND	ND	28.3	26	ND			--
Ethyl Benzene	9.7	ND	ND	2.5	3	ND	0.17	0.4	0.22	0.57	0.4	ND	0.21	ND	ND	ND	0.41	ND			7.3
Hexane	ND	ND	ND	ND	0.93	ND	2.0	1.0	0.6	1.3	1.0	2.4	3	0.66	ND	1	1.2	ND			--
m/p-Xylene	35	ND	ND	11	14	ND	0.56	1.2	0.48	2.1	1.4	ND	0.53	0.47	ND	0.87	1.6	ND			12
Methylene Chloride	ND	ND	ND	ND	1.2	ND	ND	1.7	ND	0.77	1.2	6.2	ND	ND	ND	0.87	1.4	ND	100	3	22
n-Heptane	1.6	ND	ND	ND	ND	1.1	0.36	0.73	0.34	ND	ND	ND	0.49	0.26	ND	ND	ND	ND			--
o-Xylene	12	ND	ND	3.8	5.2	0.97	0.2	0.41	0.27	0.78	0.51	ND	0.22	0.18	ND	ND	0.49	ND			--
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND	ND	ND	ND	ND	ND			1.3
tert-Butyl Alcohol	ND	ND	ND	120	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			--
Tetrachloroethene	4.1	17	38	ND	0.68	ND	0.5	0.88	0.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	3	2.9
Toluene	23	ND	ND	6	7.6	2.2	1.3	2.1	0.88	2.5	2.3	1	1.4	0.9	ND	1.3	2.4	1.5			59
trans-1,2-Dichloroethene	3.6	12	25	5.8	2	ND	ND	ND	ND	7.9	2.9	ND	ND	ND	ND	0.43	ND	ND			<0.25
Trichloroethene	260	940	1,700	7.8	4.1	ND	0.34	0.56	ND	ND	ND	ND	0.24	ND	ND	ND	ND	ND	6	0.2	0.48
Trichlorofluoromethane	2.5	ND	ND	ND	1.4	1.4	1.7	1.6	2.2	1.2	1.3	1.2	1	1.4	1.4	1.2	1.4	1.2			17
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	0.2	<0.25
Xylene (total)	47	14	ND	ND	ND	ND	0.75	1.6	0.75	ND	ND	ND	0.75	0.65	ND	ND	ND	ND			--

Notes:

µg/m3 = Micrograms per cubic meter

ND = Analyte not detected

D = Dilution factor of 1.52 or 1.9

J = Estimated concentration

Eight Volatile Organic Compounds on NYSDOH decision matrices (May 2017)

Table 2
Sub-Slab Vapor and Indoor/Ambient Air Sample Analytical Results
144 State Street, Albany, New York

Compound	Location 2												Exterior							NYSDOH Matrix Specific Minimum Sub-Slab Concentration (µg/m3)	NYSDOH Matrix Specific Minimum Indoor Concentration (µg/m3)	1997-2003 NYSDOH Summary of Indoor Levels of VOCs from Fuel Oil Heated Homes in NYS, 90th Percentile (ug/m3)
	2/29/12	11/27/12	4/4/13	1/18/16	12/13/16	12/21/22	2/29/12	11/27/12	4/4/13	1/18/16	12/13/16	12/21/22	2/29/12	11/27/12	4/4/13	1/18/16	12/13/16	12/21/22				
	SSV-2 (µg/m3)	SSV-2 (µg/m3)	SSV-2 (µg/m3)	SSV-2 (µg/m3)	SSV-2 (µg/m3)	SSV-2 (µg/m3)	IA-2 (µg/m3)	IA-2 (µg/m3)	IA-2 (µg/m3)	IA-2 (µg/m3)	IA-2 (µg/m3)	IA-2 (µg/m3)	AM-1 (µg/m3)	AM-1 (µg/m3)	AM-1 (µg/m3)	OA-1 (µg/m3)	AM-1 (µg/m3)	Ambient Air (µg/m3)				
1,1,1-Trichloroethane	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	3	3.5	
1,1-Dichloroethane	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	0.2	0.23	
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	0.2	0.23	
1,2,4-Trimethylbenzene	ND	ND	NA	ND	9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	0.2	11	
1,2-Dichloroethene (total)	4.2	5.6	2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	0.2	11	
1,3,5-Trimethylbenzene	ND	2.0	ND	ND	2.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	0.2	3.8	
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1	ND	ND	ND	ND	ND	ND	ND	ND	6	0.2	--	
2,2,4-Trimethylpentane	ND	ND	ND	ND	ND	ND	0.19	0.43	ND	ND	ND	ND	0.21	0.35	ND	ND	ND	ND	6	0.2	--	
2-Butanone	ND	ND	ND	ND	ND	4.2	ND	ND	ND	1.5	ND	ND	ND	ND	ND	1.4	ND	ND	6	0.2	--	
4-Ethyltoluene	0.97	2.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	0.2	--	
4-Methyl-2-Pentanone	ND	ND	ND	ND	2.3	ND	ND	ND	ND	9.4	ND	ND	ND	ND	ND	4.7	ND	ND	6	0.2	--	
Benzene	0.76	ND	ND	ND	0.89	ND	0.61	0.86	0.44	0.56	ND	ND	0.7	0.58	0.24	0.43	1.1	0.92	6	0.2	15	
Carbon Tetrachloride	ND	ND	ND	ND	ND	0.3	0.41	0.79	0.49	0.38	ND	ND	0.41	0.39	0.43	0.35	0.39	0.31	6	0.2	0.87	
Chloroform	3.3	1.5	1.4	ND	1.1	ND	ND	ND	0.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	0.2	1.4	
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	1.0	ND	ND	ND	1	1.1	1.1	6	0.2	3.3	
cis-1,2-Dichloroethene	4.2	5.6	2.5	160	130	26	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	6	0.2	0.24	
Cyclohexane	ND	ND	ND	ND	ND	ND	0.16	0.28	ND	ND	ND	2.2	0.19	0.16	ND	ND	ND	ND	6	0.2	9.1	
Dichlorodifluoromethane	3.3	4.7	9.7	ND	2.7	ND	2.5	6.6	3.1	2	2.5	4.9	2.1	2.8	2.7	1.8	2.6	ND	6	0.2	15	
Ethanol	ND	ND	ND	ND	20	ND	ND	ND	ND	280 J	370	ND	ND	ND	ND	24	26	ND	6	0.2	--	
Ethyl Benzene	3.9	2.8	ND	ND	4.1	ND	0.18	0.2	ND	0.93	ND	0.87	0.21	ND	ND	ND	0.41	ND	6	0.2	7.3	
Hexane	1.3	0.8	ND	ND	2	ND	1.8	1.2	0.53	ND	ND	ND	3	0.66	ND	ND	1.2	ND	6	0.2	--	
m,p-Xylene	12	9.7	ND	9.4	19	5.8	0.52	0.6	0.7	4	ND	3.5	0.53	0.47	ND	0.66	1.6	ND	6	0.2	12	
Methylene Chloride	ND	3.4	ND	ND	1.7	1.7	ND	24	ND	0.84	ND	2.3	ND	ND	ND	2.1	1.4	ND	100	3	22	
n-Heptane	1.1	ND	ND	ND	ND	ND	0.39	0.39	ND	ND	ND	0.96	0.49	0.26	ND	ND	ND	ND	6	0.2	--	
o-Xylene	2.2	4.5	ND	ND	6.9	2.1	ND	0.21	0.27	1.5	ND	1.4	0.22	0.18	ND	ND	0.49	ND	6	0.2	--	
Styrene	ND	ND	ND	ND	ND	3.4	ND	ND	ND	0.43	ND	ND	ND	ND	ND	ND	ND	ND	6	0.2	1.3	
tert-Butyl Alcohol	ND	ND	ND	56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	0.2	--	
Tetrachloroethene	10	14	3	ND	5.1	1.4	0.45	0.93	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	3	2.9	
Toluene	14	8.2	1.6	ND	12	7.3	1.2	1.1	0.65	2.3	ND	2.7	1.4	0.9	ND	0.7	2.4	1.5	6	0.2	59	
trans-1,2-Dichloroethene	ND	ND	ND	340	260	13	ND	ND	ND	13	9.9	0.84	ND	ND	ND	0.47	ND	ND	6	0.2	<0.25	
Trichloroethene	12	16	6.6	56	33	6.7	0.33	0.44	ND	ND	ND	23	0.24	ND	ND	ND	ND	ND	6	0.2	0.48	
Trichlorofluoromethane	2.1	5.5	14	ND	1.9	1.2	1.8	3.3	2	1.3	ND	1.2	1	1.4	1.1	1.4	1.2	ND	6	0.2	17	
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	0.2	<0.25	
Xylene (total)	11	17	ND	ND	ND	ND	0.69	0.81	0.97	ND	ND	ND	0.75	0.65	ND	ND	ND	ND	6	0.2	--	

Notes:
µg/m3 = Micrograms per cubic meter
ND = Analyte not detected
D = Dilution factor of 1.52 or 1.9
J = estimated concentration

Eight Volatile Organic Compounds on NYSDOH decision matrices (May 2017)

Table 3
Sub-Slab Vapor and Indoor/Ambient Air Sample Analytical Results
144 State Street, Albany, New York

Compound	Location 3												Exterior							NYSDOH Matrix Sub-Slab Concentration (µg/m3)	NYSDOH Matrix Indoor Concentration (µg/m3)	1997-2003 NYSDOH Summary of Indoor Levels of VOCs from Fuel Oil Heated Homes in NYS, 90th Percentile (µg/m3)
	2/29/12	11/27/12	4/4/13	1/18/16	12/13/16	12/21/22	2/29/12	11/27/12	4/4/13	1/18/16	12/13/16	12/21/22	2/29/12	11/27/12	4/4/13	1/18/16	12/13/16	12/21/22				
	SSV-3 (µg/m3)	SSV-3 (µg/m3)	SSV-3 (µg/m3)	SSV-3 (µg/m3)	SSV-3 (µg/m3)	SSV-3 (µg/m3)	IA-3 (µg/m3)	IA-3 (µg/m3)	IA-3 (µg/m3)	IA-3 (µg/m3)	IA-3 (µg/m3)	IA-3 (µg/m3)	AM-1 (µg/m3)	AM-1 (µg/m3)	AM-1 (µg/m3)	OA-1 (µg/m3)	AM-1 (µg/m3)	Ambient Air (µg/m3)				
1,1,1-Trichloroethane	2.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	3	3.5	
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			0.23	
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	0.2	0.23	
1,2,4-Trimethylbenzene	ND	ND	ND	ND	6.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			11	
1,2-Dichloroethene (total)	0.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			--	
1,3,5-Trimethylbenzene	4.4	ND	ND	ND	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			3.8	
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND			--	
2,2,4-Trimethylpentane	ND	ND	ND	ND	ND	ND	ND	0.53	ND	ND	ND	ND	0.21	0.35	ND	ND	ND	ND			--	
2-Butanone	ND	ND	ND	ND	6.7	ND	ND	ND	ND	0.95	ND	ND	ND	ND	ND	1.4	ND	ND			--	
4-Ethyltoluene	6.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			--	
4-Methyl-2-Pentanone	ND	ND	ND	46	1.2	ND	ND	ND	ND	65 D	ND	ND	ND	ND	ND	4.7	ND	ND			--	
Benzene	0.73	ND	ND	ND	1.1	ND	0.57	0.74	0.36	0.47	ND	0.76	0.7	0.58	0.24	0.43	1.1	0.92			15	
Carbon Tetrachloride	ND	ND	ND	ND	0.4	0.31	0.38	0.45	0.35	0.34	ND	0.25	0.41	0.39	0.43	0.35	0.34	0.31	6	0.2	0.87	
Chloroform	0.97	ND	ND	ND	0.72	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND			1.4	
Chloromethane	ND	ND	ND	ND	1.3	1.2	ND	ND	ND	0.81	ND	1.1	ND	ND	ND	1	1.1	1.1			3.3	
cis-1,2-Dichloroethene	0.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	0.2	0.24	
Cyclohexane	ND	ND	ND	ND	ND	ND	ND	0.29	ND	ND	ND	ND	0.19	0.16	ND	ND	ND	ND			9.1	
Dichlorodifluoromethane	5	3.8	6.6	ND	2.8	ND	0.49	3.1	2.9	1.6	2.6	ND	2.1	2.8	2.7	1.8	2.6	ND			15	
Ethanol	ND	ND	ND	130	170	ND	ND	ND	ND	200 D	420	ND	ND	ND	ND	24	26	ND			--	
Ethyl Benzene	7.7	ND	1.7	ND	2.6	ND	ND	0.2	ND	0.85	ND	ND	0.21	ND	ND	ND	0.41	ND			7.3	
Hexane	0.98	ND	ND	ND	2	ND	1.9	1.1	0.51	ND	ND	2.0	3	0.66	ND	1	1.2	ND			--	
m,p-Xylene	28	ND	6.9	6.7	11	ND	ND	0.65	ND	3.7	ND	ND	0.53	0.47	ND	0.66	1.6	ND			12	
Methylene Chloride	ND	ND	ND	ND	2.1	ND	ND	ND	ND	0.97	ND	4.1	ND	ND	ND	2.1	1.4	ND	100	3	22	
n-Heptane	1.5	ND	ND	ND	ND	ND	0.16	0.45	ND	ND	ND	ND	0.49	0.26	ND	ND	ND	ND			--	
o-Xylene	9.5	ND	2.2	ND	4.3	ND	ND	0.24	ND	1.4	ND	ND	0.22	0.18	ND	ND	0.49	ND			--	
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.38	ND	ND	ND	ND	ND	ND	ND	ND			1.3	
tert-Butyl Alcohol	ND	ND	ND	370	3.4	ND	ND	ND	ND	1.3	ND	ND	ND	ND	ND	ND	ND	ND			--	
Tetrachloroethene	6.1	5.8	6.8	ND	ND	ND	0.29	1.1	0.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	3	2.9	
Toluene	20	3.9	6.3	ND	8.8	ND	0.23	1.1	0.53	2	2.2	2.9	1.4	0.9	ND	0.7	2.4	1.5			59	
trans-1,2-Dichloroethene	ND	ND	ND	26	22	ND	ND	ND	ND	12	9.9	1	ND	ND	ND	0.47	ND	ND			<0.25	
Trichloroethene	27	12	13	ND	ND	ND	0.32	0.48	0.43	ND	ND	ND	0.24	ND	ND	ND	ND	ND	6	0.2	0.48	
Trichlorofluoromethane	4.9	3.8	8.9	ND	1.6	1.1	1.7	2.1	1.9	1.2	ND	1.2	1	1.4	1.4	1.1	1.4	1.2			17	
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	0.2	<0.25	
Xylene (total)	37	1.7	9.1	ND	ND	ND	ND	0.89	0.46	ND	ND	ND	0.75	0.65	ND	ND	ND	ND			--	

Notes:
µg/m3 = Micrograms per cubic meter
ND = Analyte not detected
D = Dilution factor of 1.52 or 1.9
J = Estimated concentration

Eight Volatile Organic Compounds on NYSDOH decision matrices (May 2017)

APPENDIX A

NYSDOH INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY

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

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

Preparer's Name JOHN FAYREAU (CHA CONSULTING, INC) Date/Time Prepared 12/21/22

Preparer's Affiliation ON BEHALF OF COLUMBIA DEVELOPMENT Phone No. (518) 453-8795

Purpose of Investigation 2022/2023 HEATING SEASON SUB-SLAB & INDOOR AIR SAMPLING, 144 STATE ST.
(RENAISSANCE HOTEL) ALBANY, NY

1. OCCUPANT:

Interviewed: Y ☒ N ☐

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

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

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

Interviewed: Y ☒ N ☐

Last Name: STABLER First Name: BRANDON

Address: COLUMBIA DEVELOPMENT, 302 WASHINGTON AVE. EXT., ALBANY, NY 12203

County: ALBANY

Home Phone: _____ Office Phone: (518) 944-0695

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
☒ Other: HOTEL

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

N/A

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

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) HOTEL

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

Other characteristics:

Number of floors 12 Building age _____

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

4. AIRFLOW ~~*NOT CONDUCTED~~

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

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

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

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

Basement/Lowest level depth below grade: _____ (feet)

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

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

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

<u>Hot air circulation</u>	Heat pump	Hot water baseboard
Space Heaters	Stream radiation	Radiant floor
Electric baseboard	Wood stove	Outdoor wood boiler Other _____

The primary type of fuel used is:

<u>Natural Gas</u>	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: NATURAL GAS

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? Y / N

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

7. OCCUPANCY

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

Level General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Basement	<u>OFFICES, BREAK ROOM, FITNESS CTR., LOCKER ROOMS, RESTROOMS, STORAGE, ELECTRICAL/MECHANICAL</u>
1 st Floor	<u>LOBBY, RESTAURANT, KITCHEN</u>
2 nd Floor	<u>HOTEL ROOMS</u>
3 rd Floor	
4 th Floor	
12 th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

- Is there an attached garage? Y N
- Does the garage have a separate heating unit? Y / N / NA
- Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / NA
Please specify _____
- Has the building ever had a fire? Y N When? _____
- Is a kerosene or unvented gas space heater present? Y N Where? _____
- Is there a workshop or hobby/craft area? Y N Where & Type? _____
- Is there smoking in the building? Y N How frequently? _____
- Have cleaning products been used recently? Y / N When & Type? _____
- Have cosmetic products been used recently? UNKNOWN Y / N When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☒ N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☒ N Where & When? _____
- l. Have air fresheners been used recently? Y ☒ N When & Type? _____
- m. Is there a kitchen exhaust fan? ☒ Y / N If yes, where vented? OUTSIDE
- n. Is there a bathroom exhaust fan? ☒ Y / N If yes, where vented? OUTSIDE
- o. Is there a clothes dryer? ☒ Y / N If yes, is it vented outside? ☒ Y / N
- p. Has there been a pesticide application? Y ☒ N When & Type? _____
- Are there odors in the building? Y ☒ N
If yes, please describe: _____

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

If yes, what types of solvents are used? _____

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

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

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

Is there a radon mitigation system for the building/structure? Y ☒ N Date of Installation: 2015
Is the system active or passive? ☒ Active ☐ Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water ☐ Drilled Well ☐ Driven Well ☐ Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer ☐ Septic Tank ☐ Leach Field ☐ Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

☒ N/A

a. Provide reasons why relocation is recommended: _____

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

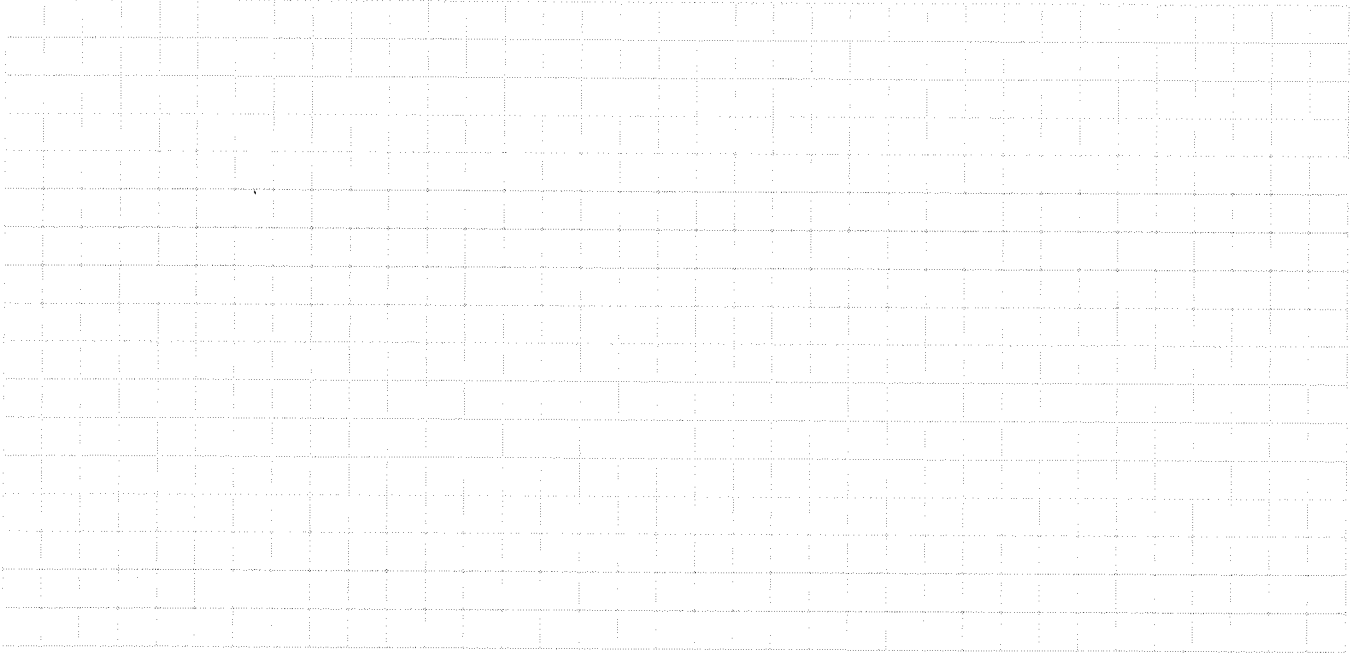
c. Responsibility for costs associated with reimbursement explained? Y / N

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

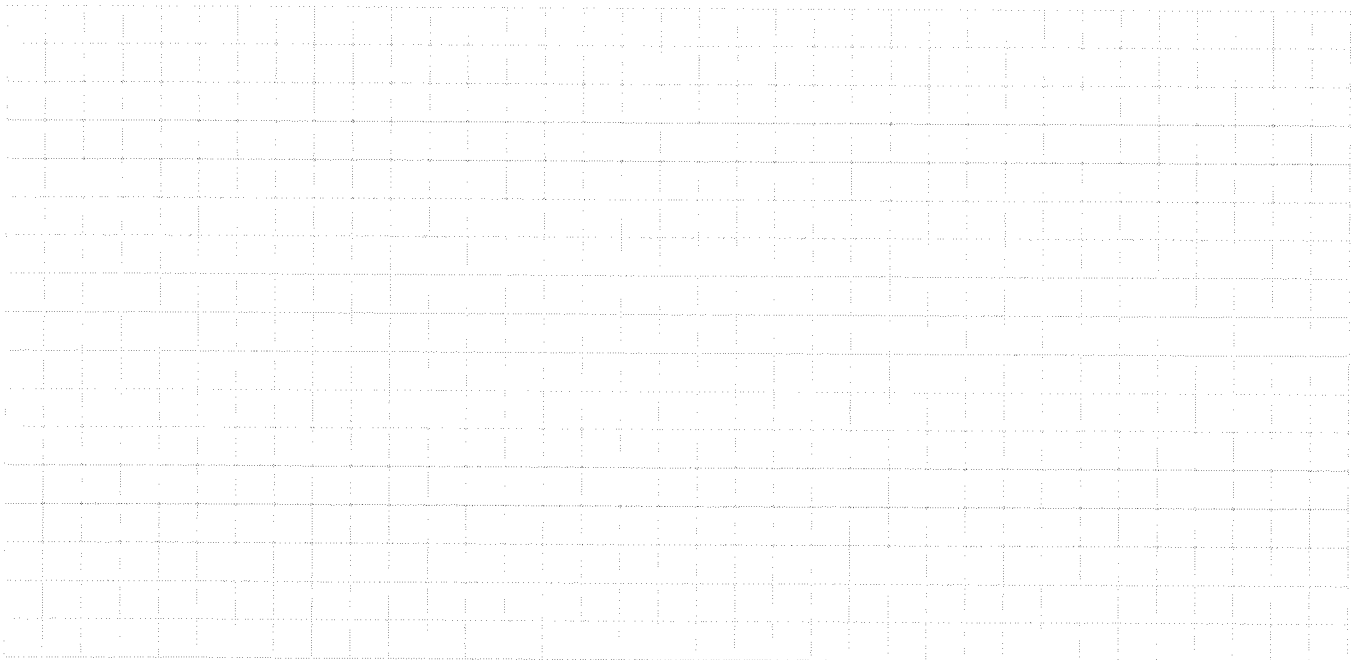
11. FLOOR PLANS

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

Basement:

A large rectangular area filled with a grid of dotted lines, intended for drawing a plan view sketch of the basement floor.

First Floor:

A large rectangular area filled with a grid of dotted lines, intended for drawing a plan view sketch of the first floor.

12. OUTDOOR PLOT

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

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

A large grid of dotted lines for sketching the outdoor plot area. The grid is composed of 20 columns and 20 rows of small squares, providing a structured space for drawing and labeling the site surroundings.

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: N/A

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** <u>Y/N</u>
<u>BASEMENT</u>	VARIOUS-SIZED CONTAINERS OF TYPICAL CLEANING PRODUCTS INCLUDING SOAPS, SANITIZERS, LAUNDRY DETERGENT, STAIN REMOVER - CONTAINERS OBSERVED TO BE CLOSED AND IN GOOD CONDITION.					

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

APPENDIX B
LABORATORY ANALYTICAL REPORT

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. John Favreau
CHA Inc
III Winners Circle
PO BOX 5269
Albany, New York 12205-0269

Generated 1/5/2023 11:35:10 AM

JOB DESCRIPTION

Former Albany Labs 144 State St.

JOB NUMBER

480-205079-1

Eurofins Buffalo

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Buffalo and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Buffalo Project Manager or designee who has signed this report.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Authorized for release by
Steve Hartmann, Project Manager
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Definitions/Glossary

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
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: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Job ID: 480-205079-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-205079-1

Comments

No additional comments.

Receipt

The samples were received on 12/29/2022 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice.

Air Toxics

During the canister pressure check performed upon receipt, it was observed that the following sample was received at an elevated residual vacuum level: 144-IA-2-122122. The associated flow controller was evaluated upon receipt and was found to be outside the acceptable flow range as compared to the original set flow rate.

Method TO-15: The continuing calibration verification (CCV) associated with batch 200-187162 recovered above the upper control limit for Isopropyl Alcohol and Tetrahydrofuran. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-1-122122

Lab Sample ID: 480-205079-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.2		1.0		ug/m3	1		TO-15	Total/NA
n-Butane	51		1.2		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1		ug/m3	1		TO-15	Total/NA
Acetone	13		12		ug/m3	1		TO-15	Total/NA
Carbon disulfide	2.5		1.6		ug/m3	1		TO-15	Total/NA
Methylene Chloride	6.2		1.7		ug/m3	1		TO-15	Total/NA
n-Hexane	2.4		1.8		ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.8		1.5		ug/m3	1		TO-15	Total/NA
Chloroform	6.9		0.98		ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.31		0.22		ug/m3	1		TO-15	Total/NA
Benzene	0.70		0.64		ug/m3	1		TO-15	Total/NA
Toluene	1.0		0.75		ug/m3	1		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.57		0.50		ppb v/v	1		TO-15	Total/NA
n-Butane	21		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.21		0.20		ppb v/v	1		TO-15	Total/NA
Acetone	5.3		5.0		ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.79		0.50		ppb v/v	1		TO-15	Total/NA
Methylene Chloride	1.8		0.50		ppb v/v	1		TO-15	Total/NA
n-Hexane	0.67		0.50		ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.94		0.50		ppb v/v	1		TO-15	Total/NA
Chloroform	1.4		0.20		ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.049		0.035		ppb v/v	1		TO-15	Total/NA
Benzene	0.22		0.20		ppb v/v	1		TO-15	Total/NA
Toluene	0.27		0.20		ppb v/v	1		TO-15	Total/NA

Client Sample ID: 144-SSV-1-122122

Lab Sample ID: 480-205079-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	4.8		2.5		ug/m3	1		TO-15	Total/NA
Chloromethane	1.2		1.0		ug/m3	1		TO-15	Total/NA
n-Butane	49		1.2		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1		ug/m3	1		TO-15	Total/NA
Acetone	13		12		ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.2		1.5		ug/m3	1		TO-15	Total/NA
Chloroform	5.5		0.98		ug/m3	1		TO-15	Total/NA
Cyclohexane	1.8		0.69		ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.32		0.22		ug/m3	1		TO-15	Total/NA
Benzene	0.71		0.64		ug/m3	1		TO-15	Total/NA
n-Heptane	1.1		0.82		ug/m3	1		TO-15	Total/NA
Toluene	2.2		0.75		ug/m3	1		TO-15	Total/NA
o-Xylene	0.97		0.87		ug/m3	1		TO-15	Total/NA
Cumene	2.2		0.98		ug/m3	1		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.96		0.50		ppb v/v	1		TO-15	Total/NA
Chloromethane	0.59		0.50		ppb v/v	1		TO-15	Total/NA
n-Butane	21		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.26		0.20		ppb v/v	1		TO-15	Total/NA
Acetone	5.5		5.0		ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.1		0.50		ppb v/v	1		TO-15	Total/NA
Chloroform	1.1		0.20		ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-SSV-1-122122 (Continued)

Lab Sample ID: 480-205079-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane	0.51		0.20		ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.050		0.035		ppb v/v	1		TO-15	Total/NA
Benzene	0.22		0.20		ppb v/v	1		TO-15	Total/NA
n-Heptane	0.27		0.20		ppb v/v	1		TO-15	Total/NA
Toluene	0.59		0.20		ppb v/v	1		TO-15	Total/NA
o-Xylene	0.22		0.20		ppb v/v	1		TO-15	Total/NA
Cumene	0.46		0.20		ppb v/v	1		TO-15	Total/NA

Client Sample ID: 144-IA-2-122122

Lab Sample ID: 480-205079-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	4.9		2.5		ug/m3	1		TO-15	Total/NA
Chloromethane	1.0		1.0		ug/m3	1		TO-15	Total/NA
n-Butane	13		1.2		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1		ug/m3	1		TO-15	Total/NA
Acetone	23		12		ug/m3	1		TO-15	Total/NA
Methylene Chloride	2.3		1.7		ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.84		0.79		ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	1.6		0.20		ug/m3	1		TO-15	Total/NA
Cyclohexane	2.2		0.69		ug/m3	1		TO-15	Total/NA
n-Heptane	0.96		0.82		ug/m3	1		TO-15	Total/NA
Trichloroethene	23		0.20		ug/m3	1		TO-15	Total/NA
Toluene	2.7		0.75		ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.87		0.87		ug/m3	1		TO-15	Total/NA
m,p-Xylene	3.5		2.2		ug/m3	1		TO-15	Total/NA
o-Xylene	1.4		0.87		ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.98		0.50		ppb v/v	1		TO-15	Total/NA
Chloromethane	0.48		0.50		ppb v/v	1		TO-15	Total/NA
n-Butane	5.3		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.22		0.20		ppb v/v	1		TO-15	Total/NA
Acetone	9.6		5.0		ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.65		0.50		ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.21		0.20		ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.41		0.050		ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.63		0.20		ppb v/v	1		TO-15	Total/NA
n-Heptane	0.23		0.20		ppb v/v	1		TO-15	Total/NA
Trichloroethene	4.4		0.037		ppb v/v	1		TO-15	Total/NA
Toluene	0.71		0.20		ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.20		0.20		ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.80		0.50		ppb v/v	1		TO-15	Total/NA
o-Xylene	0.33		0.20		ppb v/v	1		TO-15	Total/NA

Client Sample ID: 144-SSV-2-122122

Lab Sample ID: 480-205079-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	11		1.2		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1		ug/m3	1		TO-15	Total/NA
Acetone	15		12		ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.7		1.7		ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	13		0.79		ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	4.2		1.5		ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-SSV-2-122122 (Continued)

Lab Sample ID: 480-205079-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	26		0.20		ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.30		0.22		ug/m3	1		TO-15	Total/NA
Trichloroethene	6.7		0.20		ug/m3	1		TO-15	Total/NA
Toluene	7.3		0.75		ug/m3	1		TO-15	Total/NA
Tetrachloroethene	1.4		1.4		ug/m3	1		TO-15	Total/NA
m,p-Xylene	5.8		2.2		ug/m3	1		TO-15	Total/NA
o-Xylene	2.1		0.87		ug/m3	1		TO-15	Total/NA
Styrene	3.4		0.85		ug/m3	1		TO-15	Total/NA
Cumene	70		0.98		ug/m3	1		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	4.7		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.21		0.20		ppb v/v	1		TO-15	Total/NA
Acetone	6.2		5.0		ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.48		0.50		ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	3.2		0.20		ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.4		0.50		ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	6.5		0.050		ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.048		0.035		ppb v/v	1		TO-15	Total/NA
Trichloroethene	1.3		0.037		ppb v/v	1		TO-15	Total/NA
Toluene	1.9		0.20		ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.20		0.20		ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.3		0.50		ppb v/v	1		TO-15	Total/NA
o-Xylene	0.48		0.20		ppb v/v	1		TO-15	Total/NA
Styrene	0.80		0.20		ppb v/v	1		TO-15	Total/NA
Cumene	14		0.20		ppb v/v	1		TO-15	Total/NA

Client Sample ID: 144-IA-3-122122

Lab Sample ID: 480-205079-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorodifluoromethane	1.8		1.8		ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0		ug/m3	1		TO-15	Total/NA
n-Butane	24		1.2		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1		ug/m3	1		TO-15	Total/NA
Acetone	28		12		ug/m3	1		TO-15	Total/NA
Methylene Chloride	4.1		1.7		ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	1.0		0.79		ug/m3	1		TO-15	Total/NA
n-Hexane	2.0		1.8		ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.25		0.22		ug/m3	1		TO-15	Total/NA
Benzene	0.76		0.64		ug/m3	1		TO-15	Total/NA
Toluene	2.9		0.75		ug/m3	1		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorodifluoromethane	0.51		0.50		ppb v/v	1		TO-15	Total/NA
Chloromethane	0.55		0.50		ppb v/v	1		TO-15	Total/NA
n-Butane	10		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.22		0.20		ppb v/v	1		TO-15	Total/NA
Acetone	12		5.0		ppb v/v	1		TO-15	Total/NA
Methylene Chloride	1.2		0.50		ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.26		0.20		ppb v/v	1		TO-15	Total/NA
n-Hexane	0.57		0.50		ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.039		0.035		ppb v/v	1		TO-15	Total/NA
Benzene	0.24		0.20		ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-3-122122 (Continued)

Lab Sample ID: 480-205079-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.77		0.20		ppb v/v	1		TO-15	Total/NA

Client Sample ID: 144-SSV-3-122122

Lab Sample ID: 480-205079-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.2		1.0		ug/m3	1		TO-15	Total/NA
n-Butane	4.1		1.2		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1		ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.31		0.22		ug/m3	1		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.56		0.50		ppb v/v	1		TO-15	Total/NA
n-Butane	1.7		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.19		0.20		ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.050		0.035		ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-1-122122

Lab Sample ID: 480-205079-1

Date Collected: 12/21/22 16:05

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5		ug/m3			12/30/22 21:45	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/30/22 21:45	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/30/22 21:45	1
Chloromethane	1.2		1.0		ug/m3			12/30/22 21:45	1
n-Butane	51		1.2		ug/m3			12/30/22 21:45	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/30/22 21:45	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/30/22 21:45	1
Bromomethane	0.78	U	0.78		ug/m3			12/30/22 21:45	1
Chloroethane	1.3	U	1.3		ug/m3			12/30/22 21:45	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/30/22 21:45	1
Trichlorofluoromethane	1.2		1.1		ug/m3			12/30/22 21:45	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/30/22 21:45	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/30/22 21:45	1
Acetone	13		12		ug/m3			12/30/22 21:45	1
Isopropyl alcohol	12	U	12		ug/m3			12/30/22 21:45	1
Carbon disulfide	2.5		1.6		ug/m3			12/30/22 21:45	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/30/22 21:45	1
Methylene Chloride	6.2		1.7		ug/m3			12/30/22 21:45	1
tert-Butyl alcohol	15	U	15		ug/m3			12/30/22 21:45	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/30/22 21:45	1
trans-1,2-Dichloroethene	0.79	U	0.79		ug/m3			12/30/22 21:45	1
n-Hexane	2.4		1.8		ug/m3			12/30/22 21:45	1
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/30/22 21:45	1
Methyl Ethyl Ketone (2-Butanone)	2.8		1.5		ug/m3			12/30/22 21:45	1
cis-1,2-Dichloroethene	0.20	U	0.20		ug/m3			12/30/22 21:45	1
Chloroform	6.9		0.98		ug/m3			12/30/22 21:45	1
Tetrahydrofuran	15	U	15		ug/m3			12/30/22 21:45	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/30/22 21:45	1
Cyclohexane	0.69	U	0.69		ug/m3			12/30/22 21:45	1
Carbon tetrachloride	0.31		0.22		ug/m3			12/30/22 21:45	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/30/22 21:45	1
Benzene	0.70		0.64		ug/m3			12/30/22 21:45	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/30/22 21:45	1
n-Heptane	0.82	U	0.82		ug/m3			12/30/22 21:45	1
Trichloroethene	0.20	U	0.20		ug/m3			12/30/22 21:45	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/30/22 21:45	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/30/22 21:45	1
1,4-Dioxane	18	U	18		ug/m3			12/30/22 21:45	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/30/22 21:45	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/30/22 21:45	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0		ug/m3			12/30/22 21:45	1
Toluene	1.0		0.75		ug/m3			12/30/22 21:45	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/30/22 21:45	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/30/22 21:45	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/30/22 21:45	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/30/22 21:45	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/30/22 21:45	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/30/22 21:45	1

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-1-122122

Lab Sample ID: 480-205079-1

Date Collected: 12/21/22 16:05

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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		ug/m3			12/30/22 21:45	1
Ethylbenzene	0.87	U	0.87		ug/m3			12/30/22 21:45	1
m,p-Xylene	2.2	U	2.2		ug/m3			12/30/22 21:45	1
o-Xylene	0.87	U	0.87		ug/m3			12/30/22 21:45	1
Styrene	0.85	U	0.85		ug/m3			12/30/22 21:45	1
Bromoform	2.1	U	2.1		ug/m3			12/30/22 21:45	1
Cumene	0.98	U	0.98		ug/m3			12/30/22 21:45	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/30/22 21:45	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/30/22 21:45	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/30/22 21:45	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/30/22 21:45	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/30/22 21:45	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 21:45	1
1,2,4-Trimethylbenzene	0.98	U	0.98		ug/m3			12/30/22 21:45	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 21:45	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/30/22 21:45	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 21:45	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 21:45	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/30/22 21:45	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 21:45	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 21:45	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/30/22 21:45	1
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/30/22 21:45	1
Naphthalene	2.6	U	2.6		ug/m3			12/30/22 21:45	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50		ppb v/v			12/30/22 21:45	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/30/22 21:45	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Chloromethane	0.57		0.50		ppb v/v			12/30/22 21:45	1
n-Butane	21		0.50		ppb v/v			12/30/22 21:45	1
Vinyl chloride	0.078	U	0.078		ppb v/v			12/30/22 21:45	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Bromomethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Chloroethane	0.50	U	0.50		ppb v/v			12/30/22 21:45	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Trichlorofluoromethane	0.21		0.20		ppb v/v			12/30/22 21:45	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/30/22 21:45	1
Acetone	5.3		5.0		ppb v/v			12/30/22 21:45	1
Isopropyl alcohol	5.0	U	5.0		ppb v/v			12/30/22 21:45	1
Carbon disulfide	0.79		0.50		ppb v/v			12/30/22 21:45	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/30/22 21:45	1
Methylene Chloride	1.8		0.50		ppb v/v			12/30/22 21:45	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/30/22 21:45	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
trans-1,2-Dichloroethene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
n-Hexane	0.67		0.50		ppb v/v			12/30/22 21:45	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-1-122122

Lab Sample ID: 480-205079-1

Date Collected: 12/21/22 16:05

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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)	0.94		0.50		ppb v/v			12/30/22 21:45	1
cis-1,2-Dichloroethene	0.050	U	0.050		ppb v/v			12/30/22 21:45	1
Chloroform	1.4		0.20		ppb v/v			12/30/22 21:45	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/30/22 21:45	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Cyclohexane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Carbon tetrachloride	0.049		0.035		ppb v/v			12/30/22 21:45	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Benzene	0.22		0.20		ppb v/v			12/30/22 21:45	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
n-Heptane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Trichloroethene	0.037	U	0.037		ppb v/v			12/30/22 21:45	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/30/22 21:45	1
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/30/22 21:45	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/30/22 21:45	1
Toluene	0.27		0.20		ppb v/v			12/30/22 21:45	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/30/22 21:45	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Ethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
m,p-Xylene	0.50	U	0.50		ppb v/v			12/30/22 21:45	1
o-Xylene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Styrene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Bromoform	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Cumene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,2,4-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
sec-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/30/22 21:45	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-1-122122

Lab Sample ID: 480-205079-1

Date Collected: 12/21/22 16:05

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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		ppb v/v			12/30/22 21:45	1

Client Sample ID: 144-SSV-1-122122

Lab Sample ID: 480-205079-2

Date Collected: 12/21/22 16:00

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	4.8		2.5		ug/m3			12/30/22 22:39	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/30/22 22:39	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/30/22 22:39	1
Chloromethane	1.2		1.0		ug/m3			12/30/22 22:39	1
n-Butane	49		1.2		ug/m3			12/30/22 22:39	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/30/22 22:39	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/30/22 22:39	1
Bromomethane	0.78	U	0.78		ug/m3			12/30/22 22:39	1
Chloroethane	1.3	U	1.3		ug/m3			12/30/22 22:39	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/30/22 22:39	1
Trichlorofluoromethane	1.4		1.1		ug/m3			12/30/22 22:39	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/30/22 22:39	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/30/22 22:39	1
Acetone	13		12		ug/m3			12/30/22 22:39	1
Isopropyl alcohol	12	U	12		ug/m3			12/30/22 22:39	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/30/22 22:39	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/30/22 22:39	1
Methylene Chloride	1.7	U	1.7		ug/m3			12/30/22 22:39	1
tert-Butyl alcohol	15	U	15		ug/m3			12/30/22 22:39	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/30/22 22:39	1
trans-1,2-Dichloroethene	0.79	U	0.79		ug/m3			12/30/22 22:39	1
n-Hexane	1.8	U	1.8		ug/m3			12/30/22 22:39	1
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/30/22 22:39	1
Methyl Ethyl Ketone (2-Butanone)	3.2		1.5		ug/m3			12/30/22 22:39	1
cis-1,2-Dichloroethene	0.20	U	0.20		ug/m3			12/30/22 22:39	1
Chloroform	5.5		0.98		ug/m3			12/30/22 22:39	1
Tetrahydrofuran	15	U	15		ug/m3			12/30/22 22:39	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/30/22 22:39	1
Cyclohexane	1.8		0.69		ug/m3			12/30/22 22:39	1
Carbon tetrachloride	0.32		0.22		ug/m3			12/30/22 22:39	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/30/22 22:39	1
Benzene	0.71		0.64		ug/m3			12/30/22 22:39	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/30/22 22:39	1
n-Heptane	1.1		0.82		ug/m3			12/30/22 22:39	1
Trichloroethene	0.20	U	0.20		ug/m3			12/30/22 22:39	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/30/22 22:39	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/30/22 22:39	1
1,4-Dioxane	18	U	18		ug/m3			12/30/22 22:39	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/30/22 22:39	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/30/22 22:39	1

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-SSV-1-122122

Lab Sample ID: 480-205079-2

Date Collected: 12/21/22 16:00

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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		ug/m3			12/30/22 22:39	1
Toluene	2.2		0.75		ug/m3			12/30/22 22:39	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/30/22 22:39	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/30/22 22:39	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/30/22 22:39	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/30/22 22:39	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/30/22 22:39	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/30/22 22:39	1
Chlorobenzene	0.92	U	0.92		ug/m3			12/30/22 22:39	1
Ethylbenzene	0.87	U	0.87		ug/m3			12/30/22 22:39	1
m,p-Xylene	2.2	U	2.2		ug/m3			12/30/22 22:39	1
o-Xylene	0.97		0.87		ug/m3			12/30/22 22:39	1
Styrene	0.85	U	0.85		ug/m3			12/30/22 22:39	1
Bromoform	2.1	U	2.1		ug/m3			12/30/22 22:39	1
Cumene	2.2		0.98		ug/m3			12/30/22 22:39	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/30/22 22:39	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/30/22 22:39	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/30/22 22:39	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/30/22 22:39	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/30/22 22:39	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 22:39	1
1,2,4-Trimethylbenzene	0.98	U	0.98		ug/m3			12/30/22 22:39	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 22:39	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/30/22 22:39	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 22:39	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 22:39	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/30/22 22:39	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 22:39	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 22:39	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/30/22 22:39	1
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/30/22 22:39	1
Naphthalene	2.6	U	2.6		ug/m3			12/30/22 22:39	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.96		0.50		ppb v/v			12/30/22 22:39	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Chloromethane	0.59		0.50		ppb v/v			12/30/22 22:39	1
n-Butane	21		0.50		ppb v/v			12/30/22 22:39	1
Vinyl chloride	0.078	U	0.078		ppb v/v			12/30/22 22:39	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Bromomethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Chloroethane	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Trichlorofluoromethane	0.26		0.20		ppb v/v			12/30/22 22:39	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/30/22 22:39	1
Acetone	5.5		5.0		ppb v/v			12/30/22 22:39	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-SSV-1-122122

Lab Sample ID: 480-205079-2

Date Collected: 12/21/22 16:00

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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		ppb v/v			12/30/22 22:39	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
Methylene Chloride	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/30/22 22:39	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
trans-1,2-Dichloroethene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
n-Hexane	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Methyl Ethyl Ketone (2-Butanone)	1.1		0.50		ppb v/v			12/30/22 22:39	1
cis-1,2-Dichloroethene	0.050	U	0.050		ppb v/v			12/30/22 22:39	1
Chloroform	1.1		0.20		ppb v/v			12/30/22 22:39	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/30/22 22:39	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Cyclohexane	0.51		0.20		ppb v/v			12/30/22 22:39	1
Carbon tetrachloride	0.050		0.035		ppb v/v			12/30/22 22:39	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Benzene	0.22		0.20		ppb v/v			12/30/22 22:39	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
n-Heptane	0.27		0.20		ppb v/v			12/30/22 22:39	1
Trichloroethene	0.037	U	0.037		ppb v/v			12/30/22 22:39	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/30/22 22:39	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
Toluene	0.59		0.20		ppb v/v			12/30/22 22:39	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Ethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
m,p-Xylene	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
o-Xylene	0.22		0.20		ppb v/v			12/30/22 22:39	1
Styrene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Bromoform	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Cumene	0.46		0.20		ppb v/v			12/30/22 22:39	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
1,2,4-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-SSV-1-122122

Lab Sample ID: 480-205079-2

Date Collected: 12/21/22 16:00

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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		ppb v/v			12/30/22 22:39	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Naphthalene	0.50	U	0.50		ppb v/v			12/30/22 22:39	1

Client Sample ID: 144-IA-2-122122

Lab Sample ID: 480-205079-3

Date Collected: 12/21/22 17:10

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	4.9		2.5		ug/m3			12/30/22 23:33	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/30/22 23:33	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/30/22 23:33	1
Chloromethane	1.0		1.0		ug/m3			12/30/22 23:33	1
n-Butane	13		1.2		ug/m3			12/30/22 23:33	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/30/22 23:33	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/30/22 23:33	1
Bromomethane	0.78	U	0.78		ug/m3			12/30/22 23:33	1
Chloroethane	1.3	U	1.3		ug/m3			12/30/22 23:33	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/30/22 23:33	1
Trichlorofluoromethane	1.2		1.1		ug/m3			12/30/22 23:33	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/30/22 23:33	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/30/22 23:33	1
Acetone	23		12		ug/m3			12/30/22 23:33	1
Isopropyl alcohol	12	U	12		ug/m3			12/30/22 23:33	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/30/22 23:33	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/30/22 23:33	1
Methylene Chloride	2.3		1.7		ug/m3			12/30/22 23:33	1
tert-Butyl alcohol	15	U	15		ug/m3			12/30/22 23:33	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/30/22 23:33	1
trans-1,2-Dichloroethene	0.84		0.79		ug/m3			12/30/22 23:33	1
n-Hexane	1.8	U	1.8		ug/m3			12/30/22 23:33	1
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/30/22 23:33	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5		ug/m3			12/30/22 23:33	1
cis-1,2-Dichloroethene	1.6		0.20		ug/m3			12/30/22 23:33	1
Chloroform	0.98	U	0.98		ug/m3			12/30/22 23:33	1
Tetrahydrofuran	15	U	15		ug/m3			12/30/22 23:33	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/30/22 23:33	1
Cyclohexane	2.2		0.69		ug/m3			12/30/22 23:33	1
Carbon tetrachloride	0.22	U	0.22		ug/m3			12/30/22 23:33	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/30/22 23:33	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-2-122122

Lab Sample ID: 480-205079-3

Date Collected: 12/21/22 17:10

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.64	U	0.64		ug/m3			12/30/22 23:33	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/30/22 23:33	1
n-Heptane	0.96		0.82		ug/m3			12/30/22 23:33	1
Trichloroethene	23		0.20		ug/m3			12/30/22 23:33	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/30/22 23:33	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/30/22 23:33	1
1,4-Dioxane	18	U	18		ug/m3			12/30/22 23:33	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/30/22 23:33	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/30/22 23:33	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0		ug/m3			12/30/22 23:33	1
Toluene	2.7		0.75		ug/m3			12/30/22 23:33	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/30/22 23:33	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/30/22 23:33	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/30/22 23:33	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/30/22 23:33	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/30/22 23:33	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/30/22 23:33	1
Chlorobenzene	0.92	U	0.92		ug/m3			12/30/22 23:33	1
Ethylbenzene	0.87		0.87		ug/m3			12/30/22 23:33	1
m,p-Xylene	3.5		2.2		ug/m3			12/30/22 23:33	1
o-Xylene	1.4		0.87		ug/m3			12/30/22 23:33	1
Styrene	0.85	U	0.85		ug/m3			12/30/22 23:33	1
Bromoform	2.1	U	2.1		ug/m3			12/30/22 23:33	1
Cumene	0.98	U	0.98		ug/m3			12/30/22 23:33	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/30/22 23:33	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/30/22 23:33	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/30/22 23:33	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/30/22 23:33	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/30/22 23:33	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 23:33	1
1,2,4-Trimethylbenzene	0.98	U	0.98		ug/m3			12/30/22 23:33	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 23:33	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/30/22 23:33	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 23:33	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 23:33	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/30/22 23:33	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 23:33	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 23:33	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/30/22 23:33	1
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/30/22 23:33	1
Naphthalene	2.6	U	2.6		ug/m3			12/30/22 23:33	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.98		0.50		ppb v/v			12/30/22 23:33	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/30/22 23:33	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Chloromethane	0.48		0.50		ppb v/v			12/30/22 23:33	1
n-Butane	5.3		0.50		ppb v/v			12/30/22 23:33	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-2-122122

Lab Sample ID: 480-205079-3

Date Collected: 12/21/22 17:10

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.078	U	0.078		ppb v/v			12/30/22 23:33	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Bromomethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Chloroethane	0.50	U	0.50		ppb v/v			12/30/22 23:33	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Trichlorofluoromethane	0.22		0.20		ppb v/v			12/30/22 23:33	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/30/22 23:33	1
Acetone	9.6		5.0		ppb v/v			12/30/22 23:33	1
Isopropyl alcohol	5.0	U	5.0		ppb v/v			12/30/22 23:33	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/30/22 23:33	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/30/22 23:33	1
Methylene Chloride	0.65		0.50		ppb v/v			12/30/22 23:33	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/30/22 23:33	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
trans-1,2-Dichloroethene	0.21		0.20		ppb v/v			12/30/22 23:33	1
n-Hexane	0.50	U	0.50		ppb v/v			12/30/22 23:33	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50		ppb v/v			12/30/22 23:33	1
cis-1,2-Dichloroethene	0.41		0.050		ppb v/v			12/30/22 23:33	1
Chloroform	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/30/22 23:33	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Cyclohexane	0.63		0.20		ppb v/v			12/30/22 23:33	1
Carbon tetrachloride	0.035	U	0.035		ppb v/v			12/30/22 23:33	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Benzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
n-Heptane	0.23		0.20		ppb v/v			12/30/22 23:33	1
Trichloroethene	4.4		0.037		ppb v/v			12/30/22 23:33	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/30/22 23:33	1
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/30/22 23:33	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/30/22 23:33	1
Toluene	0.71		0.20		ppb v/v			12/30/22 23:33	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/30/22 23:33	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Ethylbenzene	0.20		0.20		ppb v/v			12/30/22 23:33	1
m,p-Xylene	0.80		0.50		ppb v/v			12/30/22 23:33	1
o-Xylene	0.33		0.20		ppb v/v			12/30/22 23:33	1
Styrene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-2-122122

Lab Sample ID: 480-205079-3

Date Collected: 12/21/22 17:10

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Cumene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,2,4-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
sec-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/30/22 23:33	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Naphthalene	0.50	U	0.50		ppb v/v			12/30/22 23:33	1

Client Sample ID: 144-SSV-2-122122

Lab Sample ID: 480-205079-4

Date Collected: 12/21/22 16:17

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5		ug/m3			12/31/22 00:27	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/31/22 00:27	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/31/22 00:27	1
Chloromethane	1.0	U	1.0		ug/m3			12/31/22 00:27	1
n-Butane	11		1.2		ug/m3			12/31/22 00:27	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/31/22 00:27	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/31/22 00:27	1
Bromomethane	0.78	U	0.78		ug/m3			12/31/22 00:27	1
Chloroethane	1.3	U	1.3		ug/m3			12/31/22 00:27	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/31/22 00:27	1
Trichlorofluoromethane	1.2		1.1		ug/m3			12/31/22 00:27	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/31/22 00:27	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 00:27	1
Acetone	15		12		ug/m3			12/31/22 00:27	1
Isopropyl alcohol	12	U	12		ug/m3			12/31/22 00:27	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/31/22 00:27	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/31/22 00:27	1
Methylene Chloride	1.7		1.7		ug/m3			12/31/22 00:27	1
tert-Butyl alcohol	15	U	15		ug/m3			12/31/22 00:27	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/31/22 00:27	1
trans-1,2-Dichloroethene	13		0.79		ug/m3			12/31/22 00:27	1
n-Hexane	1.8	U	1.8		ug/m3			12/31/22 00:27	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-SSV-2-122122

Lab Sample ID: 480-205079-4

Date Collected: 12/21/22 16:17

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 00:27	1
Methyl Ethyl Ketone (2-Butanone)	4.2		1.5		ug/m3			12/31/22 00:27	1
cis-1,2-Dichloroethene	26		0.20		ug/m3			12/31/22 00:27	1
Chloroform	0.98	U	0.98		ug/m3			12/31/22 00:27	1
Tetrahydrofuran	15	U	15		ug/m3			12/31/22 00:27	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 00:27	1
Cyclohexane	0.69	U	0.69		ug/m3			12/31/22 00:27	1
Carbon tetrachloride	0.30		0.22		ug/m3			12/31/22 00:27	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/31/22 00:27	1
Benzene	0.64	U	0.64		ug/m3			12/31/22 00:27	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 00:27	1
n-Heptane	0.82	U	0.82		ug/m3			12/31/22 00:27	1
Trichloroethene	6.7		0.20		ug/m3			12/31/22 00:27	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/31/22 00:27	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/31/22 00:27	1
1,4-Dioxane	18	U	18		ug/m3			12/31/22 00:27	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/31/22 00:27	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 00:27	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0		ug/m3			12/31/22 00:27	1
Toluene	7.3		0.75		ug/m3			12/31/22 00:27	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 00:27	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 00:27	1
Tetrachloroethene	1.4		1.4		ug/m3			12/31/22 00:27	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/31/22 00:27	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/31/22 00:27	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/31/22 00:27	1
Chlorobenzene	0.92	U	0.92		ug/m3			12/31/22 00:27	1
Ethylbenzene	0.87	U	0.87		ug/m3			12/31/22 00:27	1
m,p-Xylene	5.8		2.2		ug/m3			12/31/22 00:27	1
o-Xylene	2.1		0.87		ug/m3			12/31/22 00:27	1
Styrene	3.4		0.85		ug/m3			12/31/22 00:27	1
Bromoform	2.1	U	2.1		ug/m3			12/31/22 00:27	1
Cumene	70		0.98		ug/m3			12/31/22 00:27	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/31/22 00:27	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/31/22 00:27	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/31/22 00:27	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 00:27	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/31/22 00:27	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 00:27	1
1,2,4-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 00:27	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 00:27	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/31/22 00:27	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 00:27	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 00:27	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/31/22 00:27	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 00:27	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 00:27	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/31/22 00:27	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-SSV-2-122122

Lab Sample ID: 480-205079-4

Date Collected: 12/21/22 16:17

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/31/22 00:27	1
Naphthalene	2.6	U	2.6		ug/m3			12/31/22 00:27	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Chloromethane	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
n-Butane	4.7		0.50		ppb v/v			12/31/22 00:27	1
Vinyl chloride	0.078	U	0.078		ppb v/v			12/31/22 00:27	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Bromomethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Chloroethane	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Trichlorofluoromethane	0.21		0.20		ppb v/v			12/31/22 00:27	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 00:27	1
Acetone	6.2		5.0		ppb v/v			12/31/22 00:27	1
Isopropyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 00:27	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
Methylene Chloride	0.48		0.50		ppb v/v			12/31/22 00:27	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 00:27	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
trans-1,2-Dichloroethene	3.2		0.20		ppb v/v			12/31/22 00:27	1
n-Hexane	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Methyl Ethyl Ketone (2-Butanone)	1.4		0.50		ppb v/v			12/31/22 00:27	1
cis-1,2-Dichloroethene	6.5		0.050		ppb v/v			12/31/22 00:27	1
Chloroform	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/31/22 00:27	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Cyclohexane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Carbon tetrachloride	0.048		0.035		ppb v/v			12/31/22 00:27	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Benzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
n-Heptane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Trichloroethene	1.3		0.037		ppb v/v			12/31/22 00:27	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/31/22 00:27	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
Toluene	1.9		0.20		ppb v/v			12/31/22 00:27	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-SSV-2-122122

Lab Sample ID: 480-205079-4

Date Collected: 12/21/22 16:17

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.20		0.20		ppb v/v			12/31/22 00:27	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Ethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
m,p-Xylene	1.3		0.50		ppb v/v			12/31/22 00:27	1
o-Xylene	0.48		0.20		ppb v/v			12/31/22 00:27	1
Styrene	0.80		0.20		ppb v/v			12/31/22 00:27	1
Bromoform	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Cumene	14		0.20		ppb v/v			12/31/22 00:27	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,2,4-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
sec-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Naphthalene	0.50	U	0.50		ppb v/v			12/31/22 00:27	1

Client Sample ID: 144-IA-3-122122

Lab Sample ID: 480-205079-5

Date Collected: 12/21/22 16:45

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5		ug/m3			12/31/22 01:21	1
Chlorodifluoromethane	1.8		1.8		ug/m3			12/31/22 01:21	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/31/22 01:21	1
Chloromethane	1.1		1.0		ug/m3			12/31/22 01:21	1
n-Butane	24		1.2		ug/m3			12/31/22 01:21	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/31/22 01:21	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/31/22 01:21	1
Bromomethane	0.78	U	0.78		ug/m3			12/31/22 01:21	1
Chloroethane	1.3	U	1.3		ug/m3			12/31/22 01:21	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/31/22 01:21	1
Trichlorofluoromethane	1.2		1.1		ug/m3			12/31/22 01:21	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/31/22 01:21	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 01:21	1

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-3-122122

Lab Sample ID: 480-205079-5

Date Collected: 12/21/22 16:45

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	28		12		ug/m3			12/31/22 01:21	1
Isopropyl alcohol	12	U	12		ug/m3			12/31/22 01:21	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/31/22 01:21	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/31/22 01:21	1
Methylene Chloride	4.1		1.7		ug/m3			12/31/22 01:21	1
tert-Butyl alcohol	15	U	15		ug/m3			12/31/22 01:21	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/31/22 01:21	1
trans-1,2-Dichloroethene	1.0		0.79		ug/m3			12/31/22 01:21	1
n-Hexane	2.0		1.8		ug/m3			12/31/22 01:21	1
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 01:21	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5		ug/m3			12/31/22 01:21	1
cis-1,2-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 01:21	1
Chloroform	0.98	U	0.98		ug/m3			12/31/22 01:21	1
Tetrahydrofuran	15	U	15		ug/m3			12/31/22 01:21	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 01:21	1
Cyclohexane	0.69	U	0.69		ug/m3			12/31/22 01:21	1
Carbon tetrachloride	0.25		0.22		ug/m3			12/31/22 01:21	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/31/22 01:21	1
Benzene	0.76		0.64		ug/m3			12/31/22 01:21	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 01:21	1
n-Heptane	0.82	U	0.82		ug/m3			12/31/22 01:21	1
Trichloroethene	0.20	U	0.20		ug/m3			12/31/22 01:21	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/31/22 01:21	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/31/22 01:21	1
1,4-Dioxane	18	U	18		ug/m3			12/31/22 01:21	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/31/22 01:21	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 01:21	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0		ug/m3			12/31/22 01:21	1
Toluene	2.9		0.75		ug/m3			12/31/22 01:21	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 01:21	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 01:21	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/31/22 01:21	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/31/22 01:21	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/31/22 01:21	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/31/22 01:21	1
Chlorobenzene	0.92	U	0.92		ug/m3			12/31/22 01:21	1
Ethylbenzene	0.87	U	0.87		ug/m3			12/31/22 01:21	1
m,p-Xylene	2.2	U	2.2		ug/m3			12/31/22 01:21	1
o-Xylene	0.87	U	0.87		ug/m3			12/31/22 01:21	1
Styrene	0.85	U	0.85		ug/m3			12/31/22 01:21	1
Bromoform	2.1	U	2.1		ug/m3			12/31/22 01:21	1
Cumene	0.98	U	0.98		ug/m3			12/31/22 01:21	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/31/22 01:21	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/31/22 01:21	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/31/22 01:21	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 01:21	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/31/22 01:21	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 01:21	1

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-3-122122

Lab Sample ID: 480-205079-5

Date Collected: 12/21/22 16:45

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 01:21	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 01:21	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/31/22 01:21	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 01:21	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 01:21	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/31/22 01:21	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 01:21	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 01:21	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/31/22 01:21	1
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/31/22 01:21	1
Naphthalene	2.6	U	2.6		ug/m3			12/31/22 01:21	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 01:21	1
Chlorodifluoromethane	0.51		0.50		ppb v/v			12/31/22 01:21	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Chloromethane	0.55		0.50		ppb v/v			12/31/22 01:21	1
n-Butane	10		0.50		ppb v/v			12/31/22 01:21	1
Vinyl chloride	0.078	U	0.078		ppb v/v			12/31/22 01:21	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Bromomethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Chloroethane	0.50	U	0.50		ppb v/v			12/31/22 01:21	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Trichlorofluoromethane	0.22		0.20		ppb v/v			12/31/22 01:21	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 01:21	1
Acetone	12		5.0		ppb v/v			12/31/22 01:21	1
Isopropyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 01:21	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/31/22 01:21	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/31/22 01:21	1
Methylene Chloride	1.2		0.50		ppb v/v			12/31/22 01:21	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 01:21	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
trans-1,2-Dichloroethene	0.26		0.20		ppb v/v			12/31/22 01:21	1
n-Hexane	0.57		0.50		ppb v/v			12/31/22 01:21	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50		ppb v/v			12/31/22 01:21	1
cis-1,2-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 01:21	1
Chloroform	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/31/22 01:21	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Cyclohexane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Carbon tetrachloride	0.039		0.035		ppb v/v			12/31/22 01:21	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Benzene	0.24		0.20		ppb v/v			12/31/22 01:21	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
n-Heptane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Trichloroethene	0.037	U	0.037		ppb v/v			12/31/22 01:21	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/31/22 01:21	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-3-122122

Lab Sample ID: 480-205079-5

Date Collected: 12/21/22 16:45

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/31/22 01:21	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/31/22 01:21	1
Toluene	0.77		0.20		ppb v/v			12/31/22 01:21	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/31/22 01:21	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Ethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
m,p-Xylene	0.50	U	0.50		ppb v/v			12/31/22 01:21	1
o-Xylene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Styrene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Bromoform	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Cumene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,2,4-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
sec-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/31/22 01:21	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Naphthalene	0.50	U	0.50		ppb v/v			12/31/22 01:21	1

Client Sample ID: 144-SSV-3-122122

Lab Sample ID: 480-205079-6

Date Collected: 12/21/22 16:50

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5		ug/m3			12/31/22 02:15	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/31/22 02:15	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/31/22 02:15	1
Chloromethane	1.2		1.0		ug/m3			12/31/22 02:15	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-SSV-3-122122

Lab Sample ID: 480-205079-6

Date Collected: 12/21/22 16:50

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	4.1		1.2		ug/m3			12/31/22 02:15	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/31/22 02:15	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/31/22 02:15	1
Bromomethane	0.78	U	0.78		ug/m3			12/31/22 02:15	1
Chloroethane	1.3	U	1.3		ug/m3			12/31/22 02:15	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/31/22 02:15	1
Trichlorofluoromethane	1.1		1.1		ug/m3			12/31/22 02:15	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/31/22 02:15	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 02:15	1
Acetone	12	U	12		ug/m3			12/31/22 02:15	1
Isopropyl alcohol	12	U	12		ug/m3			12/31/22 02:15	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/31/22 02:15	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/31/22 02:15	1
Methylene Chloride	1.7	U	1.7		ug/m3			12/31/22 02:15	1
tert-Butyl alcohol	15	U	15		ug/m3			12/31/22 02:15	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/31/22 02:15	1
trans-1,2-Dichloroethene	0.79	U	0.79		ug/m3			12/31/22 02:15	1
n-Hexane	1.8	U	1.8		ug/m3			12/31/22 02:15	1
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 02:15	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5		ug/m3			12/31/22 02:15	1
cis-1,2-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 02:15	1
Chloroform	0.98	U	0.98		ug/m3			12/31/22 02:15	1
Tetrahydrofuran	15	U	15		ug/m3			12/31/22 02:15	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 02:15	1
Cyclohexane	0.69	U	0.69		ug/m3			12/31/22 02:15	1
Carbon tetrachloride	0.31		0.22		ug/m3			12/31/22 02:15	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/31/22 02:15	1
Benzene	0.64	U	0.64		ug/m3			12/31/22 02:15	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 02:15	1
n-Heptane	0.82	U	0.82		ug/m3			12/31/22 02:15	1
Trichloroethene	0.20	U	0.20		ug/m3			12/31/22 02:15	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/31/22 02:15	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/31/22 02:15	1
1,4-Dioxane	18	U	18		ug/m3			12/31/22 02:15	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/31/22 02:15	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 02:15	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0		ug/m3			12/31/22 02:15	1
Toluene	0.75	U	0.75		ug/m3			12/31/22 02:15	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 02:15	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 02:15	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/31/22 02:15	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/31/22 02:15	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/31/22 02:15	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/31/22 02:15	1
Chlorobenzene	0.92	U	0.92		ug/m3			12/31/22 02:15	1
Ethylbenzene	0.87	U	0.87		ug/m3			12/31/22 02:15	1
m,p-Xylene	2.2	U	2.2		ug/m3			12/31/22 02:15	1
o-Xylene	0.87	U	0.87		ug/m3			12/31/22 02:15	1

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-SSV-3-122122

Lab Sample ID: 480-205079-6

Date Collected: 12/21/22 16:50

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.85	U	0.85		ug/m3			12/31/22 02:15	1
Bromoform	2.1	U	2.1		ug/m3			12/31/22 02:15	1
Cumene	0.98	U	0.98		ug/m3			12/31/22 02:15	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/31/22 02:15	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/31/22 02:15	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/31/22 02:15	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 02:15	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/31/22 02:15	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 02:15	1
1,2,4-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 02:15	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 02:15	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/31/22 02:15	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 02:15	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 02:15	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/31/22 02:15	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 02:15	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 02:15	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/31/22 02:15	1
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/31/22 02:15	1
Naphthalene	2.6	U	2.6		ug/m3			12/31/22 02:15	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Chloromethane	0.56		0.50		ppb v/v			12/31/22 02:15	1
n-Butane	1.7		0.50		ppb v/v			12/31/22 02:15	1
Vinyl chloride	0.078	U	0.078		ppb v/v			12/31/22 02:15	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Bromomethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Chloroethane	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Trichlorofluoromethane	0.19		0.20		ppb v/v			12/31/22 02:15	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 02:15	1
Acetone	5.0	U	5.0		ppb v/v			12/31/22 02:15	1
Isopropyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 02:15	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
Methylene Chloride	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 02:15	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
trans-1,2-Dichloroethene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
n-Hexane	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
cis-1,2-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 02:15	1
Chloroform	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/31/22 02:15	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-SSV-3-122122

Lab Sample ID: 480-205079-6

Date Collected: 12/21/22 16:50

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Cyclohexane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Carbon tetrachloride	0.050		0.035		ppb v/v			12/31/22 02:15	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Benzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
n-Heptane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Trichloroethene	0.037	U	0.037		ppb v/v			12/31/22 02:15	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/31/22 02:15	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
Toluene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Ethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
m,p-Xylene	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
o-Xylene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Styrene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Bromoform	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Cumene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,2,4-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
sec-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Naphthalene	0.50	U	0.50		ppb v/v			12/31/22 02:15	1

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QC Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-187162/6

Matrix: Air

Analysis Batch: 187162

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		ug/m3			12/30/22 13:41	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/30/22 13:41	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/30/22 13:41	1
Chloromethane	1.0	U	1.0		ug/m3			12/30/22 13:41	1
n-Butane	1.2	U	1.2		ug/m3			12/30/22 13:41	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/30/22 13:41	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/30/22 13:41	1
Bromomethane	0.78	U	0.78		ug/m3			12/30/22 13:41	1
Chloroethane	1.3	U	1.3		ug/m3			12/30/22 13:41	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/30/22 13:41	1
Trichlorofluoromethane	1.1	U	1.1		ug/m3			12/30/22 13:41	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/30/22 13:41	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/30/22 13:41	1
Acetone	12	U	12		ug/m3			12/30/22 13:41	1
Isopropyl alcohol	12	U	12		ug/m3			12/30/22 13:41	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/30/22 13:41	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/30/22 13:41	1
Methylene Chloride	1.7	U	1.7		ug/m3			12/30/22 13:41	1
tert-Butyl alcohol	15	U	15		ug/m3			12/30/22 13:41	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/30/22 13:41	1
trans-1,2-Dichloroethene	0.79	U	0.79		ug/m3			12/30/22 13:41	1
n-Hexane	1.8	U	1.8		ug/m3			12/30/22 13:41	1
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/30/22 13:41	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5		ug/m3			12/30/22 13:41	1
cis-1,2-Dichloroethene	0.20	U	0.20		ug/m3			12/30/22 13:41	1
Chloroform	0.98	U	0.98		ug/m3			12/30/22 13:41	1
Tetrahydrofuran	15	U	15		ug/m3			12/30/22 13:41	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/30/22 13:41	1
Cyclohexane	0.69	U	0.69		ug/m3			12/30/22 13:41	1
Carbon tetrachloride	0.22	U	0.22		ug/m3			12/30/22 13:41	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/30/22 13:41	1
Benzene	0.64	U	0.64		ug/m3			12/30/22 13:41	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/30/22 13:41	1
n-Heptane	0.82	U	0.82		ug/m3			12/30/22 13:41	1
Trichloroethene	0.20	U	0.20		ug/m3			12/30/22 13:41	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/30/22 13:41	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/30/22 13:41	1
1,4-Dioxane	18	U	18		ug/m3			12/30/22 13:41	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/30/22 13:41	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/30/22 13:41	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0		ug/m3			12/30/22 13:41	1
Toluene	0.75	U	0.75		ug/m3			12/30/22 13:41	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/30/22 13:41	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/30/22 13:41	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/30/22 13:41	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/30/22 13:41	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/30/22 13:41	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/30/22 13:41	1

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QC Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-187162/6

Matrix: Air

Analysis Batch: 187162

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92		ug/m3			12/30/22 13:41	1
Ethylbenzene	0.87	U	0.87		ug/m3			12/30/22 13:41	1
m,p-Xylene	2.2	U	2.2		ug/m3			12/30/22 13:41	1
o-Xylene	0.87	U	0.87		ug/m3			12/30/22 13:41	1
Styrene	0.85	U	0.85		ug/m3			12/30/22 13:41	1
Bromoform	2.1	U	2.1		ug/m3			12/30/22 13:41	1
Cumene	0.98	U	0.98		ug/m3			12/30/22 13:41	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/30/22 13:41	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/30/22 13:41	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/30/22 13:41	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/30/22 13:41	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/30/22 13:41	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 13:41	1
1,2,4-Trimethylbenzene	0.98	U	0.98		ug/m3			12/30/22 13:41	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 13:41	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/30/22 13:41	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 13:41	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 13:41	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/30/22 13:41	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 13:41	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 13:41	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/30/22 13:41	1
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/30/22 13:41	1
Naphthalene	2.6	U	2.6		ug/m3			12/30/22 13:41	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Chloromethane	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
n-Butane	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
Vinyl chloride	0.078	U	0.078		ppb v/v			12/30/22 13:41	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Bromomethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Chloroethane	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Trichlorofluoromethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/30/22 13:41	1
Acetone	5.0	U	5.0		ppb v/v			12/30/22 13:41	1
Isopropyl alcohol	5.0	U	5.0		ppb v/v			12/30/22 13:41	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
Methylene Chloride	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/30/22 13:41	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
trans-1,2-Dichloroethene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
n-Hexane	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1

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QC Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-187162/6

Matrix: Air

Analysis Batch: 187162

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
cis-1,2-Dichloroethene	0.050	U	0.050		ppb v/v			12/30/22 13:41	1
Chloroform	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/30/22 13:41	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Cyclohexane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Carbon tetrachloride	0.035	U	0.035		ppb v/v			12/30/22 13:41	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Benzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
n-Heptane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Trichloroethene	0.037	U	0.037		ppb v/v			12/30/22 13:41	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/30/22 13:41	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
Toluene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Ethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
m,p-Xylene	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
o-Xylene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Styrene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Bromoform	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Cumene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,2,4-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
sec-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1

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QC Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-187162/6

Matrix: Air

Analysis Batch: 187162

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		ppb v/v			12/30/22 13:41	1

Lab Sample ID: LCS 200-187162/5

Matrix: Air

Analysis Batch: 187162

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	54.6		ug/m3		110	61 - 142
Chlorodifluoromethane	35.4	44.5		ug/m3		126	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	75.8		ug/m3		108	71 - 141
Chloromethane	20.6	26.5		ug/m3		128	56 - 141
n-Butane	23.8	31.0		ug/m3		130	53 - 151
Vinyl chloride	25.6	29.2		ug/m3		114	61 - 135
1,3-Butadiene	22.1	24.1		ug/m3		109	58 - 139
Bromomethane	38.8	42.1		ug/m3		108	72 - 124
Chloroethane	26.4	32.4		ug/m3		123	68 - 130
Bromoethene(Vinyl Bromide)	43.7	43.8		ug/m3		100	75 - 125
Trichlorofluoromethane	56.2	58.9		ug/m3		105	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	84.7		ug/m3		111	70 - 121
1,1-Dichloroethene	39.6	40.6		ug/m3		102	68 - 120
Acetone	23.7	34.3		ug/m3		145	54 - 154
Isopropyl alcohol	24.6	29.8		ug/m3		121	53 - 142
Carbon disulfide	31.1	36.6		ug/m3		118	71 - 138
3-Chloropropene	31.3	39.7		ug/m3		127	50 - 150
Methylene Chloride	34.7	46.1		ug/m3		133	59 - 137
tert-Butyl alcohol	30.3	38.0		ug/m3		125	66 - 132
Methyl tert-butyl ether	36.0	41.4		ug/m3		115	70 - 127
trans-1,2-Dichloroethene	39.6	46.6		ug/m3		118	69 - 137
n-Hexane	35.2	42.4		ug/m3		120	63 - 138
1,1-Dichloroethane	40.5	46.4		ug/m3		115	66 - 130
Methyl Ethyl Ketone (2-Butanone)	29.5	32.2		ug/m3		109	72 - 124
cis-1,2-Dichloroethene	39.6	40.7		ug/m3		103	72 - 121
Chloroform	48.8	54.5		ug/m3		112	73 - 124
Tetrahydrofuran	29.5	41.4		ug/m3		140	60 - 149
1,1,1-Trichloroethane	54.6	59.0		ug/m3		108	72 - 127
Cyclohexane	34.4	37.2		ug/m3		108	76 - 124
Carbon tetrachloride	62.9	64.8		ug/m3		103	71 - 133
2,2,4-Trimethylpentane	46.7	56.0		ug/m3		120	68 - 131
Benzene	31.9	34.8		ug/m3		109	73 - 119
1,2-Dichloroethane	40.5	48.9		ug/m3		121	68 - 135
n-Heptane	41.0	53.6		ug/m3		131	60 - 142
Trichloroethene	53.7	53.6		ug/m3		100	73 - 122
Methyl methacrylate	40.9	47.1		ug/m3		115	73 - 129
1,2-Dichloropropane	46.2	54.2		ug/m3		117	69 - 128
1,4-Dioxane	36.0	37.7		ug/m3		105	66 - 129
Bromodichloromethane	67.0	73.1		ug/m3		109	75 - 127
cis-1,3-Dichloropropene	45.4	47.5		ug/m3		105	74 - 125

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QC Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-187162/5

Matrix: Air

Analysis Batch: 187162

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	56.0		ug/m3		137	58 - 144
Toluene	37.7	39.4		ug/m3		105	75 - 122
trans-1,3-Dichloropropene	45.4	50.3		ug/m3		111	74 - 128
1,1,2-Trichloroethane	54.6	58.4		ug/m3		107	75 - 126
Tetrachloroethene	67.8	60.2		ug/m3		89	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	56.1		ug/m3		137	57 - 143
Dibromochloromethane	85.2	87.3		ug/m3		103	73 - 125
1,2-Dibromoethane	76.8	77.6		ug/m3		101	78 - 122
Chlorobenzene	46.0	45.7		ug/m3		99	76 - 119
Ethylbenzene	43.4	45.9		ug/m3		106	74 - 122
m,p-Xylene	86.8	90.4		ug/m3		104	76 - 121
o-Xylene	43.4	44.0		ug/m3		101	73 - 123
Styrene	42.6	44.5		ug/m3		105	74 - 125
Bromoform	103	106		ug/m3		102	53 - 149
Cumene	49.1	50.2		ug/m3		102	73 - 123
1,1,2,2-Tetrachloroethane	68.6	73.1		ug/m3		107	74 - 126
n-Propylbenzene	49.1	51.8		ug/m3		105	73 - 127
4-Ethyltoluene	49.2	50.2		ug/m3		102	75 - 129
1,3,5-Trimethylbenzene	49.2	50.5		ug/m3		103	72 - 126
2-Chlorotoluene	51.8	54.4		ug/m3		105	74 - 126
tert-Butylbenzene	54.9	54.4		ug/m3		99	71 - 125
1,2,4-Trimethylbenzene	49.2	50.5		ug/m3		103	71 - 129
sec-Butylbenzene	54.9	56.5		ug/m3		103	70 - 128
4-Isopropyltoluene	54.9	57.0		ug/m3		104	68 - 130
1,3-Dichlorobenzene	60.1	59.2		ug/m3		99	69 - 131
1,4-Dichlorobenzene	60.1	57.2		ug/m3		95	67 - 132
Benzyl chloride	51.8	54.2		ug/m3		105	60 - 136
n-Butylbenzene	54.9	59.5		ug/m3		108	65 - 137
1,2-Dichlorobenzene	60.1	58.2		ug/m3		97	68 - 129
1,2,4-Trichlorobenzene	74.2	67.5		ug/m3		91	50 - 150
Hexachlorobutadiene	107	89.3		ug/m3		84	58 - 130
Naphthalene	52.4	54.0		ug/m3		103	50 - 150
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	11.0		ppb v/v		110	61 - 142
Chlorodifluoromethane	10	12.6		ppb v/v		126	60 - 147
1,2-Dichlorotetrafluoroethane	10	10.8		ppb v/v		108	71 - 141
Chloromethane	10	12.8		ppb v/v		128	56 - 141
n-Butane	10	13.0		ppb v/v		130	53 - 151
Vinyl chloride	10	11.4		ppb v/v		114	61 - 135
1,3-Butadiene	10	10.9		ppb v/v		109	58 - 139
Bromomethane	10	10.8		ppb v/v		108	72 - 124
Chloroethane	10	12.3		ppb v/v		123	68 - 130
Bromoethene(Vinyl Bromide)	10	10.0		ppb v/v		100	75 - 125
Trichlorofluoromethane	10	10.5		ppb v/v		105	70 - 129
1,1,2-Trichlorotrifluoroethane	10	11.0		ppb v/v		111	70 - 121
1,1-Dichloroethene	10	10.2		ppb v/v		102	68 - 120

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QC Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-187162/5

Matrix: Air

Analysis Batch: 187162

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	10	14.5		ppb v/v		145	54 - 154
Isopropyl alcohol	10	12.1		ppb v/v		121	53 - 142
Carbon disulfide	10	11.8		ppb v/v		118	71 - 138
3-Chloropropene	10	12.7		ppb v/v		127	50 - 150
Methylene Chloride	10	13.3		ppb v/v		133	59 - 137
tert-Butyl alcohol	10	12.5		ppb v/v		125	66 - 132
Methyl tert-butyl ether	10	11.5		ppb v/v		115	70 - 127
trans-1,2-Dichloroethene	10	11.8		ppb v/v		118	69 - 137
n-Hexane	10	12.0		ppb v/v		120	63 - 138
1,1-Dichloroethane	10	11.5		ppb v/v		115	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	10.9		ppb v/v		109	72 - 124
cis-1,2-Dichloroethene	10	10.3		ppb v/v		103	72 - 121
Chloroform	10	11.2		ppb v/v		112	73 - 124
Tetrahydrofuran	10	14.0		ppb v/v		140	60 - 149
1,1,1-Trichloroethane	10	10.8		ppb v/v		108	72 - 127
Cyclohexane	10	10.8		ppb v/v		108	76 - 124
Carbon tetrachloride	10	10.3		ppb v/v		103	71 - 133
2,2,4-Trimethylpentane	10	12.0		ppb v/v		120	68 - 131
Benzene	10	10.9		ppb v/v		109	73 - 119
1,2-Dichloroethane	10	12.1		ppb v/v		121	68 - 135
n-Heptane	10	13.1		ppb v/v		131	60 - 142
Trichloroethene	10	9.97		ppb v/v		100	73 - 122
Methyl methacrylate	10	11.5		ppb v/v		115	73 - 129
1,2-Dichloropropane	10	11.7		ppb v/v		117	69 - 128
1,4-Dioxane	10	10.5		ppb v/v		105	66 - 129
Bromodichloromethane	10	10.9		ppb v/v		109	75 - 127
cis-1,3-Dichloropropene	10	10.5		ppb v/v		105	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	13.7		ppb v/v		137	58 - 144
Toluene	10	10.5		ppb v/v		105	75 - 122
trans-1,3-Dichloropropene	10	11.1		ppb v/v		111	74 - 128
1,1,2-Trichloroethane	10	10.7		ppb v/v		107	75 - 126
Tetrachloroethene	10	8.88		ppb v/v		89	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	13.7		ppb v/v		137	57 - 143
Dibromochloromethane	10	10.3		ppb v/v		103	73 - 125
1,2-Dibromoethane	10	10.1		ppb v/v		101	78 - 122
Chlorobenzene	10	9.93		ppb v/v		99	76 - 119
Ethylbenzene	10	10.6		ppb v/v		106	74 - 122
m,p-Xylene	20	20.8		ppb v/v		104	76 - 121
o-Xylene	10	10.1		ppb v/v		101	73 - 123
Styrene	10	10.4		ppb v/v		105	74 - 125
Bromoform	10	10.2		ppb v/v		102	53 - 149
Cumene	10	10.2		ppb v/v		102	73 - 123
1,1,2,2-Tetrachloroethane	10	10.7		ppb v/v		107	74 - 126
n-Propylbenzene	10	10.5		ppb v/v		105	73 - 127
4-Ethyltoluene	10	10.2		ppb v/v		102	75 - 129
1,3,5-Trimethylbenzene	10	10.3		ppb v/v		103	72 - 126

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QC Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-187162/5

Matrix: Air

Analysis Batch: 187162

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	10.5		ppb v/v		105	74 - 126
tert-Butylbenzene	10	9.90		ppb v/v		99	71 - 125
1,2,4-Trimethylbenzene	10	10.3		ppb v/v		103	71 - 129
sec-Butylbenzene	10	10.3		ppb v/v		103	70 - 128
4-Isopropyltoluene	10	10.4		ppb v/v		104	68 - 130
1,3-Dichlorobenzene	10	9.85		ppb v/v		99	69 - 131
1,4-Dichlorobenzene	10	9.51		ppb v/v		95	67 - 132
Benzyl chloride	10	10.5		ppb v/v		105	60 - 136
n-Butylbenzene	10	10.8		ppb v/v		108	65 - 137
1,2-Dichlorobenzene	10	9.68		ppb v/v		97	68 - 129
1,2,4-Trichlorobenzene	10	9.10		ppb v/v		91	50 - 150
Hexachlorobutadiene	10	8.37		ppb v/v		84	58 - 130
Naphthalene	10	10.3		ppb v/v		103	50 - 150

QC Association Summary

Client: CHA Inc

Job ID: 480-205079-1

Project/Site: Former Albany Labs 144 State St.

Air - GC/MS VOA

Analysis Batch: 187162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205079-1	144-IA-1-122122	Total/NA	Air	TO-15	
480-205079-2	144-SSV-1-122122	Total/NA	Air	TO-15	
480-205079-3	144-IA-2-122122	Total/NA	Air	TO-15	
480-205079-4	144-SSV-2-122122	Total/NA	Air	TO-15	
480-205079-5	144-IA-3-122122	Total/NA	Air	TO-15	
480-205079-6	144-SSV-3-122122	Total/NA	Air	TO-15	
MB 200-187162/6	Method Blank	Total/NA	Air	TO-15	
LCS 200-187162/5	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-1-122122

Lab Sample ID: 480-205079-1

Date Collected: 12/21/22 16:05

Matrix: Air

Date Received: 12/29/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	187162	TPB	EET BUR	12/30/22 21:45

Client Sample ID: 144-SSV-1-122122

Lab Sample ID: 480-205079-2

Date Collected: 12/21/22 16:00

Matrix: Air

Date Received: 12/29/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	187162	TPB	EET BUR	12/30/22 22:39

Client Sample ID: 144-IA-2-122122

Lab Sample ID: 480-205079-3

Date Collected: 12/21/22 17:10

Matrix: Air

Date Received: 12/29/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	187162	TPB	EET BUR	12/30/22 23:33

Client Sample ID: 144-SSV-2-122122

Lab Sample ID: 480-205079-4

Date Collected: 12/21/22 16:17

Matrix: Air

Date Received: 12/29/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	187162	TPB	EET BUR	12/31/22 00:27

Client Sample ID: 144-IA-3-122122

Lab Sample ID: 480-205079-5

Date Collected: 12/21/22 16:45

Matrix: Air

Date Received: 12/29/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	187162	TPB	EET BUR	12/31/22 01:21

Client Sample ID: 144-SSV-3-122122

Lab Sample ID: 480-205079-6

Date Collected: 12/21/22 16:50

Matrix: Air

Date Received: 12/29/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	187162	TPB	EET BUR	12/31/22 02:15

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

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Accreditation/Certification Summary

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

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 York	NELAP	10391	04-01-23

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	4-Ethyltoluene
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Chlorodifluoromethane
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)
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
TO-15		Air	Tetrahydrofuran

Method Summary

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-205079-1	144-IA-1-122122	Air	12/21/22 16:05	12/29/22 09:45	Air Canister (6-Liter) #5683
480-205079-2	144-SSV-1-122122	Air	12/21/22 16:00	12/29/22 09:45	Air Canister (6-Liter) #2644
480-205079-3	144-IA-2-122122	Air	12/21/22 17:10	12/29/22 09:45	Air Canister (6-Liter) #3212
480-205079-4	144-SSV-2-122122	Air	12/21/22 16:17	12/29/22 09:45	Air Canister (6-Liter) #3164
480-205079-5	144-IA-3-122122	Air	12/21/22 16:45	12/29/22 09:45	Air Canister (6-Liter) #5144
480-205079-6	144-SSV-3-122122	Air	12/21/22 16:50	12/29/22 09:45	Air Canister (6-Liter) #4015

TESTAMERICA LAB INC
25 KRAFT AVE
ALBANY NY 12205
US

CAD: 0886598/CAFE3618
Part # 159469-434 MTW EXP 01/13

BILL RECIPIENT

TO **SAMPLE RECEIVING**
TESTAMERICA - BURLINGTON
30 COMMUNITY DRIVE, SUITE 11

BURLINGTON VT 05403
(802) 660-1990
REF: CHA ALBANY LABS

(US)

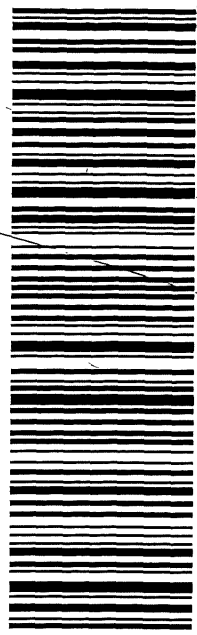
FedEx
Ground

G

2 of 3
MPS# **6145 8624 2883**
Mstr# 6145 8624 2872

05403

9622 0422 1 (000 000 0000) 0 00 6145 8624 2883



TESTAMERICA LAB INC
25 KRAFT AVE
ALBANY NY 12205
US

CAD: 0886598/CAFE3618
Part # 159469-434 MTW EXP 01/13

BILL RECIPIENT

TO **SAMPLE RECEIVING**
TESTAMERICA - BURLINGTON
30 COMMUNITY DRIVE, SUITE 11

BURLINGTON VT 05403
(802) 660-1990
REF: CHA ALBANY LABS

(US)

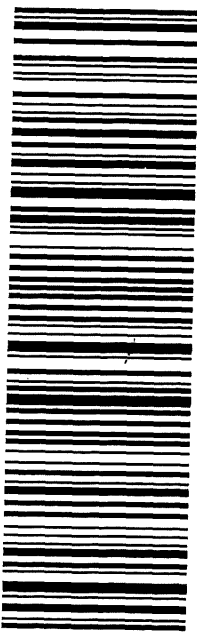
FedEx
Ground

G

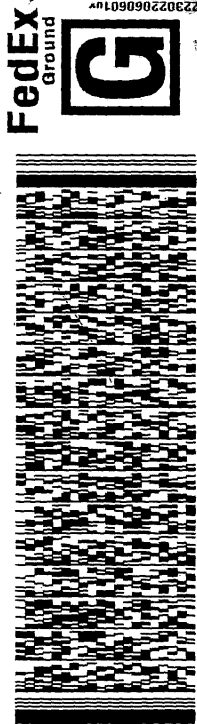
1 of 3
TRK# **6145 8624 2872**
MASTER

05403

9622 0422 1 (000 000 0000) 0 00 6145 8624 2872



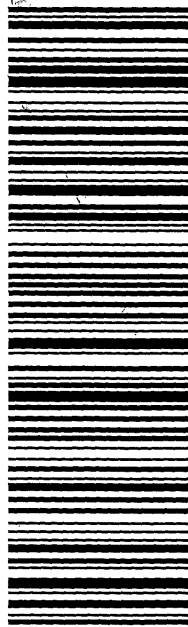
US 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
BILL-RECIPIENT
TO **SAMPLE RECEIVING**
TESTAMERICA - BURLINGTON
30 COMMUNITY DRIVE, SUITE 11
BURLINGTON VT 05403
(802) 860-1990
REF: CHA ALBANY LABS
(US)



3 of 3
MPS# **6145 8624 2894**
Mstr# **6145 8624 2872**

05403

9622 0422 1 (000 000 0000) 0 00 6145 8624 2894



Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 480-205079-1

Login Number: 205079

List Source: Eurofins Buffalo

List Number: 1

Creator: Reynolds, Jamie K

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
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.	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 $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.

Canister Cleaning & Pre-Shipment Leak Test

¹ Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

3 Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister

PM Authorization

Date:

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).
Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).
Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).
Inventory Level Limited: Canisters may only be used for certain projects.

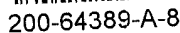
Dup Tees/Vac gauges (enter IDs if included):

Form ID: FAI023-12

Revision Date: 12/18/2018

TestAmerica Burlington

1/5/2023



2513

Location: Air-Storage

Bottle: Summa Canister 6L

Sampled: 8/1/2022 12:00 AM

200-1640238

Loc: 200

64389

#8 A

Air-Storage

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Canister Cleaning & Pre-Shipment Leak Test

System ID		Oven 1/2	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s)		Technician	Can Size	Certification Type:				
			10	50	11/20/2022	1328	22	22	SML	6 liter	batch				
						Initial Reading				Final Reading					
Port	Can ID	Initial' (psia)	Final (psia)	Diff. ³	Final ("Hg)	Gauge:	Date:	Time:	Tech:	Temp:	Gauge:	Date:	Time:	Tech:	Temp:
1	5144	104	104	0	29.3	G26	11/21/22	0940	✓	22.0	G26	11/21/22	1310	✓	22.0
2	5664					G26					G26				
3	9271					G26					G26				
4	34000438					G26					G26				
5	3212					G26					G26				
6	5951					G26					G26				
7	9282	104	104	0	29.5	G26	11/21/22	1310	✓	22.0	G26	12/3/22	1018	✓	22.0
8	5683	104	104	0	29.3	G26	11/21/22	0940	✓	22.0	G26	11/21/22	1310	✓	22.0
9	3205					G26					G26				
10	2535					G26					G26				
11	2644					G26					G26				
12	3549					G26					G26				

¹ Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

3 Difference = Final Pressure - Initial Pressure. Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister

PM Authorization

Date:

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TQ15 Routine ☐ T015 LL[illegible]

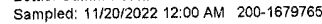
Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup TeesVac gauges (enter IDs if included):



Air-Storage

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-64389-1
 SDG No.: _____
 Client Sample ID: 2513 Lab Sample ID: 200-64389-8
 Matrix: Air Lab File ID: 51951-006.d
 Analysis Method: TO-15 Date Collected: 08/01/2022 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 08/04/2022 12:44
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 182354 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.040	U	0.040	0.020
100-42-5	Styrene	0.040	U	0.040	0.0064
10061-01-5	1,3-Dichloropropene, cis-	0.040	U	0.040	0.0040
10061-02-6	1,3-Dichloropropene, trans-	0.040	U	0.040	0.018
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.019
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.0092
106-99-0	1,3-Butadiene	0.040	U	0.040	0.0076
107-05-1	Allyl chloride	0.10	U	0.10	0.022
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.030
108-10-1	Methyl isobutyl ketone (MIBK)	0.10	U	0.10	0.038
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.0088
108-88-3	Toluene	0.040	U	0.040	0.019
108-90-7	Chlorobenzene	0.040	U	0.040	0.0086
109-99-9	Tetrahydrofuran	1.0	U	1.0	0.24
110-54-3	Hexane	0.10	U	0.10	0.046
110-82-7	Cyclohexane	0.040	U	0.040	0.0070
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.038
123-91-1	1,4-Dioxane	0.040	U	0.040	0.032
124-48-1	Dibromochloromethane	0.040	U	0.040	0.0062
127-18-4	Tetrachloroethene	0.040	U	0.040	0.0054
142-82-5	n-Heptane	0.040	U	0.040	0.012
156-59-2	1,2-Dichloroethene, cis-	0.040	U	0.040	0.0066
156-60-5	1,2-Dichloroethene, trans-	0.040	U	0.040	0.018
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.016
179601-23-1	m,p-Xylene	0.10	U	0.10	0.034
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.0070
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.018
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.0064
593-60-2	Vinyl bromide	0.040	U	0.040	0.017
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.010
64-17-5	Ethanol	1.0	U	1.0	0.13
67-63-0	Isopropanol	1.0	U	1.0	0.20
67-64-1	Acetone	1.0	U	1.0	0.40
67-66-3	Chloroform	0.040	U	0.040	0.0092

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-64389-1
 SDG No.: _____
 Client Sample ID: 2513 Lab Sample ID: 200-64389-8
 Matrix: Air Lab File ID: 51951-006.d
 Analysis Method: TO-15 Date Collected: 08/01/2022 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 08/04/2022 12:44
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 182354 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.040	U	0.040	0.015
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.0078
74-83-9	Bromomethane	0.040	U	0.040	0.010
74-87-3	Chloromethane	0.10	U	0.10	0.024
75-00-3	Chloroethane	0.10	U	0.10	0.050
75-01-4	Vinyl chloride	0.040	U	0.040	0.0056
75-09-2	Methylene Chloride	0.10	U	0.10	0.034
75-15-0	Carbon disulfide	0.10	U	0.10	0.026
75-25-2	Bromoform	0.040	U	0.040	0.012
75-27-4	Bromodichloromethane	0.040	U	0.040	0.0080
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.0058
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.0058
75-65-0	tert-Butyl alcohol	1.0	U	1.0	0.24
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.010
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.022
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.011
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.011
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.017
78-93-3	Methyl ethyl ketone (MEK)	0.10	U	0.10	0.034
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.0068
79-01-6	Trichloroethene	0.040	U	0.040	0.0048
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.0086
80-62-6	Methyl methacrylate	0.10	U	0.10	0.032
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.0062
91-20-3	Naphthalene	0.10	U	0.10	0.034
95-47-6	Xylene, o-	0.040	U	0.040	0.019
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.0096
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.014
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.0094
591-78-6	2-Hexanone	0.10	U	0.10	0.040

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20220804-51951.b\51951-006.d
 Lims ID: 200-64389-A-8
 Client ID: 2513
 Sample Type: Client
 Inject. Date: 04-Aug-2022 12:44:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0051951-006
 Misc. Info.: 64389-8
 Operator ID: vtp Instrument ID: CHW.i
 Method: \\chromfs\Burlington\ChromData\CHW.i\20220804-51951.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 05-Aug-2022 07:30:40 Calib Date: 09-Jul-2022 01:03:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20220708-51593.b\51593-013.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1674

First Level Reviewer: puangmaleek

Date: 05-Aug-2022 07:31:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.073				ND	
2 Dichlorodifluoromethane	85		4.164				ND	
3 Chlorodifluoromethane	51		4.206				ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.511				ND	
5 Chloromethane	50		4.624				ND	7
6 Vinyl chloride	62		4.923				ND	
7 Butane	43		4.929				ND	
8 Butadiene	54		5.036				ND	
9 Bromomethane	94		5.736				ND	
10 Chloroethane	64		6.004				ND	
13 Vinyl bromide	106		6.421				ND	
14 Trichlorofluoromethane	101		6.587				ND	
16 Ethanol	45		6.961				ND	7
20 1,1-Dichloroethene	96		7.641				ND	
21 1,1,2-Trichloro-1,2,2-trifluoro	101		7.684				ND	
22 Acetone	43		7.726				ND	7
23 Isopropyl alcohol	45		8.026				ND	
24 Carbon disulfide	76	8.042	8.037	-0.005	62	2957	0.0546	
26 3-Chloro-1-propene	41		8.336				ND	
27 Methylene Chloride	49		8.561				ND	7
28 2-Methyl-2-propanol	59		8.791				ND	
30 trans-1,2-Dichloroethene	61		9.064				ND	
31 Methyl tert-butyl ether	73		9.080				ND	
32 Hexane	57		9.567				ND	
33 1,1-Dichloroethane	63		9.818				ND	
34 Vinyl acetate	43		9.834				ND	7
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
36 2-Butanone (MEK)	72		10.781				ND	
37 cis-1,2-Dichloroethene	96		10.803				ND	
38 Ethyl acetate	88		10.877				ND	
* 39 Chlorobromomethane	128	11.209	11.215	-0.005	71	158637	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
40 Tetrahydrofuran	42		11.268				ND	
41 Chloroform	83		11.391				ND	
42 1,1,1-Trichloroethane	97		11.691				ND	
43 Cyclohexane	84		11.830				ND	
44 Carbon tetrachloride	117		11.974				ND	
45 Benzene	78		12.317				ND	
46 1,2-Dichloroethane	62		12.391				ND	
47 Isooctane	57		12.541				ND	
48 n-Heptane	43		12.846				ND	7
* 49 1,4-Difluorobenzene	114	13.055	13.055	0.000	95	811986	10.0	
51 Trichloroethene	95		13.483				ND	
53 1,2-Dichloropropane	63		13.932				ND	
54 Methyl methacrylate	69		14.034				ND	
55 1,4-Dioxane	88		14.087				ND	
57 Dibromomethane	174		14.093				ND	7
58 Dichlorobromomethane	83		14.403				ND	
59 cis-1,3-Dichloropropene	75		15.211				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.473				ND	
62 Toluene	92		15.847				ND	7
66 trans-1,3-Dichloropropene	75		16.265				ND	
67 1,1,2-Trichloroethane	83		16.639				ND	
68 Tetrachloroethene	166		16.837				ND	7
69 2-Hexanone	43		17.056				ND	7
70 Chlorodibromomethane	129		17.372				ND	
71 Ethylene Dibromide	107		17.607				ND	
* 73 Chlorobenzene-d5	117	18.522	18.522	0.000	91	660939	10.0	
74 Chlorobenzene	112		18.581				ND	
75 Ethylbenzene	91		18.774				ND	7
76 m-Xylene & p-Xylene	106		19.036				ND	
78 o-Xylene	106		19.811				ND	
79 Styrene	104		19.849				ND	
S 80 Xylenes, Total	106		20.100				ND	7
81 Bromoform	173		20.207				ND	
82 Isopropylbenzene	105		20.534				ND	
83 1,1,2,2-Tetrachloroethane	83		21.069				ND	7
85 N-Propylbenzene	91		21.277				ND	7
86 2-Chlorotoluene	91		21.422				ND	7
87 4-Ethyltoluene	105		21.481				ND	7
88 1,3,5-Trimethylbenzene	105		21.577				ND	7
91 tert-Butylbenzene	119		22.064				ND	
92 1,2,4-Trimethylbenzene	105		22.155				ND	7
93 sec-Butylbenzene	105		22.395				ND	7
94 1,3-Dichlorobenzene	146		22.567				ND	7
95 4-Isopropyltoluene	119		22.615				ND	7
96 1,4-Dichlorobenzene	146		22.711				ND	7
97 Benzyl chloride	91		22.861				ND	7
98 n-Butylbenzene	91		23.171				ND	7
99 1,2-Dichlorobenzene	146		23.192				ND	7
102 1,2,4-Trichlorobenzene	180		25.573				ND	
103 Hexachlorobutadiene	225		25.819				ND	
104 Naphthalene	128		26.033				ND	7

[QC Flag Legend](#)

Processing Flags

7 - Failed Limit of Detection

[Reagents:](#)

ATTO15WISs_00009

Amount Added: 20.00

Units: mL

Run Reagent

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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20220804-51951.b\51951-006.d

Injection Date: 04-Aug-2022 12:44:30

Instrument ID: CHW.i

Operator ID: vtp

Lims ID: 200-64389-A-8

Lab Sample ID: 200-64389-8

Worklist Smp#: 6

Client ID: 2513

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

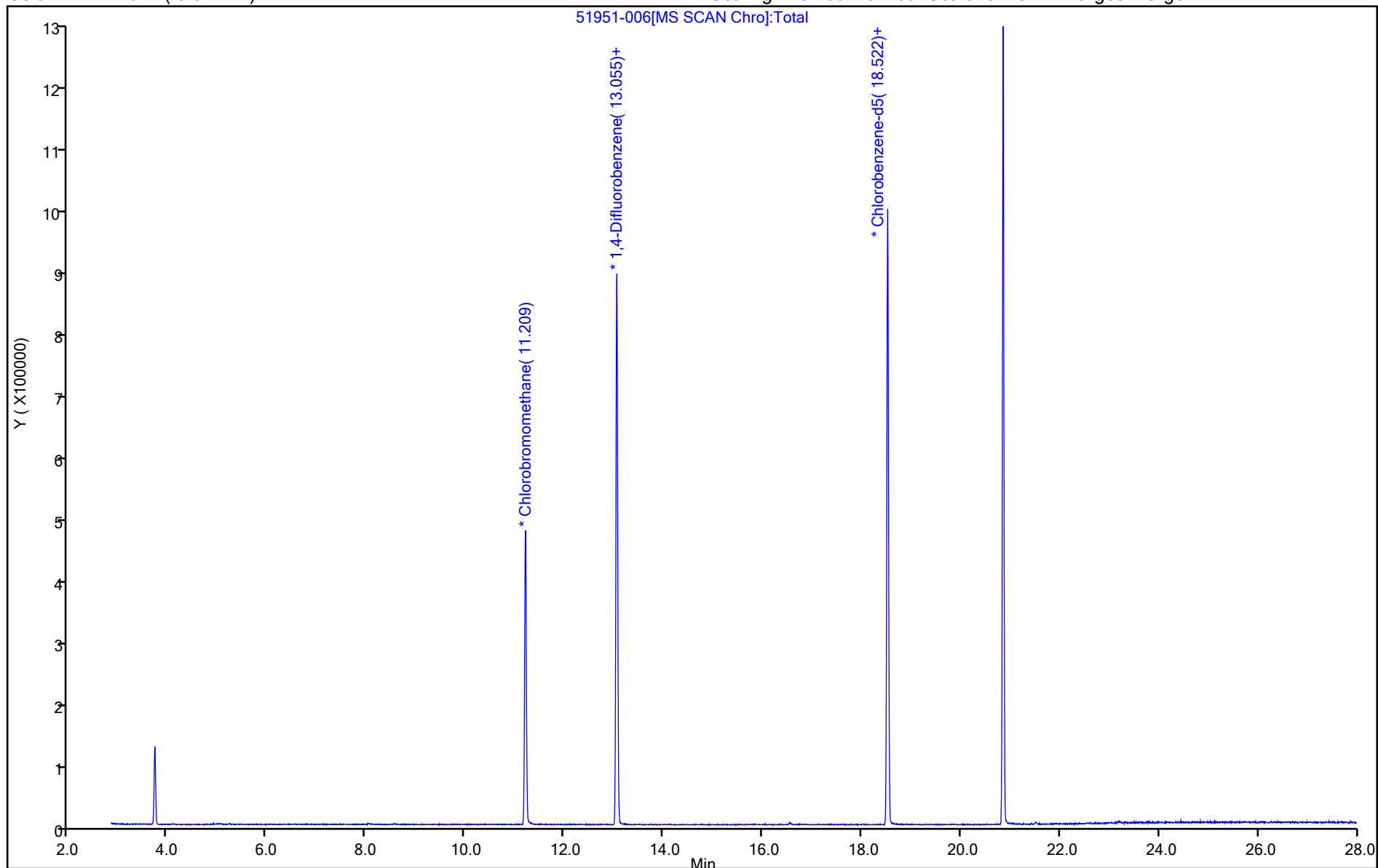
ALS Bottle#: 5

Method: TO15_TO3_MasterMethod_W

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-65668-1
 SDG No.: _____
 Client Sample ID: 4347 Lab Sample ID: 200-65668-10
 Matrix: Air Lab File ID: 53255-06.D
 Analysis Method: TO-15 Date Collected: 11/07/2022 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/09/2022 13:49
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 185606 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-65668-1
 SDG No.: _____
 Client Sample ID: 4347 Lab Sample ID: 200-65668-10
 Matrix: Air Lab File ID: 53255-06.D
 Analysis Method: TO-15 Date Collected: 11/07/2022 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/09/2022 13:49
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 185606 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-65668-1
 SDG No.: _____
 Client Sample ID: 4347 Lab Sample ID: 200-65668-10
 Matrix: Air Lab File ID: 53255-06.D
 Analysis Method: TO-15 Date Collected: 11/07/2022 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/09/2022 13:49
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 185606 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U **	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20221109-53255.b\53255-06.D
 Lims ID: 200-65668-A-10
 Client ID: 4347
 Sample Type: Client
 Inject. Date: 09-Nov-2022 13:49:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0053255-006
 Misc. Info.: 65668-10
 Operator ID: vtp Instrument ID: CHX.i
 Method: \\chromfs\Burlington\ChromData\CHX.i\20221109-53255.b\TO15_MasterMethod_X.m.m
 Limit Group: AI_TO15_ICAL
 Last Update: 10-Nov-2022 09:46:25 Calib Date: 05-Oct-2022 01:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20221004-52704.b\52704-13.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1609

First Level Reviewer: puangmaleek

Date: 10-Nov-2022 09:46:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.338				ND	7
3 Dichlorodifluoromethane	85		4.434				ND	
4 Chlorodifluoromethane	51		4.472				ND	7
5 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.787				ND	
6 Chloromethane	50		4.900				ND	7
7 Vinyl chloride	62		5.210				ND	
8 Butane	43		5.215				ND	7
9 Butadiene	54		5.322				ND	
10 Bromomethane	94		6.018				ND	
12 Chloroethane	64		6.285				ND	
14 Vinyl bromide	106		6.697				ND	
15 Trichlorofluoromethane	101		6.863				ND	
17 Ethanol	45	7.302	7.205	0.097	95	2759	0.1583	
20 1,1-Dichloroethene	96		7.901				ND	
21 1,1,2-Trichloro-1,2,2-trifluoro	101		7.938				ND	
22 Acetone	43		7.976				ND	7
23 Isopropyl alcohol	45		8.286				ND	7
24 Carbon disulfide	76		8.318				ND	7
27 3-Chloro-1-propene	41		8.580				ND	7
28 Methylene Chloride	49		8.805				ND	7
29 2-Methyl-2-propanol	59		9.078				ND	
32 trans-1,2-Dichloroethene	61		9.313				ND	
31 Methyl tert-butyl ether	73		9.340				ND	7
S 33 1,2-Dichloroethene, Total	61		9.665				ND	7
34 Hexane	57		9.816				ND	
36 1,1-Dichloroethane	63		10.057				ND	
35 Vinyl acetate	43		10.067				ND	
37 2-Butanone (MEK)	72		11.014				ND	
38 cis-1,2-Dichloroethene	96		11.036				ND	
39 Ethyl acetate	88		11.111				ND	
* 40 Chlorobromomethane	128	11.453	11.453	0.000	79	237217	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
41 Tetrahydrofuran	42		11.523				ND	
42 Chloroform	83		11.619				ND	
43 1,1,1-Trichloroethane	97		11.934				ND	
44 Cyclohexane	84		12.095				ND	
45 Carbon tetrachloride	117		12.223				ND	
46 Benzene	78		12.555				ND	7
47 1,2-Dichloroethane	62		12.625				ND	
48 Isooctane	57		12.780				ND	
49 n-Heptane	43		13.090				ND	7
* 50 1,4-Difluorobenzene	114	13.288	13.288	0.000	94	1221467	10.0	
52 Trichloroethene	95		13.721				ND	
55 1,2-Dichloropropane	63		14.171				ND	
56 Methyl methacrylate	69		14.251				ND	
58 Dibromomethane	174		14.326				ND	7
57 1,4-Dioxane	88		14.331				ND	
59 Dichlorobromomethane	83		14.631				ND	
60 cis-1,3-Dichloropropene	75		15.428				ND	
62 4-Methyl-2-pentanone (MIBK)	43		15.701				ND	
63 Toluene	92		16.075				ND	
67 trans-1,3-Dichloropropene	75		16.476				ND	
68 1,1,2-Trichloroethane	83		16.851				ND	
69 Tetrachloroethene	166		17.070				ND	
70 2-Hexanone	43		17.359				ND	
71 Chlorodibromomethane	129		17.594				ND	
72 Ethylene Dibromide	107		17.841				ND	
* 73 Chlorobenzene-d5	117	18.745	18.745	0.000	87	1041179	10.0	
74 Chlorobenzene	112		18.803				ND	7
75 Ethylbenzene	91		18.996				ND	7
76 m-Xylene & p-Xylene	106		19.258				ND	
S 78 Xylenes, Total	106		19.600				ND	7
79 o-Xylene	106		20.029				ND	
80 Styrene	104		20.066				ND	
81 Bromoform	173		20.419				ND	
82 Isopropylbenzene	105		20.729				ND	
83 1,1,2,2-Tetrachloroethane	83		21.232				ND	7
85 N-Propylbenzene	91		21.452				ND	7
86 2-Chlorotoluene	91		21.596				ND	7
87 4-Ethyltoluene	105		21.650				ND	7
88 1,3,5-Trimethylbenzene	105		21.740				ND	7
91 tert-Butylbenzene	119		22.227				ND	7
92 1,2,4-Trimethylbenzene	105		22.313				ND	7
93 sec-Butylbenzene	105		22.554				ND	7
94 1,3-Dichlorobenzene	146		22.725				ND	7
95 4-Isopropyltoluene	119		22.768				ND	7
96 1,4-Dichlorobenzene	146	22.874	22.869	0.005	87	1269	0.009664	
97 Benzyl chloride	91		23.008				ND	MU
98 n-Butylbenzene	91		23.324				ND	7
99 1,2-Dichlorobenzene	146		23.351				ND	7
102 1,2,4-Trichlorobenzene	180		25.774				ND	7
103 Hexachlorobutadiene	225		26.015				ND	
104 Naphthalene	128		26.245				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

ATTO15XISs_00003

Amount Added: 20.00

Units: mL

Run Reagent

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20221109-53255.b\53255-06.D

Injection Date: 09-Nov-2022 13:49:30

Instrument ID: CHX.i

Operator ID: vtp

Lims ID: 200-65668-A-10

Lab Sample ID: 200-65668-10

Worklist Smp#: 6

Client ID: 4347

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

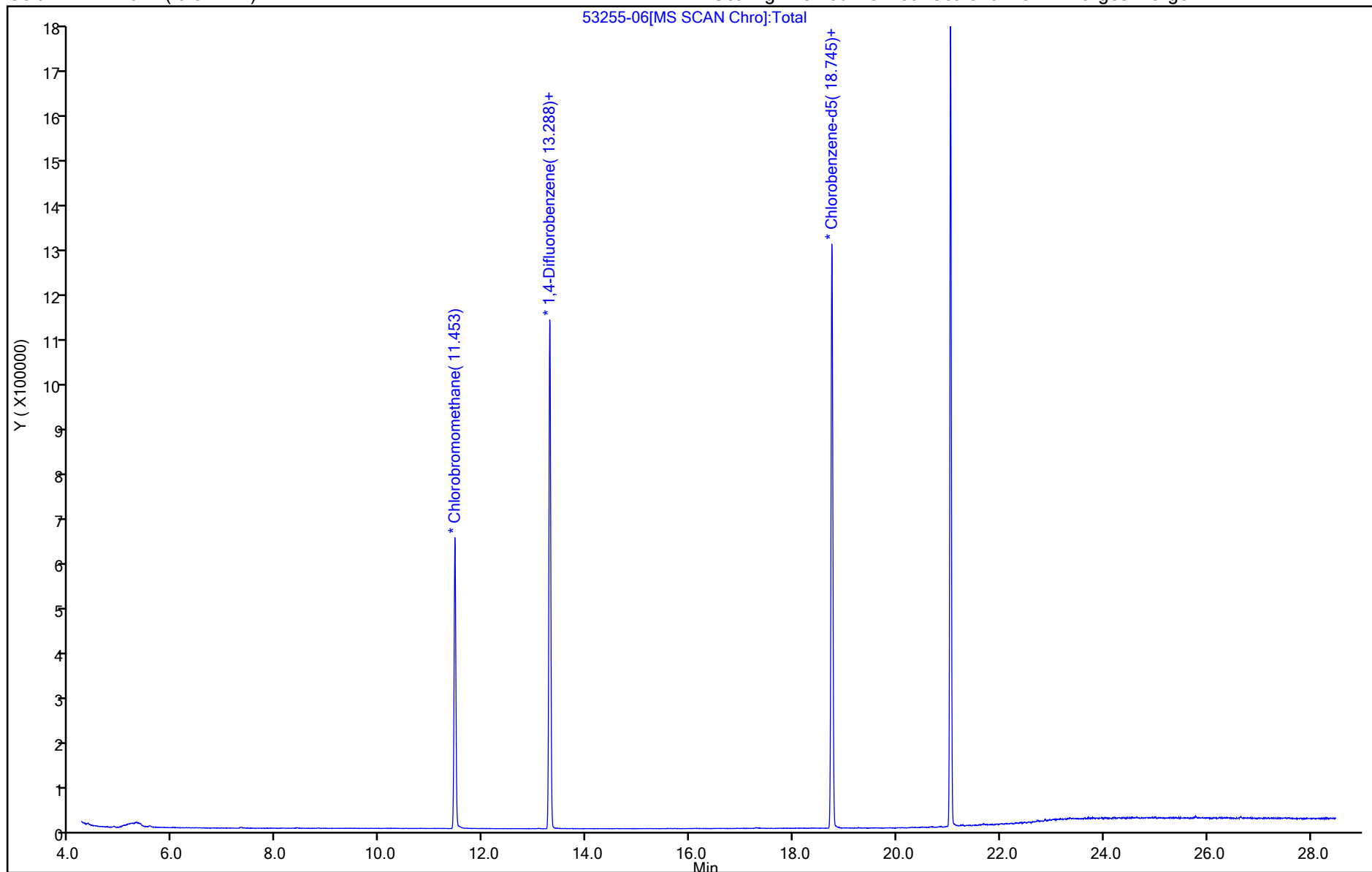
ALS Bottle#: 5

Method: TO15_MasterMethod_X.m

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

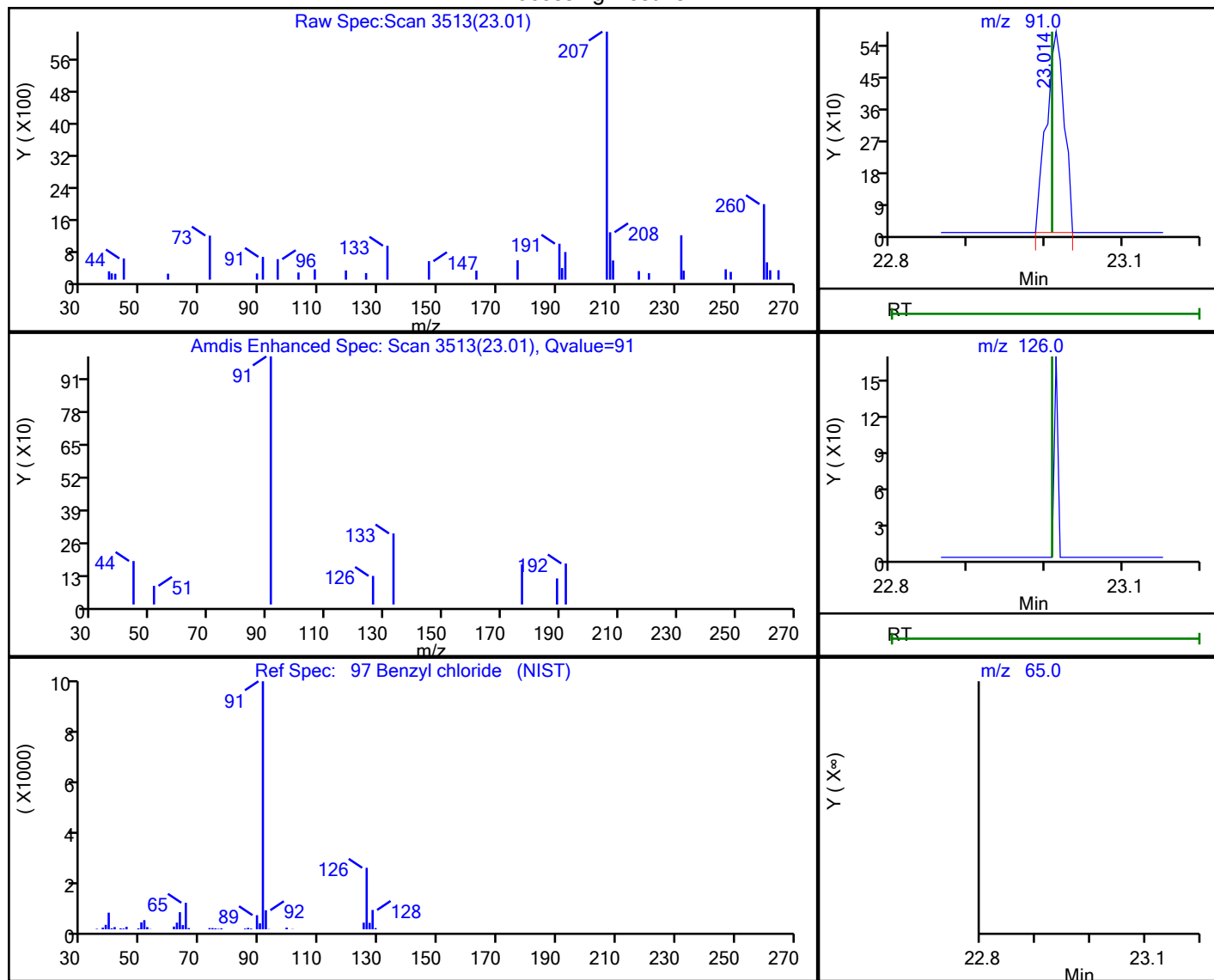


Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20221109-53255.b\53255-06.D
Injection Date: 09-Nov-2022 13:49:30 Instrument ID: CHX.i
Lims ID: 200-65668-A-10 Lab Sample ID: 200-65668-10
Client ID: 4347
Operator ID: vtp ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15_MasterMethod_X.m Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

97 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
23.01	91.00	917	0.010306
23.01	126.00	0	
23.01	65.00	0	

Reviewer: puangmaleek, 10-Nov-2022 09:46:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-65854-1
 SDG No.: _____
 Client Sample ID: 9282 Lab Sample ID: 200-65854-7
 Matrix: Air Lab File ID: 200-53420-010.D
 Analysis Method: TO-15 Date Collected: 11/20/2022 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/22/2022 16:12
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 186021 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-65854-1
 SDG No.: _____
 Client Sample ID: 9282 Lab Sample ID: 200-65854-7
 Matrix: Air Lab File ID: 200-53420-010.D
 Analysis Method: TO-15 Date Collected: 11/20/2022 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/22/2022 16:12
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 186021 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-65854-1
 SDG No.: _____
 Client Sample ID: 9282 Lab Sample ID: 200-65854-7
 Matrix: Air Lab File ID: 200-53420-010.D
 Analysis Method: TO-15 Date Collected: 11/20/2022 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/22/2022 16:12
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 186021 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221122-53420.b\200-53420-010.D
 Lims ID: 200-65854-A-7
 Client ID: 9282
 Sample Type: Client
 Inject. Date: 22-Nov-2022 16:12:30 ALS Bottle#: 10 Worklist Smp#: 10
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0053420-010
 Misc. Info.: 65854-7
 Operator ID: vtp Instrument ID: CHG.i
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221122-53420.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 23-Nov-2022 10:32:14 Calib Date: 22-Nov-2022 00:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1646

First Level Reviewer: puangmaleek

Date:

23-Nov-2022 10:32:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		3.115				ND	
2 Dichlorodifluoromethane	85		3.174				ND	
3 Chlorodifluoromethane	51		3.195				ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.399				ND	
5 Chloromethane	50		3.479				ND	
6 Vinyl chloride	62		3.682				ND	
7 Butane	43		3.688				ND	
8 Butadiene	54		3.763				ND	
9 Bromomethane	94		4.265				ND	
10 Chloroethane	64		4.463				ND	
12 Vinyl bromide	106		4.784				ND	
13 Trichlorofluoromethane	101		4.913				ND	
15 Ethanol	45		5.223				ND	
18 1,1-Dichloroethene	96		5.817				ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoro	101		5.844				ND	
19 Acetone	43		5.892				ND	
22 Isopropyl alcohol	45		6.154				ND	
23 Carbon disulfide	76		6.197				ND	
25 3-Chloro-1-propene	41		6.453				ND	
26 Methylene Chloride	49		6.673				ND	7
27 2-Methyl-2-propanol	59		6.887				ND	
29 trans-1,2-Dichloroethene	61		7.160				ND	
30 Methyl tert-butyl ether	73		7.176				ND	
31 Hexane	57		7.662				ND	
32 1,1-Dichloroethane	63		7.909				ND	
33 Vinyl acetate	43		7.925				ND	
34 2-Butanone (MEK)	72		8.888				ND	
35 cis-1,2-Dichloroethene	96		8.898				ND	
36 Ethyl acetate	88		8.973				ND	
* 37 Chlorobromomethane	128	9.321	9.315	0.006	71	200647	10.0	
38 Tetrahydrofuran	42		9.385				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
39 Chloroform	83		9.503				ND	
S 43 1,2-Dichloroethene, Total	61		9.665				ND	7
40 1,1,1-Trichloroethane	97		9.824				ND	
41 Cyclohexane	84		9.968				ND	
42 Carbon tetrachloride	117		10.118				ND	
44 Benzene	78		10.492				ND	MU
45 1,2-Dichloroethane	62		10.578				ND	
46 Isooctane	57		10.739				ND	
47 n-Heptane	43		11.081				ND	7
* 48 1,4-Difluorobenzene	114	11.316	11.311	0.005	93	946569	10.0	
50 Trichloroethene	95		11.792				ND	
51 1,2-Dichloropropane	63		12.306				ND	
54 Methyl methacrylate	69		12.429				ND	
53 Dibromomethane	174		12.472				ND	7
55 1,4-Dioxane	88		12.477				ND	
56 Dichlorobromomethane	83		12.825				ND	
58 cis-1,3-Dichloropropene	75		13.718				ND	
59 4-Methyl-2-pentanone (MIBK)	43		14.029				ND	
60 Toluene	92		14.408				ND	7
65 trans-1,3-Dichloropropene	75		14.868				ND	
66 1,1,2-Trichloroethane	83		15.270				ND	
67 Tetrachloroethene	166		15.473				ND	
68 2-Hexanone	43		15.746				ND	
69 Chlorodibromomethane	129		16.045				ND	
70 Ethylene Dibromide	107		16.302				ND	
* 71 Chlorobenzene-d5	117	17.276	17.271	0.006	85	684937	10.0	
72 Chlorobenzene	112		17.335				ND	
73 Ethylbenzene	91		17.549				ND	MU
74 m-Xylene & p-Xylene	106		17.822				ND	
76 o-Xylene	106	18.640	18.640	0.000	1	1034	0.0368	M
77 Styrene	104		18.677				ND	
78 Bromoform	173		19.041				ND	
79 Isopropylbenzene	105		19.400				ND	
S 82 Xylenes, Total	106				0		0.0368	
80 1,1,2,2-Tetrachloroethane	83		19.951				ND	
83 N-Propylbenzene	91		20.159				ND	
84 2-Chlorotoluene	91		20.309				ND	
85 4-Ethyltoluene	105		20.368				ND	7
86 1,3,5-Trimethylbenzene	105		20.470				ND	7
89 tert-Butylbenzene	119		20.972				ND	7
90 1,2,4-Trimethylbenzene	105		21.063				ND	7
91 sec-Butylbenzene	105		21.310				ND	7
92 1,3-Dichlorobenzene	146		21.481				ND	7
93 4-Isopropyltoluene	119		21.529				ND	7
94 1,4-Dichlorobenzene	146		21.625				ND	7
95 Benzyl chloride	91		21.780				ND	
97 n-Butylbenzene	91		22.101				ND	7
96 1,2-Dichlorobenzene	146		22.123				ND	7
100 1,2,4-Trichlorobenzene	180		24.584				ND	7
101 Hexachlorobutadiene	225		24.840				ND	
102 Naphthalene	128		25.065				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15GIS_00019

Amount Added: 20.00

Units: mL

Run Reagent

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

Report Date: 23-Nov-2022 10:32:15

Chrom Revision: 2.3 21-Nov-2022 18:34:02

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221122-53420.b\200-53420-010.D

Injection Date: 22-Nov-2022 16:12:30

Instrument ID: CHG.i

Operator ID: vtp

Lims ID: 200-65854-A-7

Lab Sample ID: 200-65854-7

Worklist Smp#: 10

Client ID: 9282

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

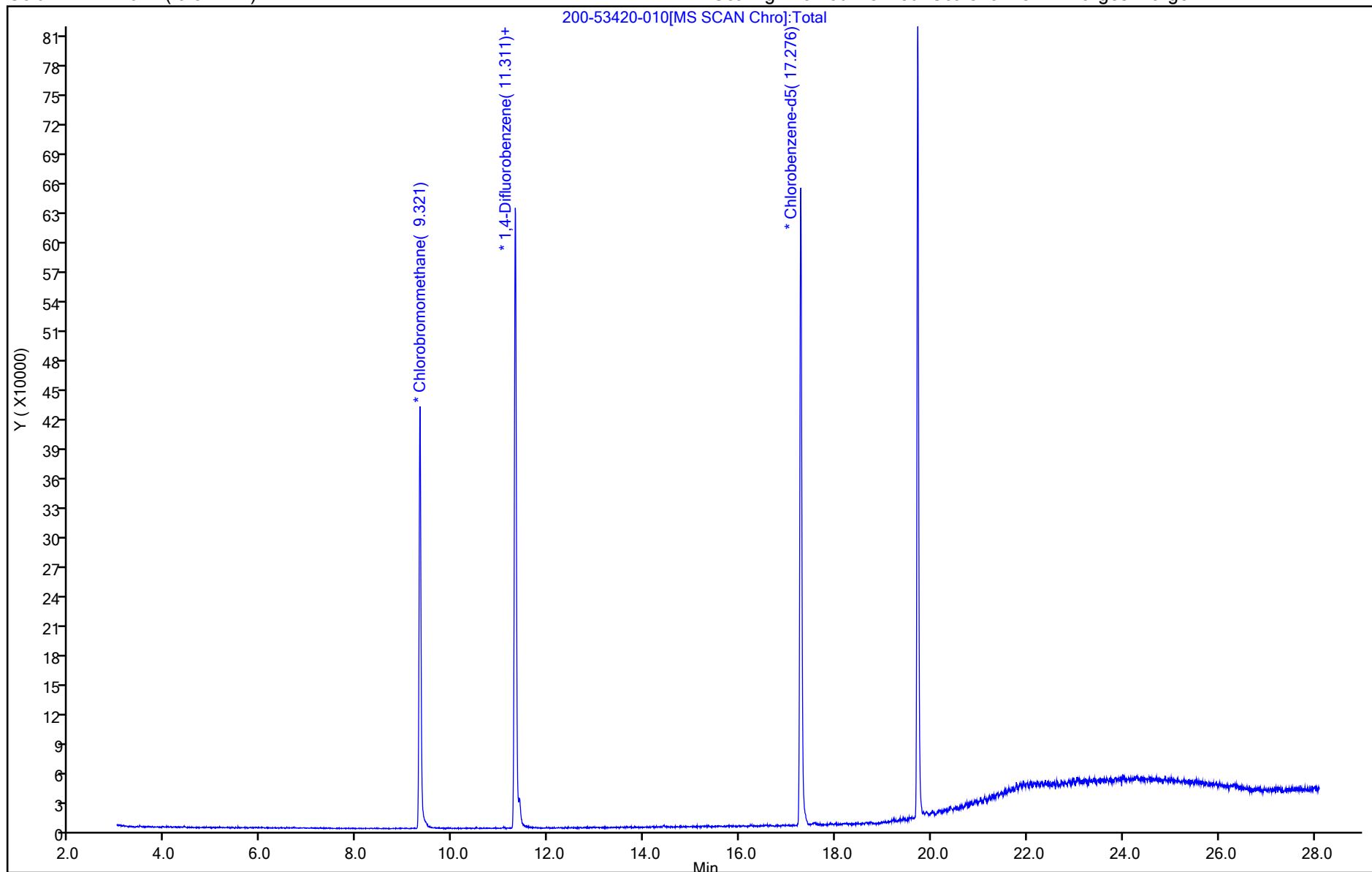
ALS Bottle#: 10

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

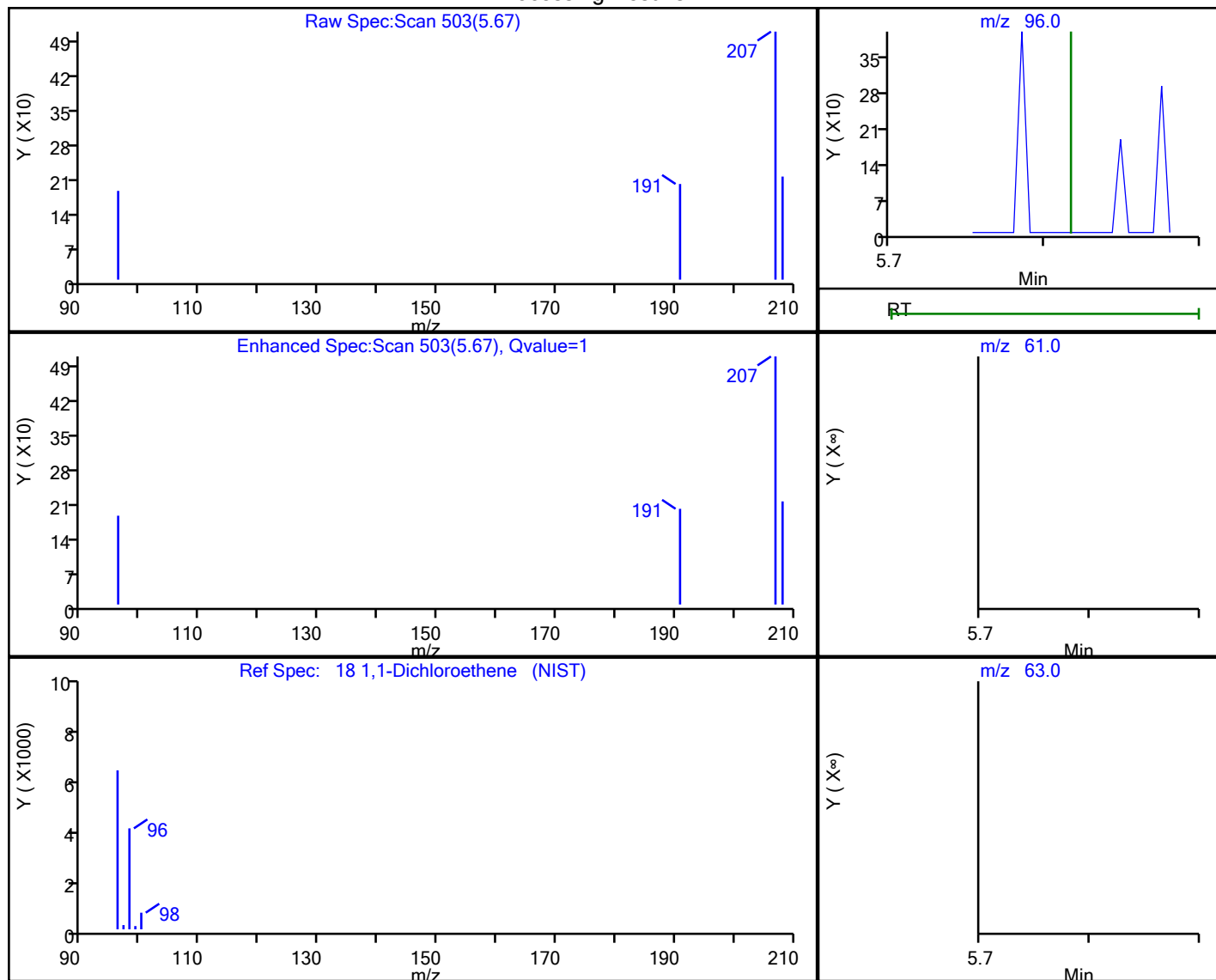


Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221122-53420.b\200-53420-010.D
Injection Date: 22-Nov-2022 16:12:30 Instrument ID: CHG.i
Lims ID: 200-65854-A-7 Lab Sample ID: 200-65854-7
Client ID: 9282
Operator ID: vtp ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

18 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
5.67	96.00	109	0.005889
5.82	61.00	0	
5.82	63.00	0	

Reviewer: puangmaleek, 23-Nov-2022 10:30:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221122-53420.b\200-53420-010.D

Injection Date: 22-Nov-2022 16:12:30

Instrument ID: CHG.i

Lims ID: 200-65854-A-7

Lab Sample ID: 200-65854-7

Client ID: 9282

Operator ID: vtp

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

Method: TO15_MasterMethod_(v1)_G

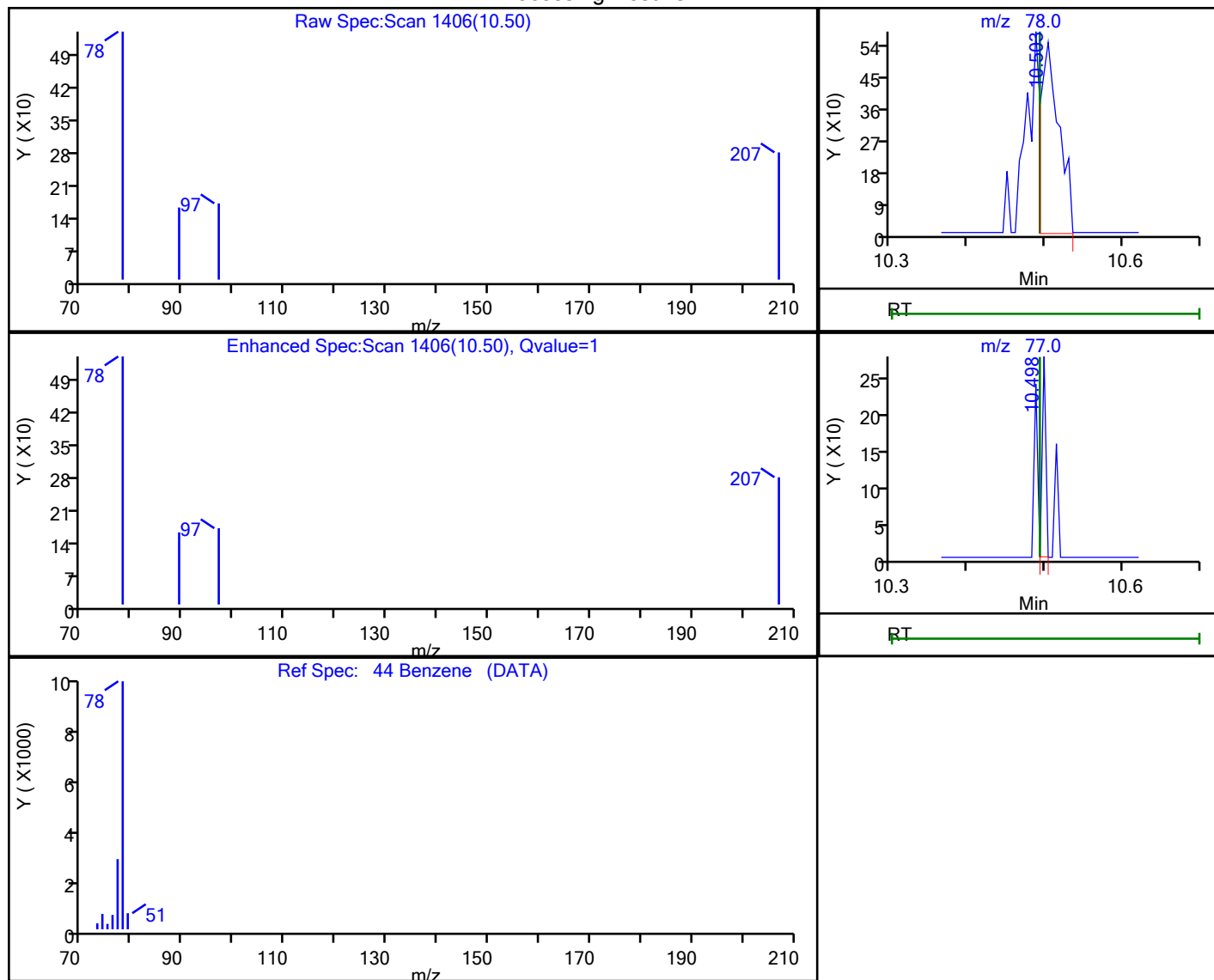
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
10.50	78.00	889	0.017255
10.50	77.00	89	

Reviewer: puangmaleek, 23-Nov-2022 10:30:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221122-53420.b\200-53420-010.D

Injection Date: 22-Nov-2022 16:12:30

Instrument ID: CHG.i

Lims ID: 200-65854-A-7

Lab Sample ID: 200-65854-7

Client ID: 9282

Operator ID: vtp

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

Method: TO15_MasterMethod_(v1)_G

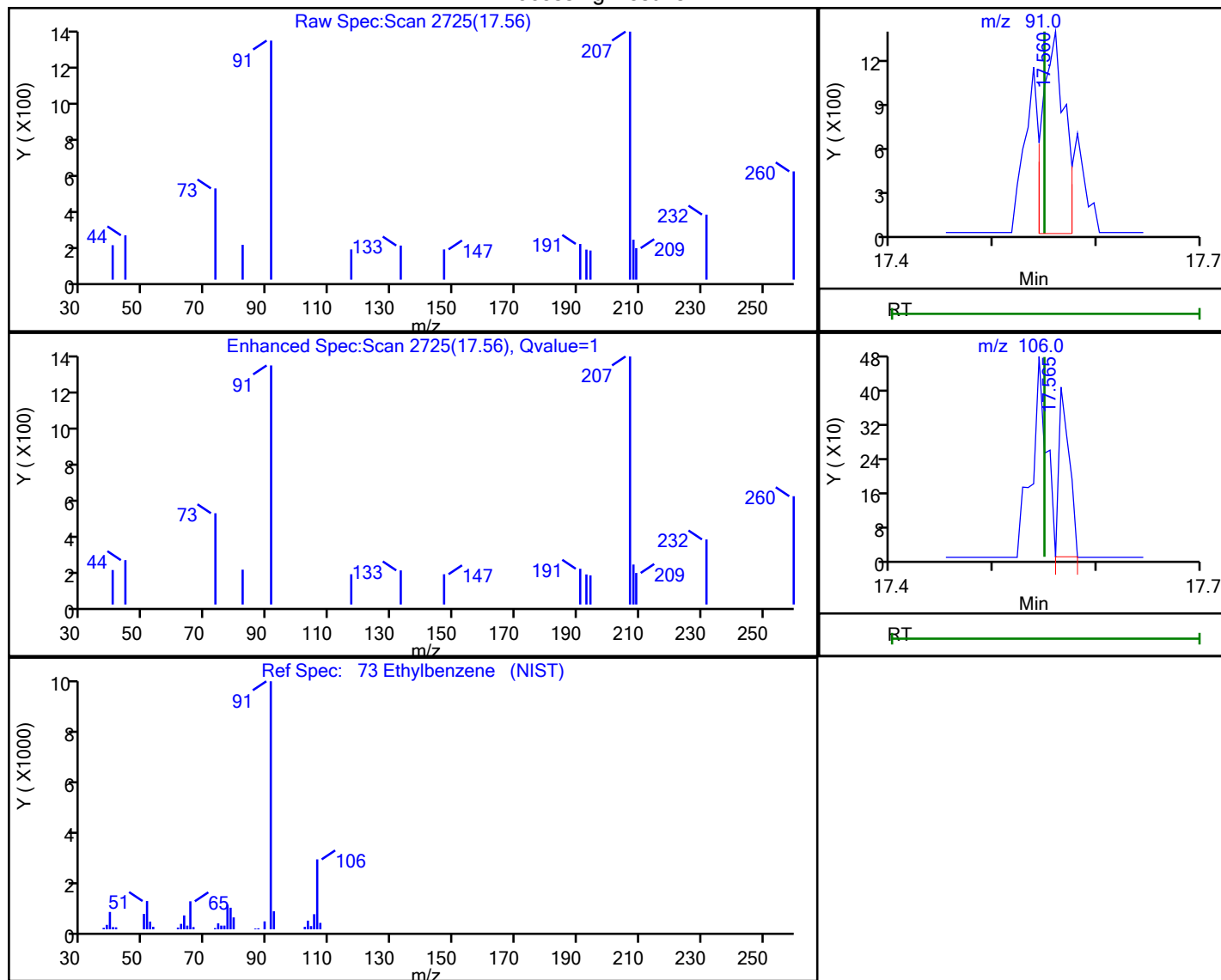
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

73 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
17.56	91.00	1917	0.028142
17.56	106.00	283	

Reviewer: puangmaleek, 23-Nov-2022 10:30:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

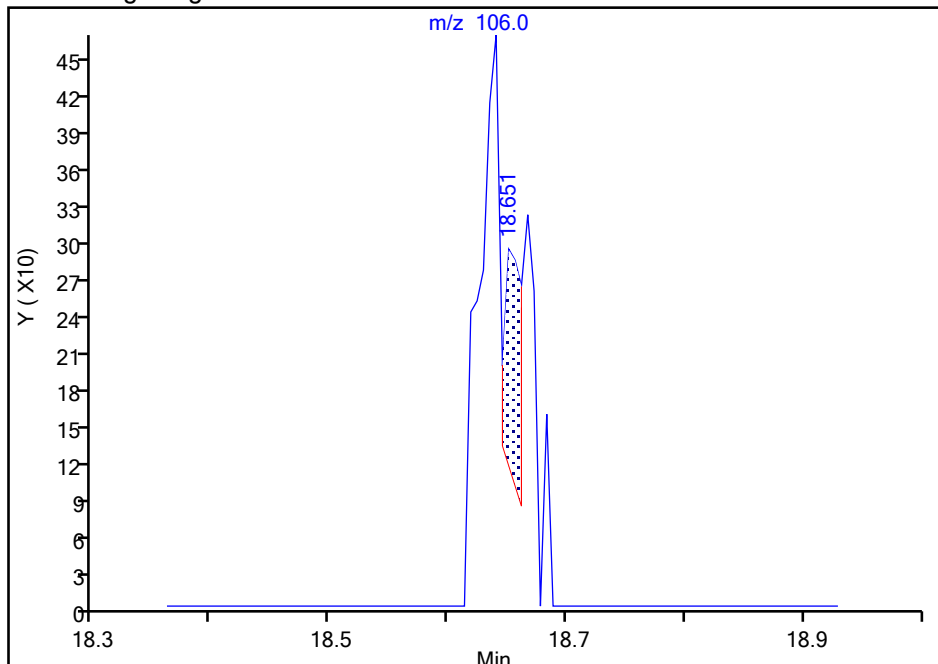
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20221122-53420.b\200-53420-010.D		
Injection Date:	22-Nov-2022 16:12:30	Instrument ID:	CHG.i
Lims ID:	200-65854-A-7	Lab Sample ID:	200-65854-7
Client ID:	9282		
Operator ID:	vtp	ALS Bottle#:	10
Purge Vol:	200.000 mL	Dil. Factor:	0.2000
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	10

76 o-Xylene, CAS: 95-47-6

Signal: 1

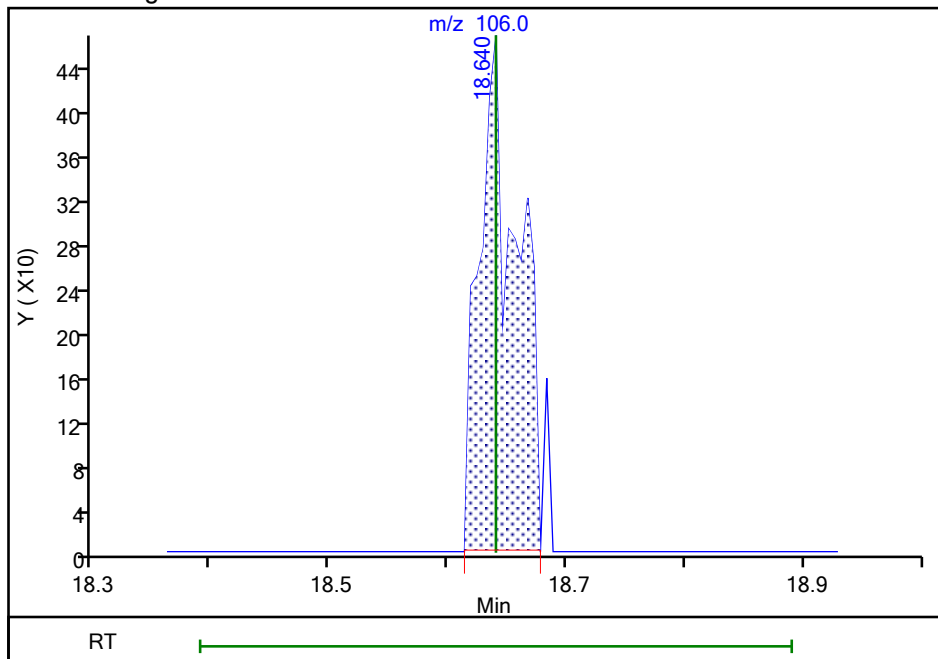
RT: 18.65
Area: 194
Amount: 0.006913
Amount Units: ppb v/v

Processing Integration Results



RT: 18.64
Area: 1034
Amount: 0.036843
Amount Units: ppb v/v

Manual Integration Results



Reviewer: puangmaleek, 23-Nov-2022 10:31:14

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Summa Canister Dilution Worksheet

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job No.: 480-205079-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initials
480-205079-3	6	-15.2	0.49	2.95	-5.5	0.63	3.76		1.27	1.27	G31	12/30/22 14:36	CRC

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg

Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig) * Vol L) / 14.7 psig

Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg)

14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

APPENDIX C
DATA USABILITY SUMMARY REPORT



Geology

Hydrology

Remediation

Water Supply

January 17, 2023

Mr. John L. Favreau, CHMM
Senior Scientist V
CHA
III Winners Circle
P.O. Box 5269
Albany, New York 12205

Re: Data Validation Report
Former Albany Labs Site
140 and 144 State Street
Air Samples

Dear Mr. Favreau:

The data usability summary reports (DUSRs) and data validation summaries are attached to this letter former Albany Labs 140 and 144 State Street sites, December 2022 soil vapor/air sampling events. The data for Eurofins Environment Testing job numbers 4801-205079-1 and 480-205080-1 are acceptable with some minor issues that are identified and discussed in the validation summaries. There are no data qualified as rejected, unusable (R) in the data packs.

A list of common data validation acronyms is attached to this letter to assist you in interpreting the validation summaries. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist CHA.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA/bms
Via email

z:\projects\2012\12600 - 12620\12612-albany labs\temp review\albany labs-2023.ltr.doc



**Data Usability Summary Report for Eurofins
Environment Testing-Burlington, Job No: 480-205079-1**

**6 Soil Vapor/Air Samples
Collected December 21, 2022**

Prepared by: Donald Anné
January 17, 2023

Geology

Hydrology

Remediation

Water Supply

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of TO-15 volatile analyses for 6 soil vapor/air samples.

The overall performances of the analyses are acceptable. Eurofins Environment Testing-Burlington did fulfill the requirements of the analytical method.

The data are acceptable with some issues that are identified in the accompanying data validation reviews. There were no data were qualified as either rejected (R) or estimated; therefore, all data are considered usable. Detailed information on data quality is included in the data validation review.

Qualified Data Section

(No Data Qualified)

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-1-122122

Lab Sample ID: 480-205079-1

Date Collected: 12/21/22 16:05

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5		ug/m3			12/30/22 21:45	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/30/22 21:45	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/30/22 21:45	1
Chloromethane	1.2		1.0		ug/m3			12/30/22 21:45	1
n-Butane	51		1.2		ug/m3			12/30/22 21:45	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/30/22 21:45	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/30/22 21:45	1
Bromomethane	0.78	U	0.78		ug/m3			12/30/22 21:45	1
Chloroethane	1.3	U	1.3		ug/m3			12/30/22 21:45	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/30/22 21:45	1
Trichlorofluoromethane	1.2		1.1		ug/m3			12/30/22 21:45	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/30/22 21:45	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/30/22 21:45	1
Acetone	13		12		ug/m3			12/30/22 21:45	1
Isopropyl alcohol	12	U	12		ug/m3			12/30/22 21:45	1
Carbon disulfide	2.5		1.6		ug/m3			12/30/22 21:45	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/30/22 21:45	1
Methylene Chloride	6.2		1.7		ug/m3			12/30/22 21:45	1
tert-Butyl alcohol	15	U	15		ug/m3			12/30/22 21:45	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/30/22 21:45	1
trans-1,2-Dichloroethene	0.79	U	0.79		ug/m3			12/30/22 21:45	1
n-Hexane	2.4		1.8		ug/m3			12/30/22 21:45	1
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/30/22 21:45	1
Methyl Ethyl Ketone (2-Butanone)	2.8		1.5		ug/m3			12/30/22 21:45	1
cis-1,2-Dichloroethene	0.20	U	0.20		ug/m3			12/30/22 21:45	1
Chloroform	6.9		0.98		ug/m3			12/30/22 21:45	1
Tetrahydrofuran	15	U	15		ug/m3			12/30/22 21:45	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/30/22 21:45	1
Cyclohexane	0.69	U	0.69		ug/m3			12/30/22 21:45	1
Carbon tetrachloride	0.31		0.22		ug/m3			12/30/22 21:45	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/30/22 21:45	1
Benzene	0.70		0.64		ug/m3			12/30/22 21:45	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/30/22 21:45	1
n-Heptane	0.82	U	0.82		ug/m3			12/30/22 21:45	1
Trichloroethene	0.20	U	0.20		ug/m3			12/30/22 21:45	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/30/22 21:45	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/30/22 21:45	1
1,4-Dioxane	18	U	18		ug/m3			12/30/22 21:45	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/30/22 21:45	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/30/22 21:45	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0		ug/m3			12/30/22 21:45	1
Toluene	1.0		0.75		ug/m3			12/30/22 21:45	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/30/22 21:45	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/30/22 21:45	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/30/22 21:45	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/30/22 21:45	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/30/22 21:45	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/30/22 21:45	1

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-1-122122

Lab Sample ID: 480-205079-1

Date Collected: 12/21/22 16:05

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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		ug/m3			12/30/22 21:45	1
Ethylbenzene	0.87	U	0.87		ug/m3			12/30/22 21:45	1
m,p-Xylene	2.2	U	2.2		ug/m3			12/30/22 21:45	1
o-Xylene	0.87	U	0.87		ug/m3			12/30/22 21:45	1
Styrene	0.85	U	0.85		ug/m3			12/30/22 21:45	1
Bromoform	2.1	U	2.1		ug/m3			12/30/22 21:45	1
Cumene	0.98	U	0.98		ug/m3			12/30/22 21:45	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/30/22 21:45	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/30/22 21:45	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/30/22 21:45	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/30/22 21:45	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/30/22 21:45	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 21:45	1
1,2,4-Trimethylbenzene	0.98	U	0.98		ug/m3			12/30/22 21:45	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 21:45	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/30/22 21:45	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 21:45	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 21:45	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/30/22 21:45	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 21:45	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 21:45	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/30/22 21:45	1
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/30/22 21:45	1
Naphthalene	2.6	U	2.6		ug/m3			12/30/22 21:45	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50		ppb v/v			12/30/22 21:45	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/30/22 21:45	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Chloromethane	0.57		0.50		ppb v/v			12/30/22 21:45	1
n-Butane	21		0.50		ppb v/v			12/30/22 21:45	1
Vinyl chloride	0.078	U	0.078		ppb v/v			12/30/22 21:45	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Bromomethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Chloroethane	0.50	U	0.50		ppb v/v			12/30/22 21:45	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Trichlorofluoromethane	0.21		0.20		ppb v/v			12/30/22 21:45	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/30/22 21:45	1
Acetone	5.3		5.0		ppb v/v			12/30/22 21:45	1
Isopropyl alcohol	5.0	U	5.0		ppb v/v			12/30/22 21:45	1
Carbon disulfide	0.79		0.50		ppb v/v			12/30/22 21:45	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/30/22 21:45	1
Methylene Chloride	1.8		0.50		ppb v/v			12/30/22 21:45	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/30/22 21:45	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
trans-1,2-Dichloroethene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
n-Hexane	0.67		0.50		ppb v/v			12/30/22 21:45	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-1-122122

Lab Sample ID: 480-205079-1

Date Collected: 12/21/22 16:05

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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)	0.94		0.50		ppb v/v			12/30/22 21:45	1
cis-1,2-Dichloroethene	0.050	U	0.050		ppb v/v			12/30/22 21:45	1
Chloroform	1.4		0.20		ppb v/v			12/30/22 21:45	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/30/22 21:45	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Cyclohexane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Carbon tetrachloride	0.049		0.035		ppb v/v			12/30/22 21:45	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Benzene	0.22		0.20		ppb v/v			12/30/22 21:45	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
n-Heptane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Trichloroethene	0.037	U	0.037		ppb v/v			12/30/22 21:45	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/30/22 21:45	1
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/30/22 21:45	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/30/22 21:45	1
Toluene	0.27		0.20		ppb v/v			12/30/22 21:45	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/30/22 21:45	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Ethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
m,p-Xylene	0.50	U	0.50		ppb v/v			12/30/22 21:45	1
o-Xylene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Styrene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Bromoform	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Cumene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,2,4-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
sec-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/30/22 21:45	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/30/22 21:45	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-1-122122

Lab Sample ID: 480-205079-1

Date Collected: 12/21/22 16:05

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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		ppb v/v			12/30/22 21:45	1

Client Sample ID: 144-SSV-1-122122

Lab Sample ID: 480-205079-2

Date Collected: 12/21/22 16:00

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	4.8		2.5		ug/m3			12/30/22 22:39	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/30/22 22:39	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/30/22 22:39	1
Chloromethane	1.2		1.0		ug/m3			12/30/22 22:39	1
n-Butane	49		1.2		ug/m3			12/30/22 22:39	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/30/22 22:39	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/30/22 22:39	1
Bromomethane	0.78	U	0.78		ug/m3			12/30/22 22:39	1
Chloroethane	1.3	U	1.3		ug/m3			12/30/22 22:39	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/30/22 22:39	1
Trichlorofluoromethane	1.4		1.1		ug/m3			12/30/22 22:39	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/30/22 22:39	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/30/22 22:39	1
Acetone	13		12		ug/m3			12/30/22 22:39	1
Isopropyl alcohol	12	U	12		ug/m3			12/30/22 22:39	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/30/22 22:39	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/30/22 22:39	1
Methylene Chloride	1.7	U	1.7		ug/m3			12/30/22 22:39	1
tert-Butyl alcohol	15	U	15		ug/m3			12/30/22 22:39	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/30/22 22:39	1
trans-1,2-Dichloroethene	0.79	U	0.79		ug/m3			12/30/22 22:39	1
n-Hexane	1.8	U	1.8		ug/m3			12/30/22 22:39	1
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/30/22 22:39	1
Methyl Ethyl Ketone (2-Butanone)	3.2		1.5		ug/m3			12/30/22 22:39	1
cis-1,2-Dichloroethene	0.20	U	0.20		ug/m3			12/30/22 22:39	1
Chloroform	5.5		0.98		ug/m3			12/30/22 22:39	1
Tetrahydrofuran	15	U	15		ug/m3			12/30/22 22:39	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/30/22 22:39	1
Cyclohexane	1.8		0.69		ug/m3			12/30/22 22:39	1
Carbon tetrachloride	0.32		0.22		ug/m3			12/30/22 22:39	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/30/22 22:39	1
Benzene	0.71		0.64		ug/m3			12/30/22 22:39	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/30/22 22:39	1
n-Heptane	1.1		0.82		ug/m3			12/30/22 22:39	1
Trichloroethene	0.20	U	0.20		ug/m3			12/30/22 22:39	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/30/22 22:39	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/30/22 22:39	1
1,4-Dioxane	18	U	18		ug/m3			12/30/22 22:39	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/30/22 22:39	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/30/22 22:39	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-SSV-1-122122

Lab Sample ID: 480-205079-2

Date Collected: 12/21/22 16:00

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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		ug/m3			12/30/22 22:39	1
Toluene	2.2		0.75		ug/m3			12/30/22 22:39	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/30/22 22:39	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/30/22 22:39	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/30/22 22:39	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/30/22 22:39	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/30/22 22:39	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/30/22 22:39	1
Chlorobenzene	0.92	U	0.92		ug/m3			12/30/22 22:39	1
Ethylbenzene	0.87	U	0.87		ug/m3			12/30/22 22:39	1
m,p-Xylene	2.2	U	2.2		ug/m3			12/30/22 22:39	1
o-Xylene	0.97		0.87		ug/m3			12/30/22 22:39	1
Styrene	0.85	U	0.85		ug/m3			12/30/22 22:39	1
Bromoform	2.1	U	2.1		ug/m3			12/30/22 22:39	1
Cumene	2.2		0.98		ug/m3			12/30/22 22:39	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/30/22 22:39	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/30/22 22:39	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/30/22 22:39	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/30/22 22:39	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/30/22 22:39	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 22:39	1
1,2,4-Trimethylbenzene	0.98	U	0.98		ug/m3			12/30/22 22:39	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 22:39	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/30/22 22:39	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 22:39	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 22:39	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/30/22 22:39	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 22:39	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 22:39	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/30/22 22:39	1
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/30/22 22:39	1
Naphthalene	2.6	U	2.6		ug/m3			12/30/22 22:39	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.96		0.50		ppb v/v			12/30/22 22:39	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Chloromethane	0.59		0.50		ppb v/v			12/30/22 22:39	1
n-Butane	21		0.50		ppb v/v			12/30/22 22:39	1
Vinyl chloride	0.078	U	0.078		ppb v/v			12/30/22 22:39	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Bromomethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Chloroethane	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Trichlorofluoromethane	0.26		0.20		ppb v/v			12/30/22 22:39	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/30/22 22:39	1
Acetone	5.5		5.0		ppb v/v			12/30/22 22:39	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-SSV-1-122122

Lab Sample ID: 480-205079-2

Date Collected: 12/21/22 16:00

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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		ppb v/v			12/30/22 22:39	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
Methylene Chloride	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/30/22 22:39	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
trans-1,2-Dichloroethene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
n-Hexane	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Methyl Ethyl Ketone (2-Butanone)	1.1		0.50		ppb v/v			12/30/22 22:39	1
cis-1,2-Dichloroethene	0.050	U	0.050		ppb v/v			12/30/22 22:39	1
Chloroform	1.1		0.20		ppb v/v			12/30/22 22:39	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/30/22 22:39	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Cyclohexane	0.51		0.20		ppb v/v			12/30/22 22:39	1
Carbon tetrachloride	0.050		0.035		ppb v/v			12/30/22 22:39	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Benzene	0.22		0.20		ppb v/v			12/30/22 22:39	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
n-Heptane	0.27		0.20		ppb v/v			12/30/22 22:39	1
Trichloroethene	0.037	U	0.037		ppb v/v			12/30/22 22:39	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/30/22 22:39	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
Toluene	0.59		0.20		ppb v/v			12/30/22 22:39	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Ethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
m,p-Xylene	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
o-Xylene	0.22		0.20		ppb v/v			12/30/22 22:39	1
Styrene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Bromoform	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Cumene	0.46		0.20		ppb v/v			12/30/22 22:39	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
1,2,4-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-SSV-1-122122

Lab Sample ID: 480-205079-2

Date Collected: 12/21/22 16:00

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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		ppb v/v			12/30/22 22:39	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/30/22 22:39	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/30/22 22:39	1
Naphthalene	0.50	U	0.50		ppb v/v			12/30/22 22:39	1

Client Sample ID: 144-IA-2-122122

Lab Sample ID: 480-205079-3

Date Collected: 12/21/22 17:10

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	4.9		2.5		ug/m3			12/30/22 23:33	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/30/22 23:33	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/30/22 23:33	1
Chloromethane	1.0		1.0		ug/m3			12/30/22 23:33	1
n-Butane	13		1.2		ug/m3			12/30/22 23:33	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/30/22 23:33	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/30/22 23:33	1
Bromomethane	0.78	U	0.78		ug/m3			12/30/22 23:33	1
Chloroethane	1.3	U	1.3		ug/m3			12/30/22 23:33	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/30/22 23:33	1
Trichlorofluoromethane	1.2		1.1		ug/m3			12/30/22 23:33	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/30/22 23:33	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/30/22 23:33	1
Acetone	23		12		ug/m3			12/30/22 23:33	1
Isopropyl alcohol	12	U	12		ug/m3			12/30/22 23:33	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/30/22 23:33	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/30/22 23:33	1
Methylene Chloride	2.3		1.7		ug/m3			12/30/22 23:33	1
tert-Butyl alcohol	15	U	15		ug/m3			12/30/22 23:33	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/30/22 23:33	1
trans-1,2-Dichloroethene	0.84		0.79		ug/m3			12/30/22 23:33	1
n-Hexane	1.8	U	1.8		ug/m3			12/30/22 23:33	1
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/30/22 23:33	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5		ug/m3			12/30/22 23:33	1
cis-1,2-Dichloroethene	1.6		0.20		ug/m3			12/30/22 23:33	1
Chloroform	0.98	U	0.98		ug/m3			12/30/22 23:33	1
Tetrahydrofuran	15	U	15		ug/m3			12/30/22 23:33	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/30/22 23:33	1
Cyclohexane	2.2		0.69		ug/m3			12/30/22 23:33	1
Carbon tetrachloride	0.22	U	0.22		ug/m3			12/30/22 23:33	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/30/22 23:33	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-2-122122

Lab Sample ID: 480-205079-3

Date Collected: 12/21/22 17:10

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.64	U	0.64		ug/m3			12/30/22 23:33	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/30/22 23:33	1
n-Heptane	0.96		0.82		ug/m3			12/30/22 23:33	1
Trichloroethene	23		0.20		ug/m3			12/30/22 23:33	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/30/22 23:33	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/30/22 23:33	1
1,4-Dioxane	18	U	18		ug/m3			12/30/22 23:33	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/30/22 23:33	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/30/22 23:33	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0		ug/m3			12/30/22 23:33	1
Toluene	2.7		0.75		ug/m3			12/30/22 23:33	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/30/22 23:33	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/30/22 23:33	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/30/22 23:33	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/30/22 23:33	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/30/22 23:33	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/30/22 23:33	1
Chlorobenzene	0.92	U	0.92		ug/m3			12/30/22 23:33	1
Ethylbenzene	0.87		0.87		ug/m3			12/30/22 23:33	1
m,p-Xylene	3.5		2.2		ug/m3			12/30/22 23:33	1
o-Xylene	1.4		0.87		ug/m3			12/30/22 23:33	1
Styrene	0.85	U	0.85		ug/m3			12/30/22 23:33	1
Bromoform	2.1	U	2.1		ug/m3			12/30/22 23:33	1
Cumene	0.98	U	0.98		ug/m3			12/30/22 23:33	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/30/22 23:33	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/30/22 23:33	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/30/22 23:33	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/30/22 23:33	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/30/22 23:33	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 23:33	1
1,2,4-Trimethylbenzene	0.98	U	0.98		ug/m3			12/30/22 23:33	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 23:33	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/30/22 23:33	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 23:33	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 23:33	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/30/22 23:33	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 23:33	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 23:33	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/30/22 23:33	1
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/30/22 23:33	1
Naphthalene	2.6	U	2.6		ug/m3			12/30/22 23:33	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.98		0.50		ppb v/v			12/30/22 23:33	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/30/22 23:33	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Chloromethane	0.48		0.50		ppb v/v			12/30/22 23:33	1
n-Butane	5.3		0.50		ppb v/v			12/30/22 23:33	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-2-122122

Lab Sample ID: 480-205079-3

Date Collected: 12/21/22 17:10

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.078	U	0.078		ppb v/v			12/30/22 23:33	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Bromomethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Chloroethane	0.50	U	0.50		ppb v/v			12/30/22 23:33	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Trichlorofluoromethane	0.22		0.20		ppb v/v			12/30/22 23:33	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/30/22 23:33	1
Acetone	9.6		5.0		ppb v/v			12/30/22 23:33	1
Isopropyl alcohol	5.0	U	5.0		ppb v/v			12/30/22 23:33	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/30/22 23:33	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/30/22 23:33	1
Methylene Chloride	0.65		0.50		ppb v/v			12/30/22 23:33	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/30/22 23:33	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
trans-1,2-Dichloroethene	0.21		0.20		ppb v/v			12/30/22 23:33	1
n-Hexane	0.50	U	0.50		ppb v/v			12/30/22 23:33	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50		ppb v/v			12/30/22 23:33	1
cis-1,2-Dichloroethene	0.41		0.050		ppb v/v			12/30/22 23:33	1
Chloroform	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/30/22 23:33	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Cyclohexane	0.63		0.20		ppb v/v			12/30/22 23:33	1
Carbon tetrachloride	0.035	U	0.035		ppb v/v			12/30/22 23:33	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Benzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
n-Heptane	0.23		0.20		ppb v/v			12/30/22 23:33	1
Trichloroethene	4.4		0.037		ppb v/v			12/30/22 23:33	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/30/22 23:33	1
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/30/22 23:33	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/30/22 23:33	1
Toluene	0.71		0.20		ppb v/v			12/30/22 23:33	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/30/22 23:33	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Ethylbenzene	0.20		0.20		ppb v/v			12/30/22 23:33	1
m,p-Xylene	0.80		0.50		ppb v/v			12/30/22 23:33	1
o-Xylene	0.33		0.20		ppb v/v			12/30/22 23:33	1
Styrene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-2-122122

Lab Sample ID: 480-205079-3

Date Collected: 12/21/22 17:10

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Cumene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,2,4-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
sec-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/30/22 23:33	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/30/22 23:33	1
Naphthalene	0.50	U	0.50		ppb v/v			12/30/22 23:33	1

Client Sample ID: 144-SSV-2-122122

Lab Sample ID: 480-205079-4

Date Collected: 12/21/22 16:17

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5		ug/m3			12/31/22 00:27	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/31/22 00:27	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/31/22 00:27	1
Chloromethane	1.0	U	1.0		ug/m3			12/31/22 00:27	1
n-Butane	11		1.2		ug/m3			12/31/22 00:27	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/31/22 00:27	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/31/22 00:27	1
Bromomethane	0.78	U	0.78		ug/m3			12/31/22 00:27	1
Chloroethane	1.3	U	1.3		ug/m3			12/31/22 00:27	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/31/22 00:27	1
Trichlorofluoromethane	1.2		1.1		ug/m3			12/31/22 00:27	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/31/22 00:27	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 00:27	1
Acetone	15		12		ug/m3			12/31/22 00:27	1
Isopropyl alcohol	12	U	12		ug/m3			12/31/22 00:27	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/31/22 00:27	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/31/22 00:27	1
Methylene Chloride	1.7		1.7		ug/m3			12/31/22 00:27	1
tert-Butyl alcohol	15	U	15		ug/m3			12/31/22 00:27	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/31/22 00:27	1
trans-1,2-Dichloroethene	13		0.79		ug/m3			12/31/22 00:27	1
n-Hexane	1.8	U	1.8		ug/m3			12/31/22 00:27	1

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-SSV-2-122122

Lab Sample ID: 480-205079-4

Date Collected: 12/21/22 16:17

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 00:27	1
Methyl Ethyl Ketone (2-Butanone)	4.2		1.5		ug/m3			12/31/22 00:27	1
cis-1,2-Dichloroethene	26		0.20		ug/m3			12/31/22 00:27	1
Chloroform	0.98	U	0.98		ug/m3			12/31/22 00:27	1
Tetrahydrofuran	15	U	15		ug/m3			12/31/22 00:27	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 00:27	1
Cyclohexane	0.69	U	0.69		ug/m3			12/31/22 00:27	1
Carbon tetrachloride	0.30		0.22		ug/m3			12/31/22 00:27	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/31/22 00:27	1
Benzene	0.64	U	0.64		ug/m3			12/31/22 00:27	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 00:27	1
n-Heptane	0.82	U	0.82		ug/m3			12/31/22 00:27	1
Trichloroethene	6.7		0.20		ug/m3			12/31/22 00:27	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/31/22 00:27	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/31/22 00:27	1
1,4-Dioxane	18	U	18		ug/m3			12/31/22 00:27	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/31/22 00:27	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 00:27	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0		ug/m3			12/31/22 00:27	1
Toluene	7.3		0.75		ug/m3			12/31/22 00:27	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 00:27	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 00:27	1
Tetrachloroethene	1.4		1.4		ug/m3			12/31/22 00:27	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/31/22 00:27	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/31/22 00:27	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/31/22 00:27	1
Chlorobenzene	0.92	U	0.92		ug/m3			12/31/22 00:27	1
Ethylbenzene	0.87	U	0.87		ug/m3			12/31/22 00:27	1
m,p-Xylene	5.8		2.2		ug/m3			12/31/22 00:27	1
o-Xylene	2.1		0.87		ug/m3			12/31/22 00:27	1
Styrene	3.4		0.85		ug/m3			12/31/22 00:27	1
Bromoform	2.1	U	2.1		ug/m3			12/31/22 00:27	1
Cumene	70		0.98		ug/m3			12/31/22 00:27	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/31/22 00:27	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/31/22 00:27	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/31/22 00:27	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 00:27	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/31/22 00:27	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 00:27	1
1,2,4-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 00:27	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 00:27	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/31/22 00:27	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 00:27	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 00:27	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/31/22 00:27	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 00:27	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 00:27	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/31/22 00:27	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-SSV-2-122122

Lab Sample ID: 480-205079-4

Date Collected: 12/21/22 16:17

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/31/22 00:27	1
Naphthalene	2.6	U	2.6		ug/m3			12/31/22 00:27	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Chloromethane	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
n-Butane	4.7		0.50		ppb v/v			12/31/22 00:27	1
Vinyl chloride	0.078	U	0.078		ppb v/v			12/31/22 00:27	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Bromomethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Chloroethane	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Trichlorofluoromethane	0.21		0.20		ppb v/v			12/31/22 00:27	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 00:27	1
Acetone	6.2		5.0		ppb v/v			12/31/22 00:27	1
Isopropyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 00:27	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
Methylene Chloride	0.48		0.50		ppb v/v			12/31/22 00:27	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 00:27	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
trans-1,2-Dichloroethene	3.2		0.20		ppb v/v			12/31/22 00:27	1
n-Hexane	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Methyl Ethyl Ketone (2-Butanone)	1.4		0.50		ppb v/v			12/31/22 00:27	1
cis-1,2-Dichloroethene	6.5		0.050		ppb v/v			12/31/22 00:27	1
Chloroform	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/31/22 00:27	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Cyclohexane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Carbon tetrachloride	0.048		0.035		ppb v/v			12/31/22 00:27	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Benzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
n-Heptane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Trichloroethene	1.3		0.037		ppb v/v			12/31/22 00:27	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/31/22 00:27	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
Toluene	1.9		0.20		ppb v/v			12/31/22 00:27	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-SSV-2-122122

Lab Sample ID: 480-205079-4

Date Collected: 12/21/22 16:17

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.20		0.20		ppb v/v			12/31/22 00:27	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Ethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
m,p-Xylene	1.3		0.50		ppb v/v			12/31/22 00:27	1
o-Xylene	0.48		0.20		ppb v/v			12/31/22 00:27	1
Styrene	0.80		0.20		ppb v/v			12/31/22 00:27	1
Bromoform	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Cumene	14		0.20		ppb v/v			12/31/22 00:27	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,2,4-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
sec-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/31/22 00:27	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/31/22 00:27	1
Naphthalene	0.50	U	0.50		ppb v/v			12/31/22 00:27	1

Client Sample ID: 144-IA-3-122122

Lab Sample ID: 480-205079-5

Date Collected: 12/21/22 16:45

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5		ug/m3			12/31/22 01:21	1
Chlorodifluoromethane	1.8		1.8		ug/m3			12/31/22 01:21	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/31/22 01:21	1
Chloromethane	1.1		1.0		ug/m3			12/31/22 01:21	1
n-Butane	24		1.2		ug/m3			12/31/22 01:21	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/31/22 01:21	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/31/22 01:21	1
Bromomethane	0.78	U	0.78		ug/m3			12/31/22 01:21	1
Chloroethane	1.3	U	1.3		ug/m3			12/31/22 01:21	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/31/22 01:21	1
Trichlorofluoromethane	1.2		1.1		ug/m3			12/31/22 01:21	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/31/22 01:21	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 01:21	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-3-122122

Lab Sample ID: 480-205079-5

Date Collected: 12/21/22 16:45

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	28		12		ug/m3			12/31/22 01:21	1
Isopropyl alcohol	12	U	12		ug/m3			12/31/22 01:21	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/31/22 01:21	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/31/22 01:21	1
Methylene Chloride	4.1		1.7		ug/m3			12/31/22 01:21	1
tert-Butyl alcohol	15	U	15		ug/m3			12/31/22 01:21	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/31/22 01:21	1
trans-1,2-Dichloroethene	1.0		0.79		ug/m3			12/31/22 01:21	1
n-Hexane	2.0		1.8		ug/m3			12/31/22 01:21	1
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 01:21	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5		ug/m3			12/31/22 01:21	1
cis-1,2-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 01:21	1
Chloroform	0.98	U	0.98		ug/m3			12/31/22 01:21	1
Tetrahydrofuran	15	U	15		ug/m3			12/31/22 01:21	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 01:21	1
Cyclohexane	0.69	U	0.69		ug/m3			12/31/22 01:21	1
Carbon tetrachloride	0.25		0.22		ug/m3			12/31/22 01:21	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/31/22 01:21	1
Benzene	0.76		0.64		ug/m3			12/31/22 01:21	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 01:21	1
n-Heptane	0.82	U	0.82		ug/m3			12/31/22 01:21	1
Trichloroethene	0.20	U	0.20		ug/m3			12/31/22 01:21	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/31/22 01:21	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/31/22 01:21	1
1,4-Dioxane	18	U	18		ug/m3			12/31/22 01:21	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/31/22 01:21	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 01:21	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0		ug/m3			12/31/22 01:21	1
Toluene	2.9		0.75		ug/m3			12/31/22 01:21	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 01:21	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 01:21	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/31/22 01:21	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/31/22 01:21	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/31/22 01:21	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/31/22 01:21	1
Chlorobenzene	0.92	U	0.92		ug/m3			12/31/22 01:21	1
Ethylbenzene	0.87	U	0.87		ug/m3			12/31/22 01:21	1
m,p-Xylene	2.2	U	2.2		ug/m3			12/31/22 01:21	1
o-Xylene	0.87	U	0.87		ug/m3			12/31/22 01:21	1
Styrene	0.85	U	0.85		ug/m3			12/31/22 01:21	1
Bromoform	2.1	U	2.1		ug/m3			12/31/22 01:21	1
Cumene	0.98	U	0.98		ug/m3			12/31/22 01:21	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/31/22 01:21	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/31/22 01:21	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/31/22 01:21	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 01:21	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/31/22 01:21	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 01:21	1

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-3-122122

Lab Sample ID: 480-205079-5

Date Collected: 12/21/22 16:45

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 01:21	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 01:21	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/31/22 01:21	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 01:21	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 01:21	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/31/22 01:21	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 01:21	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 01:21	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/31/22 01:21	1
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/31/22 01:21	1
Naphthalene	2.6	U	2.6		ug/m3			12/31/22 01:21	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 01:21	1
Chlorodifluoromethane	0.51		0.50		ppb v/v			12/31/22 01:21	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Chloromethane	0.55		0.50		ppb v/v			12/31/22 01:21	1
n-Butane	10		0.50		ppb v/v			12/31/22 01:21	1
Vinyl chloride	0.078	U	0.078		ppb v/v			12/31/22 01:21	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Bromomethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Chloroethane	0.50	U	0.50		ppb v/v			12/31/22 01:21	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Trichlorofluoromethane	0.22		0.20		ppb v/v			12/31/22 01:21	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 01:21	1
Acetone	12		5.0		ppb v/v			12/31/22 01:21	1
Isopropyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 01:21	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/31/22 01:21	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/31/22 01:21	1
Methylene Chloride	1.2		0.50		ppb v/v			12/31/22 01:21	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 01:21	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
trans-1,2-Dichloroethene	0.26		0.20		ppb v/v			12/31/22 01:21	1
n-Hexane	0.57		0.50		ppb v/v			12/31/22 01:21	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50		ppb v/v			12/31/22 01:21	1
cis-1,2-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 01:21	1
Chloroform	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/31/22 01:21	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Cyclohexane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Carbon tetrachloride	0.039		0.035		ppb v/v			12/31/22 01:21	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Benzene	0.24		0.20		ppb v/v			12/31/22 01:21	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
n-Heptane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Trichloroethene	0.037	U	0.037		ppb v/v			12/31/22 01:21	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/31/22 01:21	1

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-IA-3-122122

Lab Sample ID: 480-205079-5

Date Collected: 12/21/22 16:45

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/31/22 01:21	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/31/22 01:21	1
Toluene	0.77		0.20		ppb v/v			12/31/22 01:21	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/31/22 01:21	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Ethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
m,p-Xylene	0.50	U	0.50		ppb v/v			12/31/22 01:21	1
o-Xylene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Styrene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Bromoform	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Cumene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,2,4-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
sec-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/31/22 01:21	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/31/22 01:21	1
Naphthalene	0.50	U	0.50		ppb v/v			12/31/22 01:21	1

Client Sample ID: 144-SSV-3-122122

Lab Sample ID: 480-205079-6

Date Collected: 12/21/22 16:50

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5		ug/m3			12/31/22 02:15	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/31/22 02:15	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/31/22 02:15	1
Chloromethane	1.2		1.0		ug/m3			12/31/22 02:15	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-SSV-3-122122

Lab Sample ID: 480-205079-6

Date Collected: 12/21/22 16:50

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	4.1		1.2		ug/m3			12/31/22 02:15	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/31/22 02:15	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/31/22 02:15	1
Bromomethane	0.78	U	0.78		ug/m3			12/31/22 02:15	1
Chloroethane	1.3	U	1.3		ug/m3			12/31/22 02:15	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/31/22 02:15	1
Trichlorofluoromethane	1.1		1.1		ug/m3			12/31/22 02:15	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/31/22 02:15	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 02:15	1
Acetone	12	U	12		ug/m3			12/31/22 02:15	1
Isopropyl alcohol	12	U	12		ug/m3			12/31/22 02:15	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/31/22 02:15	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/31/22 02:15	1
Methylene Chloride	1.7	U	1.7		ug/m3			12/31/22 02:15	1
tert-Butyl alcohol	15	U	15		ug/m3			12/31/22 02:15	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/31/22 02:15	1
trans-1,2-Dichloroethene	0.79	U	0.79		ug/m3			12/31/22 02:15	1
n-Hexane	1.8	U	1.8		ug/m3			12/31/22 02:15	1
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 02:15	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5		ug/m3			12/31/22 02:15	1
cis-1,2-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 02:15	1
Chloroform	0.98	U	0.98		ug/m3			12/31/22 02:15	1
Tetrahydrofuran	15	U	15		ug/m3			12/31/22 02:15	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 02:15	1
Cyclohexane	0.69	U	0.69		ug/m3			12/31/22 02:15	1
Carbon tetrachloride	0.31		0.22		ug/m3			12/31/22 02:15	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/31/22 02:15	1
Benzene	0.64	U	0.64		ug/m3			12/31/22 02:15	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 02:15	1
n-Heptane	0.82	U	0.82		ug/m3			12/31/22 02:15	1
Trichloroethene	0.20	U	0.20		ug/m3			12/31/22 02:15	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/31/22 02:15	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/31/22 02:15	1
1,4-Dioxane	18	U	18		ug/m3			12/31/22 02:15	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/31/22 02:15	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 02:15	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0		ug/m3			12/31/22 02:15	1
Toluene	0.75	U	0.75		ug/m3			12/31/22 02:15	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 02:15	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 02:15	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/31/22 02:15	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/31/22 02:15	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/31/22 02:15	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/31/22 02:15	1
Chlorobenzene	0.92	U	0.92		ug/m3			12/31/22 02:15	1
Ethylbenzene	0.87	U	0.87		ug/m3			12/31/22 02:15	1
m,p-Xylene	2.2	U	2.2		ug/m3			12/31/22 02:15	1
o-Xylene	0.87	U	0.87		ug/m3			12/31/22 02:15	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-SSV-3-122122

Lab Sample ID: 480-205079-6

Date Collected: 12/21/22 16:50

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.85	U	0.85		ug/m3			12/31/22 02:15	1
Bromoform	2.1	U	2.1		ug/m3			12/31/22 02:15	1
Cumene	0.98	U	0.98		ug/m3			12/31/22 02:15	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/31/22 02:15	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/31/22 02:15	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/31/22 02:15	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 02:15	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/31/22 02:15	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 02:15	1
1,2,4-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 02:15	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 02:15	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/31/22 02:15	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 02:15	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 02:15	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/31/22 02:15	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 02:15	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 02:15	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/31/22 02:15	1
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/31/22 02:15	1
Naphthalene	2.6	U	2.6		ug/m3			12/31/22 02:15	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Chloromethane	0.56		0.50		ppb v/v			12/31/22 02:15	1
n-Butane	1.7		0.50		ppb v/v			12/31/22 02:15	1
Vinyl chloride	0.078	U	0.078		ppb v/v			12/31/22 02:15	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Bromomethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Chloroethane	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Trichlorofluoromethane	0.19		0.20		ppb v/v			12/31/22 02:15	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 02:15	1
Acetone	5.0	U	5.0		ppb v/v			12/31/22 02:15	1
Isopropyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 02:15	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
Methylene Chloride	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 02:15	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
trans-1,2-Dichloroethene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
n-Hexane	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
cis-1,2-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 02:15	1
Chloroform	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/31/22 02:15	1

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 144 State St.

Job ID: 480-205079-1

Client Sample ID: 144-SSV-3-122122

Lab Sample ID: 480-205079-6

Date Collected: 12/21/22 16:50

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Cyclohexane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Carbon tetrachloride	0.050		0.035		ppb v/v			12/31/22 02:15	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Benzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
n-Heptane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Trichloroethene	0.037	U	0.037		ppb v/v			12/31/22 02:15	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/31/22 02:15	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
Toluene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Ethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
m,p-Xylene	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
o-Xylene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Styrene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Bromoform	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Cumene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,2,4-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
sec-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/31/22 02:15	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/31/22 02:15	1
Naphthalene	0.50	U	0.50		ppb v/v			12/31/22 02:15	1

TO-15

Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Method TO-15 Volatiles Data for
Eurofins Environment Testing-Burlington
Job No: 480-205079-1**

**6 Soil Vapor/Air Samples
Collected December 21, 2022**

Prepared by: Donald Anné
January 17, 2023

Holding Times: Samples were analyzed within the EPA recommended holding times.

Canister Pressure: The laboratory reported “received” pressure for samples were less than zero (residual vacuum), as required.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for associated target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for associated target compounds were above the allowable minimum (0.050), as required.

The %Ds for isopropyl alcohol and tetrahydrofuran were above the allowable maximum (30%) on 12-30-22 (53858-004.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analysis of intra-lab blank reported target compounds as not detected. The analyses of the cleaned canisters reported target compounds as not detected.

Internal Standard Area Summary: The applicable associated internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil gas/air samples.

Laboratory Control Sample: The surrogate recoveries for target compounds were within QC limits for the air/vapor sample LCS 200-187162/5.

Method TO-15 Volatiles Data
Job No: 480-205079-1

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 480-205079-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-187162/4 Calibration Date: 12/30/2022 11:53
 Instrument ID: CHC.i Calib Start Date: 12/21/2022 17:15
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/22/2022 08:55
 Lab File ID: 53858-004.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.356	1.792		13.2	10.0	32.1*	30.0
Dichlorodifluoromethane	Ave	4.452	4.481		10.1	10.0	0.7	30.0
Chlorodifluoromethane	Ave	2.840	3.218		11.3	10.0	13.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	4.764	4.669		9.80	10.0	-2.0	30.0
Chloromethane	Ave	1.651	1.881		11.4	10.0	13.9	30.0
n-Butane	Ave	2.535	2.915		11.5	10.0	15.0	30.0
Vinyl chloride	Ave	1.781	1.814		10.2	10.0	1.9	30.0
1,3-Butadiene	Ave	1.374	1.390		10.1	10.0	1.1	30.0
Bromomethane	Ave	1.461	1.417		9.70	10.0	-3.0	30.0
Chloroethane	Ave	0.9181	0.9893		10.8	10.0	7.8	30.0
Isopentane	Ave	2.217	2.586		11.7	10.0	16.7	30.0
Bromoethene (Vinyl Bromide)	Ave	1.744	1.597		9.16	10.0	-8.4	30.0
Trichlorofluoromethane	Ave	4.371	4.158		9.51	10.0	-4.9	30.0
n-Pentane	Ave	3.236	3.806		11.8	10.0	17.6	30.0
Ethanol	Ave	0.8216	1.082		19.8	15.0	31.7*	30.0
Ethyl ether	Ave	1.294	1.389		10.7	10.0	7.3	30.0
Acrolein	Ave	0.7574	0.8466		11.2	10.0	11.8	30.0
1,1,2-Trichlorotrifluoroethane	Ave	3.755	3.537		9.42	10.0	-5.8	30.0
1,1-Dichloroethene	Ave	1.923	1.708		8.88	10.0	-11.2	30.0
Acetone	Ave	2.617	3.346		12.8	10.0	27.8	30.0
Carbon disulfide	Ave	5.262	5.323		10.1	10.0	1.2	30.0
Isopropyl alcohol	Ave	3.158	4.169		13.2	10.0	32.0*	30.0
3-Chloropropene	Ave	2.627	2.823		10.7	10.0	7.4	30.0
Acetonitrile	Ave	1.349	1.988		14.7	10.0	47.4*	30.0
Methylene Chloride	Ave	2.156	2.482		11.5	10.0	15.1	30.0
tert-Butyl alcohol	Ave	3.712	4.472		12.0	10.0	20.5	30.0
trans-1,2-Dichloroethene	Ave	2.910	3.015		10.4	10.0	3.6	30.0
Methyl tert-butyl ether	Ave	5.425	5.557		10.2	10.0	2.4	30.0
Acrylonitrile	Ave	1.362	1.529		11.2	10.0	12.3	30.0
n-Hexane	Ave	3.028	3.232		10.7	10.0	6.7	30.0
1,1-Dichloroethane	Ave	3.626	3.640		10.0	10.0	0.4	30.0
Vinyl acetate	Ave	4.847	6.130		12.6	10.0	26.5	30.0
cis-1,2-Dichloroethene	Ave	2.187	2.030		9.28	10.0	-7.2	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	1.076	1.033		9.60	10.0	-4.0	30.0
Ethyl acetate	Ave	0.1701	0.1721		10.1	10.0	1.2	30.0
Tetrahydrofuran	Ave	0.4045	0.5342		13.2	10.0	32.1*	30.0
Chloroform	Ave	4.315	4.201		9.74	10.0	-2.6	30.0
1,1,1-Trichloroethane	Ave	0.7589	0.7269		9.58	10.0	-4.2	30.0
Cyclohexane	Ave	0.5294	0.5064		9.56	10.0	-4.3	30.0

FORM VII
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 Instrument ID: CHC.i Calib Start Date: 12/21/2022 17:15
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/22/2022 08:55
 Lab File ID: 53858-004.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.7820	0.7141		9.13	10.0	-8.7	30.0
Benzene	Ave	1.328	1.279		9.63	10.0	-3.6	30.0
2,2,4-Trimethylpentane	Ave	2.172	2.326		10.7	10.0	7.1	30.0
1,2-Dichloroethane	Ave	0.5288	0.5634		10.7	10.0	6.5	30.0
n-Heptane	Ave	0.8674	1.017		11.7	10.0	17.2	30.0
Trichloroethene	Ave	0.6057	0.5300		8.75	10.0	-12.5	30.0
n-Butanol	Ave	0.3433	0.4164		12.1	10.0	21.3	30.0
1,2-Dichloropropane	Ave	0.5560	0.5756		10.4	10.0	3.5	30.0
Dibromomethane	Ave	0.5288	0.4174		7.89	10.0	-21.1	30.0
Methyl methacrylate	Ave	0.5164	0.5288		10.2	10.0	2.4	30.0
1,4-Dioxane	Ave	0.2814	0.3057		10.9	10.0	8.6	30.0
Bromodichloromethane	Ave	0.9678	0.9468		9.78	10.0	-2.2	30.0
cis-1,3-Dichloropropene	Ave	0.9378	0.9281		9.89	10.0	-1.0	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	1.239	1.529		12.3	10.0	23.4	30.0
Toluene	Ave	1.143	1.058		9.25	10.0	-7.4	30.0
n-Octane	Ave	1.391	1.680		12.1	10.0	20.8	30.0
trans-1,3-Dichloropropene	Ave	0.8159	0.8126		9.96	10.0	-0.4	30.0
1,1,2-Trichloroethane	Ave	0.5557	0.5262		9.47	10.0	-5.3	30.0
Tetrachloroethene	Ave	0.9026	0.7141		7.91	10.0	-20.9	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	1.292	1.609		12.4	10.0	24.5	30.0
Dibromochloromethane	Ave	0.9811	0.8892		9.06	10.0	-9.4	30.0
1,2-Dibromoethane	Ave	0.9467	0.8494		8.97	10.0	-10.3	30.0
Chlorobenzene	Ave	1.486	1.307		8.80	10.0	-12.0	30.0
Ethylbenzene	Ave	2.535	2.375		9.37	10.0	-6.3	30.0
n-Nonane	Ave	1.371	1.521		11.1	10.0	10.9	30.0
m,p-Xylene	Ave	0.9614	0.8829		18.4	20.0	-8.2	30.0
o-Xylene	Ave	0.9340	0.8380		8.97	10.0	-10.3	30.0
Styrene	Ave	1.486	1.372		9.23	10.0	-7.7	30.0
Bromoform	Ave	0.9146	0.8486		9.28	10.0	-7.2	30.0
Cumene	Ave	2.770	2.507		9.05	10.0	-9.5	30.0
1,1,2,2-Tetrachloroethane	Ave	1.482	1.416		9.55	10.0	-4.5	30.0
1,2,3-Trichloropropane	Ave	1.226	1.213		9.89	10.0	-1.1	30.0
n-Propylbenzene	Ave	3.450	3.263		9.45	10.0	-5.4	30.0
2-Chlorotoluene	Ave	2.395	2.257		9.42	10.0	-5.8	30.0
4-Ethyltoluene	Ave	2.826	2.602		9.20	10.0	-7.9	30.0
n-Decane	Ave	1.798	1.990		11.1	10.0	10.7	30.0
1,3,5-Trimethylbenzene	Ave	2.334	2.128		9.11	10.0	-8.9	30.0
Alpha Methyl Styrene	Ave	1.152	1.057		9.18	10.0	-8.2	30.0
tert-Butylbenzene	Ave	2.206	1.964		8.90	10.0	-11.0	30.0
1,2,4-Trimethylbenzene	Ave	2.328	2.137		9.18	10.0	-8.2	30.0

FORM VII
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 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/22/2022 08:55
 Lab File ID: 53858-004.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
sec-Butylbenzene	Ave	3.416	3.156		9.24	10.0	-7.6	30.0
1,3-Dichlorobenzene	Ave	1.564	1.362		8.70	10.0	-12.9	30.0
4-Isopropyltoluene	Ave	2.831	2.593		9.16	10.0	-8.4	30.0
1,4-Dichlorobenzene	Ave	1.588	1.350		8.50	10.0	-15.0	30.0
Benzyl chloride	Ave	2.226	2.215		9.95	10.0	-0.5	30.0
n-Butylbenzene	Ave	2.812	2.744		9.75	10.0	-2.4	30.0
1,2-Dichlorobenzene	Ave	1.503	1.295		8.61	10.0	-13.9	30.0
n-Undecane	Ave	1.843	2.235		12.1	10.0	21.2	30.0
n-Dodecane	Ave	1.740	2.115		12.2	10.0	21.5	30.0
1,2,4-Trichlorobenzene	Ave	1.307	1.168		8.93	10.0	-10.7	30.0
Hexachlorobutadiene	Ave	1.285	1.049		8.16	10.0	-18.4	30.0
Naphthalene	Ave	2.767	2.670		9.65	10.0	-3.5	30.0
1,2,3-Trichlorobenzene	Ave	1.024	0.9275		9.05	10.0	-9.4	30.0

Alpha Geoscience: Acronyms and Definitions

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high and associated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

**SUB-SLAB VAPOR AND INDOOR
AIR MONITORING REPORT
2022-2023 HEATING SEASON**

**140 State Street
Albany, New York**

Site No. 401061

CHA Project Number: 021645.022

Prepared for:

***Columbia Eagle, LLC
302 Washington Avenue Extension
Albany, NY 12203***

Prepared by:



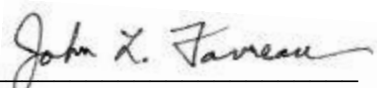
***III Winners Circle
Albany, New York 12205
(518) 453-4500***

April 17, 2023

QUALIFICATIONS AND CERTIFICATION STATEMENT

This Report was compiled by qualified environmental scientists and engineers employed by CHA and was prepared expressly for the use of Columbia Eagle, LLC. No other parties are entitled to rely upon this report unless our express written consent is first obtained. All conclusions drawn were based on CHA's field inspection and analytical results from sampling performed during the course of this project. Recommendations are submitted based on CHA's knowledge, experience, and professional judgment.

Report Completed By:



John L. Favreau, CHMM
Senior Scientist V

Report Reviewed By:



Seth H. Fowler, CHMM
Project Manager

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Figure 1:	Sub-Slab and Indoor Air Sample Location Map

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Appendix B	Laboratory Analytical Report
Appendix C	Data Usability Summary Report

1.0 OVERVIEW

The Site is located at 140 State Street in the City of Albany, County of Albany, New York and is part of the Former Albany Laboratories Site (NYSDEC Site No. 401061). Columbia Eagle LLC (Columbia Eagle) entered into an Order on Consent with the NYSDEC to investigate and remediate contaminated media at the Former Albany Laboratories Site, located on a portion of 67 Howard Street and 140 State Street.

After completion of the remedial work, some contamination was left in the subsurface at the Site. A Site Management Plan (SMP) for the Former Albany Laboratories Site, dated June 20, 2014, was prepared to manage remaining contamination at the Site. As part of the approved SMP, a passive sub-slab ventilation system (SSVS) was installed on the 140 State Street portion of the Site during the construction of a new building on the Site in the summer and fall of 2015.

In accordance with the SMP, following the passive SSVS installation, sub-slab vapor and indoor air sampling was to be completed prior to building occupancy and then at least one year following installation, during the heating season, to evaluate soil vapor and indoor air quality. Due to the timing of the completion of the SSVS, the initial monitoring event was completed during the 2015-2016 heating season. At the time of the monitoring event, construction of the building at 140 State Street had been completed and the building was heated but was not yet occupied.

The activities and findings of the first sub-slab vapor and indoor air sampling event were presented in CHA's report dated March 7, 2016. Based on evaluation of the analytical results by the NYSDEC and the New York State Department of Health (NYSDOH), and subsequent discussion with these agencies, the passive ventilation system was converted to an active sub-slab depressurization system (SSDS). The analytical results showed the detection of trans-1,2-Dichloroethene at elevated levels in both sub-slab vapor and indoor air samples. It should be noted that trans-1,2-Dichloroethene is not one of the compounds specifically addressed by the NYSDOH's October 2006 *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*; however, the NYSDOH expressed concern and requested that the sampling be repeated or that the system be activated. Columbia Eagle opted for conversion of the sub-slab system, which was completed during the summer of 2016 by Alpine Environmental Services, Inc. (Alpine). The SMP was revised in February 2017 to reflect conversion of the passive ventilation system to an active sub-slab depressurization system (SSDS).

The second sub-slab soil vapor and indoor air monitoring event was conducted during the 2016-2017 heating season and the results of this sampling event were presented in CHA's report dated April 13, 2017.

Based on the sampling schedule included in the SMP, the next sampling event was to have occurred during the 2021-2022 heating season; however, deferral of this sampling event to the 2022-2023 heating season was requested by CHA on behalf of Columbia-Eagle and was approved by the NYSDEC via e-mail correspondence on November 15, 2021.

Sections 2.0 and 3.0 of this report discuss the field activities and results associated with the sampling event conducted at the 140 State Street building on December 21, 2022. CHA's conclusions and recommendations are presented and discussed in Section 4.0.

2.0 FIELD ACTIVITIES

2.1 SAMPLE COLLECTION

On December 15, 2022, a helium tracer gas study was performed as a quality assurance/quality control measure to verify the integrity of the two existing sub-slab vapor sampling probes. To facilitate the study at each location, polyethylene tubing was connected to the sampling probe and was extended through a pre-drilled hole in an enclosure consisting of an inverted 5-gallon plastic bucket which was placed over the sampling probe. Plumber's putty was used to seal the base of the enclosure at the floor surface and around the sample tubing extending out of the enclosure. A portable air sampling pump was then used to purge air and soil vapor through the sample tubing. A minimum of three implant volumes (volume of the sample probe and tubing) were purged. The tracer gas was released into the enclosure through a separate pre-drilled hole to displace ambient air within the enclosure and provide positive pressure. The hole was then plugged using a rubber stopper. Finally, a Dielectric MGD-2002 Helium Detector was utilized to detect potential leaks by purging vapor through the sample tubing. Helium concentrations of 1,525 parts per million (ppm) and 628 ppm were detected at sub-slab vapor probes 140-SSV-1 and 140-SSV-2, respectively. Per the NYSDOH guidance, given the detected concentrations of helium were below 10,000 ppm, the sub-slab vapor probes were determined to be adequately sealed. Following the tracer gas study, one to three implant volumes (volume of the sample probe and tube) were purged at each vapor probe location.

On December 21, 2022, CHA returned to the site to collect samples for laboratory analysis. Indoor air samples (140-IA-1 and 140-IA-2) were collected concurrently with and in the immediate vicinity of the sub-slab vapor sampling locations (140-SSV-1 and 140-SSV-2) to quantify the actual indoor air quality relative to sub-slab conditions. CHA also collected one outdoor ambient air (background) sample from a location southwest of 140 State Street, along the east side of the Renaissance Hotel (144 State Street) which is located adjacent to the Site. The purpose of the background sample was to determine if compounds detected in the indoor air sample could be attributable to ambient air levels at the Site at the time of sampling. Refer to Figure 1 for sampling locations.

All of the samples were collected using six-liter SUMMA[®] canisters and pre-calibrated flow controllers, batch certified clean by Eurofins Environment Testing (Eurofins) of Burlington, Vermont. The flow controllers were calibrated for an eight-hour sampling period. All of the samples were analyzed by Eurofins for volatile organic compounds (VOCs) via EPA Method TO-15. Eurofins is a NYSDOH Environmental Laboratory Approval Program (ELAP) certified laboratory.

It should be noted that at the time of the December 2022 sampling event, the sub-slab depressurization system was in operation.

2.2 BUILDING CHEMICAL INVENTORY

In addition to the sub-slab and indoor air sampling, CHA conducted an inventory of products/chemicals present within the basement level of the building at the time of sampling that could potentially impact indoor air quality and affect the results of the indoor air samples that

were collected. The remaining building levels were not accessible at the time of the sampling event.

During the inventory, CHA observed the following:

- Two 1-gallon containers of Pre-Catalyzed Waterborne Epoxy
- Six 1-gallon containers of latex paint
- One 5-gallon container of latex paint
- One 1-quart container of latex paint
- One 5-gallon container of ProForm Joint Compound
- One 5-gallon container of Roberts 7350 Universal Floor Adhesive
- Two 30-oz. tubes of Excelsior Wall Base Adhesive

CHA observed the above containers to be closed with the caps secured tightly, and no petroleum or chemical odors were noted in the basement at the time of the inventory or during sample collection. A copy of the NYSDOH Indoor Air Quality Questionnaire and Building Inventory is included in Appendix A.

3.0 RESULTS

3.1 GUIDANCE/SCREENING LEVELS

The laboratory results for the samples were compared to a number of guidance values. More specifically, the results reported for the compounds trichloroethene, cis-1,2-dichloroethene, 1,1-dichloroethylene, carbon tetrachloride, tetrachloroethene, 1,1,1-trichloroethane, methylene chloride and vinyl chloride in both the sub-slab and ambient air samples were compared to the decision matrices that are presented in the NYSDOH October 2006 *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* and subsequent updates. It should be noted that these eight compounds are the only VOCs included in the NYSDOH decision matrices for determination of monitoring and mitigation.

Analytical results are shown in Table 1, relative to the matrix threshold values for these key parameters, as published in the Soil Vapor/Indoor Air Matrices A, B and C of the referenced NYSDOH vapor intrusion guidance.

Volatile organic compounds that are not listed in the above-referenced NYSDOH decision matrices can be and are commonly compared to one or all of the “screening levels” specified in the 1997-2003 NYSDOH *Study of VOCs in Air for Fuel Oil Heated Homes* (90th Percentile). This set of data is referenced for comparison purposes only, as the values referenced in this document are not enforceable regulatory guidance or standards. As noted in Table 1, these values are referred to as screening levels for the purposes of this report.

3.2 ANALYTICAL RESULTS

The analytical results of sub-slab vapor and indoor air samples collected on December 21, 2022 are summarized in Table 1. A copy of the complete laboratory report is included in Appendix B. The sub-slab vapor, indoor air, and ambient air sample results are discussed in the following sections.

3.2.1 Sub-Slab Vapor Sample 140-SSV-1 & Indoor Air Sample 140-IA-1

The analytical results of the sub-slab soil vapor sample 140-SSV-1-122122 and the corresponding indoor air sample 140-IA-1-122122 showed the detection of a limited number of VOCs at levels above their respective laboratory reporting limits. Only two of the eight VOCs included in the NYSDOH decision matrices were detected: carbon tetrachloride (detected in both the sub-slab soil vapor sample and the indoor air sample at concentrations of 0.32 and 0.34 $\mu\text{g}/\text{m}^3$, respectively); and methylene chloride (detected in the indoor air sample only, at a concentration of 9.7 $\mu\text{g}/\text{m}^3$). The detected concentrations of these compounds were below the minimum concentrations requiring monitoring and mitigation, based on NYSDOH Soil Vapor/Indoor Air Matrices A and B.

In indoor sample 140-IA-1-122122, the following additional compounds were detected above the laboratory reporting limits: acetone; benzene; butane; chloromethane; hexane; toluene; trans-1,2-dichloroethene; and trichlorofluoromethane (five of these compounds were also detected in the

outdoor air sample). The analytical results of these compounds were compared to the “screening levels” and all concentrations were below the screening levels.

Note that the detected concentration of trans-1,2-dichloroethene in the indoor air sample was 4.0 $\mu\text{g}/\text{m}^3$, which represents a decrease by an order of magnitude from the concentration exhibited in December 2016 (43 $\mu\text{g}/\text{m}^3$) and a decrease by two orders of magnitude from the concentration exhibited in January 2016 (160 $\mu\text{g}/\text{m}^3$). A continued decrease in the concentration of this compound was also noted in the sub-slab soil vapor sample at this location, from 23 $\mu\text{g}/\text{m}^3$ in January 2016, to 18 $\mu\text{g}/\text{m}^3$ in December 2016, and then 2.1 $\mu\text{g}/\text{m}^3$ in December 2022.

3.2.2 Sub-Slab Vapor Sample 140-SSV-2 & Indoor Air Sample 140-IA-2

The analytical results of the sub-slab soil vapor sample 140-SSV-2-122122 and the corresponding indoor air sample 140-IA-2-122122 showed the detection of a limited number of VOCs at levels above their respective laboratory reporting limits. Only two of the eight VOCs included in the NYSDOH decision matrices were detected: carbon tetrachloride (detected in both the sub-slab soil vapor sample and the indoor air sample at concentrations of 0.30 and 0.23 $\mu\text{g}/\text{m}^3$, respectively); and methylene chloride (detected in the sub-slab soil vapor sample only, at a concentration of 2.1 $\mu\text{g}/\text{m}^3$). The detected concentrations of these compounds were below the minimum concentrations requiring monitoring and mitigation, based on NYSDOH Soil Vapor/Indoor Air Matrices A and B.

In indoor air sample 140-IA-2-122122, the following additional compounds were detected above the laboratory reporting limits: acetone; benzene; butane; 2-Butanone; chloromethane; isopropyl alcohol; toluene; trans-1,2-dichloroethene; and trichlorofluoromethane (five of these compounds were also detected in the outdoor air sample). The analytical results of the compounds listed above were compared to the “screening levels” and all concentrations were below the screening levels.

Note that the detected concentration of trans-1,2-dichloroethene in the indoor air sample was 4.2 $\mu\text{g}/\text{m}^3$, which represents a decrease by an order of magnitude from the concentration exhibited in December 2016 (42 $\mu\text{g}/\text{m}^3$) and a decrease by two orders of magnitude from the concentration exhibited in January 2016 (150 $\mu\text{g}/\text{m}^3$). A continued decreasing trend in the concentration of this compound was also noted in the sub-slab soil vapor sample at this location, from 240 $\mu\text{g}/\text{m}^3$ in January 2016, to 41 $\mu\text{g}/\text{m}^3$ in December 2016, and then 3.7 $\mu\text{g}/\text{m}^3$ in December 2022.

3.2.3 Outdoor Air Sample

The outdoor air sample, identified as “Ambient Air - 122122”, was found to contain low concentrations of the following VOCs (all of which were detected in the indoor air samples): benzene; butane; chloromethane; trichlorofluoromethane; and toluene. Of the eight VOCs included in the NYSDOH decision matrices, only carbon tetrachloride was detected in the outdoor air sample, at a concentration of 0.31 $\mu\text{g}/\text{m}^3$.

3.3 DATA VALIDATION SUMMARY

The analytical laboratory deliverable ASP Category B data package was submitted to CHA's subconsultant, Alpha Geoscience (Alpha), for independent data validation. Based on the Data Usability Summary Report (DUSR) prepared by Alpha, the overall performances of the analyses were deemed acceptable and Eurofins Environment Testing – Burlington did fulfill the requirements of the analytical method. The data were deemed acceptable. The following data were qualified:

- The volatile result for isopropyl alcohol was qualified as estimated (J) in sample “140-IA-2-122122” because the %D for isopropyl alcohol was above the allowable maximum in the associated continuing calibration.

All data were considered usable with the estimated (J) data associated with a higher level of quantitative uncertainty. The DUSR is included in Appendix C.

4.0 CONCLUSIONS/RECOMMENDATIONS

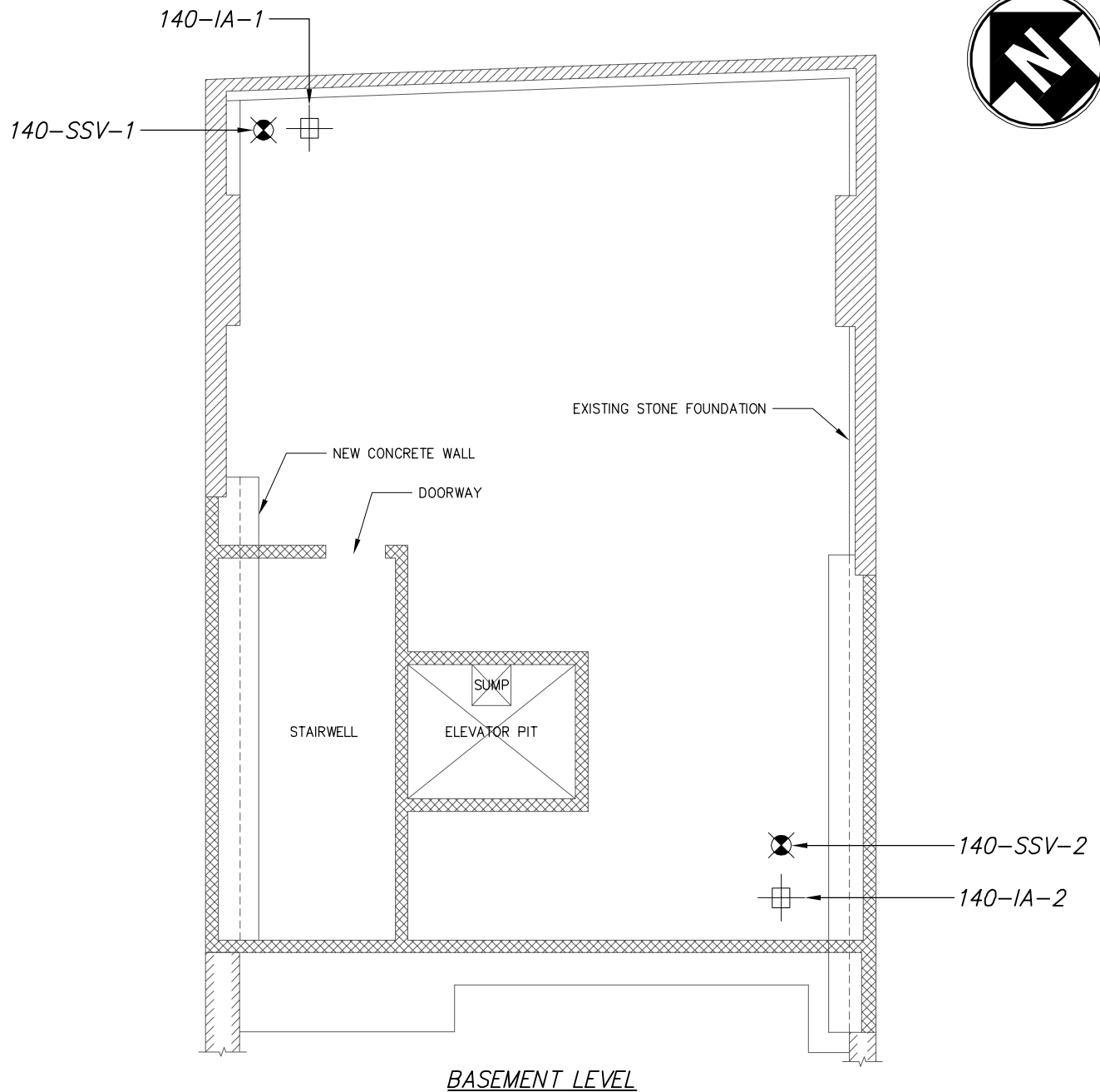
4.1 CONCLUSIONS

- Based on the results from the analysis of the sub-slab soil vapor and indoor air samples, a limited number of VOCs were detected at concentrations above their respective laboratory reporting limits. Two of the eight compounds included in the NYSDOH decision matrices were detected in sub-slab soil vapor and/or indoor air samples at the locations of : carbon tetrachloride and methylene chloride. Detected concentrations of these two compounds were below the monitoring/mitigation threshold concentrations published in NYSDOH's Soil Vapor/Indoor Air Matrices A and B, dated May 2017. Carbon tetrachloride was also detected in the outdoor ambient air sample, at a similar concentration.
- The analytical results indicate a continued significant decreasing trend in the concentration of trans-1,2-Dichloroethene (the compound of concern which led to activation of the vapor mitigation system) in both the sub-slab vapor and indoor air samples as compared to the results from the January 2016 and December 2016 sampling events. Concentrations of this compound have decreased to below 5 µg/m³ in sub-slab soil vapor and indoor air samples.
- At the time of this sampling event, CHA observed containers of latex paint, joint compound and floor/wall base adhesive. CHA observed the containers to be closed with the lids secured tightly, and no petroleum or chemical odors were noted in the basement during sample collection. Based on the observed condition of the containers and the indoor air sample results, the contents of the containers are not considered to have adversely impacted indoor air quality at the time of the sampling event.

4.2 RECOMMENDATIONS

- Based on the analytical results of the recent sub-slab soil vapor and indoor air sampling conducted at 140 State Street, it is CHA's opinion that operation and maintenance of the SSDS may no longer be warranted. As such, CHA recommends development and implementation of a plan for formal deactivation of the system, including completion of another round of sampling during the next heating season, conducted while the SSDS is not in operation.

FIGURE 1

**LEGEND:**

SUB-SLAB VAPOR PROBE SAMPLE LOCATION

INDOOR AIR SAMPLE LOCATION

AMBIENT AIR SAMPLE LOCATION

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III Winners Circle, PO Box 5269
Albany, NY 12205-0269
518.453.4500 · www.chacompanies.com

SUB-SLAB VAPOR AND INDOOR AIR
SAMPLE LOCATIONS
140 STATE STREET
ALBANY, NEW YORK

PROJECT NO.
21645

DATE: 03/30/23

FIGURE 1

TABLE 1

Table 1
Sub-Slab Vapor and Indoor/Ambient Air Sample Analytical Results
140 State Street, Albany, New York

Compound	Units	140-SSV-1 1/18/2016 (Sub-Slab Vapor)	140-SSV-1 12/13/2016 (Sub-Slab Vapor)	140-SSV-1 12/21/2022 (Sub-Slab Vapor)	140-IA-1 1/18/2016 (Indoor Air)	140-IA-1 12/13/2016 (Indoor Air)	140-IA-1 12/21/2023 (Indoor Air)	140-SSV-2 1/18/2016 (Sub-Slab Vapor)	140-SSV-2 12/13/2016 (Sub-Slab Vapor)	140-SSV-2 12/21/2023 (Sub-Slab Vapor)	140-IA-2 1/18/2016 (Indoor Air)	140-IA-2 12/13/2016 (Indoor Air)	140-IA-2 12/21/2023 (Indoor Air)	140-AM-1 1/18/2016 (Ambient Air)	AM-1 12/13/2016 (Ambient Air)	Ambient Air 12/21/2022 (Ambient Air)	NYSDOH Matrix Specific Minimum Sub-Slab Concentration (µg/m³) (May 2017)	NYSDOH Matrix Specific Minimum Indoor Air Concentration (µg/m³) (May 2017)	1997-2003 NYSDOH Summary of Indoor Levels of VOCs from Fuel Oil Heated Homes in NYS, 90th Percentile (ug/m3) "screening levels"
1,1,1-Trichloroethane	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	3	3.5
1,1,2,2-Tetrachloroethane	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			0.23
1,1,2-Trichloroethane	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			0.24
1,1,2-Trichlorotrifluoroethane	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			1.8
1,1-Dichloroethane	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			0.23
1,1-Dichloroethene	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	0.2	0.23
1,2,4-Trichlorobenzene	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			3
1,2,4-Trimethylbenzene	µg/m³	3.2	7.5	1.4	ND	ND	ND	4.2	9.5	1.3	ND	ND	ND	ND	ND	ND			2.7
1,2-Dibromoethane	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			0.23
1,2-Dichlorobenzene	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			0.78
1,2-Dichloroethane	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			0.22
1,2-Dichloropropane	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			0.24
1,2-Dichlorotetrafluoroethane	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			0.63
1,3,5-Trimethylbenzene	µg/m³	ND	1.8	ND	ND	ND	ND	ND	2.2	ND	ND	ND	ND	ND	ND	ND			3.8
1,3-Dichlorobenzene	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			0.66
1,4-Dichlorobenzene	µg/m³	ND	2.9	ND	ND	ND	ND	ND	3.4	ND	ND	ND	ND	ND	ND	ND			1.3
1,4-Dioxane	µg/m³	ND	ND	ND	19	ND	ND	ND	0.79	ND	10	ND	ND	ND	ND	ND			NS
2,2,4-Trimethylpentane	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			NS
2-Butanone	µg/m³	2.4	ND	2.8	ND	9.5	ND	ND	40	2.0	2.4	3.9	1.7	ND	ND	ND			NS
4-Methyl-2-pentanone (MIBK)	µg/m³	10	ND	ND	6.4	ND	ND	8.4	ND	ND	16	ND	ND	7.2	ND	ND			NS
Benzene	µg/m³	ND	0.59	ND	ND	0.76	0.89	ND	0.8	0.96	ND	0.8	0.98	0.46	1.1	0.92			15
Benzyl chloride	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			NS
Bromodichloromethane	µg/m³	ND	ND	ND	ND	ND	ND	ND	2.2	ND	ND	ND	ND	ND	ND	ND			NS
Bromoform	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			NS
Bromomethane	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			0.58
Carbon tetrachloride	µg/m³	ND	0.41	0.34	ND	0.41	0.32	ND	0.42	0.3	ND	0.44	0.23	0.35	0.39	0.31	6	0.2	0.87
Chlorobenzene	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			0.23
Chloroethane	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			0.25
Chloroform	µg/m³	ND	ND	ND	ND	0.76	ND	ND	34	ND	ND	0.95	ND	ND	ND	ND			1.4
Chloromethane	µg/m³	ND	ND	ND	1.7	1.1	1.2	ND	ND	1.1	1.3	1.1	1.3	1.0	1.1	1.1			3.3
cis-1,2-Dichloroethene	µg/m³	ND	ND	ND	ND	ND	ND	ND	0.45	ND	ND	ND	ND	ND	ND	ND	6	0.2	0.24
cis-1,3-Dichloropropene	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			0.24
Cyclohexane	µg/m³	ND	ND	ND	ND	ND	ND	ND	0.86	1.0	ND	ND	ND	ND	ND	ND			9.1
Dibromochloromethane	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			NS
Dichlorodifluoromethane	µg/m³	2.4	2.5	ND	2.2	2.3	ND	ND	2.5	2.6	1.9	2.5	ND	1.9	2.6	ND			15
Ethanol	µg/m³	ND	ND	ND	220	95	ND	ND	63	ND	130	150	ND	24	26	ND			NS
Ethylbenzene	µg/m³	2.1	3	1.4	2.3	0.56	ND	4.2	3.9	ND	1.8	0.45	ND	ND	0.41	ND			7.3
Hexachlorobutadiene	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			4.8
Hexane	µg/m³	ND	1.1	ND	ND	1.2	ND	ND	1.6	2.0	ND	2.1	ND	ND	1.2	ND			NS
Methyl tert-butyl ether	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			27
Methylene Chloride	µg/m³	17	0.82	ND	ND	1.5	9.7	ND	9.1	2.1	ND	3.6	ND	1.2	1.4	ND	100	3	22
m-Xylene & p-Xylene	µg/m³	9.2	13	5.0	11	1.8	ND	17	16	3.1	ND	1.5	ND	0.66	1.6	ND			12
o-Xylene	µg/m³	2.9	5	1.8	2.5	0.68	ND	9.3	6.1	1.2	2.0	0.53	ND	ND	0.49	ND			7.9
Styrene	µg/m³	0.92	ND	2.5	ND	0.51	ND	ND	0.66	ND	ND	0.35	ND	ND	ND	ND			1.3
t-Butyl alcohol	µg/m³	18	ND	ND	19	ND	ND	37	2.1	ND	11	ND	ND	ND	ND	ND			NS
Tetrachloroethene	µg/m³	ND	ND	ND	ND	ND	ND	ND	1.3	ND	ND	ND	ND	ND	ND	ND	100	3	2.9
Toluene	µg/m³	5.6	8.3	3.7	6.5	8.4	1.4	9.0	12	2.4	5.3	4.8	1.8	0.78	2.4	1.5			59
trans-1,2-Dichloroethene	µg/m³	23	18	2.1	160	43	4	240	41	3.7	150	42	4.2	0.56	ND	ND			NS
trans-1,3-Dichloropropene	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			0.22
Trichloroethene	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	0.2	0.48
Trichlorofluoromethane	µg/m³	1.5	1.4	1.2	ND	1.3	1.2	ND	1.6	1.2	1.1	1.6	1.2	1.1	1.4	1.2			17
Vinyl chloride	µg/m³	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	0.2	0.23

Notes:

µg/m3 = Micrograms per cubic meter

NS = No Standard



Parameter included on NYSDOH Decision Matrix

APPENDIX A

NYSDOH INDOOR AIR QUALITY QUESTIONNAIRE & BUILDING INVENTORY

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

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

Preparer's Name JOHN FAVREAU (CITA CONSULTING, INC) Date/Time Prepared 12/21/22

Preparer's Affiliation CONSULTANT FOR BUILDING-MANAGER Phone No. (518) 453-8995

Purpose of Investigation 2022/2023 HEATING SEASON SUB-SLAB & INDOOR AIR SAMPLING, 140 STATE ST.
ALBANY, NY

1. OCCUPANT:

Interviewed: Y ☒ N ☐

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

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

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

Interviewed: ☒ Y ☐ N

Last Name: GALLAGHER First Name: MIKE

Address: RBL MANAGEMENT, 302 WASHINGTON AVE. EXT., ALBANY, NY 12203

County: ALBANY

Home Phone: _____ Office Phone: (518) 452-8200

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

☒ Residential
☐ Industrial

☐ School
☐ Church

☒ Commercial/Multi-use
Other: _____

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

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: <u>MULTISTORY OFFICES/APARTMENTS</u>

If multiple units, how many? 2 APARTMENT UNITS (4th & 5th FLOORS)

If the property is commercial, type?

Business Type(s) OFFICE USE

Does it include residences (i.e., multi-use)? (Y) / N If yes, how many? 2

Other characteristics:

Number of floors 5

Building age 7+ YEARS

Is the building insulated? (Y) / N

How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

- AIRFLOW EVALUATION NOT PERFORMED

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

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

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

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

Basement/Lowest level depth below grade: ~8 (feet)

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

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

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

<u>Hot air circulation</u>	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

<u>Natural Gas</u>	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: NATURAL GAS

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? Y / N

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

7. OCCUPANCY

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

Level General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Basement	<u>STORAGE / UTILITY EQUIPMENT</u>
1 st Floor	<u>OFFICE SPACE</u>
2 nd Floor	<u>OFFICE SPACE</u>
3 rd Floor	<u>OFFICE SPACE</u>
4 th Floor	<u>APARTMENT</u>
5 th Floor	<u>APARTMENT</u>

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage?

Y (N)

b. Does the garage have a separate heating unit?

Y / N / (NA)

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car)

Y / N / (NA)

Please specify _____

d. Has the building ever had a fire?

Y (N) When? _____

e. Is a kerosene or unvented gas space heater present?

Y (N) Where? _____

f. Is there a workshop or hobby/craft area?

Y (N) Where & Type? _____

g. Is there smoking in the building?

Y (N) How frequently? _____

h. Have cleaning products been used recently?

Y (N) When & Type? _____

i. Have cosmetic products been used recently?

Y (N) When & Type? _____

- j. Has painting/staining been done in the last 6 months? Y ☒ N Where & When? _____
- k. Is there new carpet, drapes or other textiles? Y ☒ N Where & When? _____
- l. Have air fresheners been used recently? Y ☒ N When & Type? _____
- m. Is there a kitchen exhaust fan? *NOT IN BASEMENT BUT IN APARTMENTS* ☒ Y / N If yes, where vented? OUTSIDE
- n. Is there a bathroom exhaust fan? *NOT IN BASEMENT BUT IN OFFICE SPACES & APARTMENTS* ☒ Y / N If yes, where vented? OUTSIDE
- o. Is there a clothes dryer? *NOT IN BASEMENT, BUT IN APARTMENTS.* ☒ Y / N If yes, is it vented outside? ☒ Y / N
- p. Has there been a pesticide application? Y ☒ N When & Type? _____

Are there odors in the building?

Y ☒ N

If yes, please describe: _____

Do any of the building occupants use solvents at work?

Y ☒ N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y / N

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

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No

Unknown

Is there a radon mitigation system for the building/structure? ☒ Y / N Date of Installation: 2015

Is the system active or passive? ☒ Active / Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

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

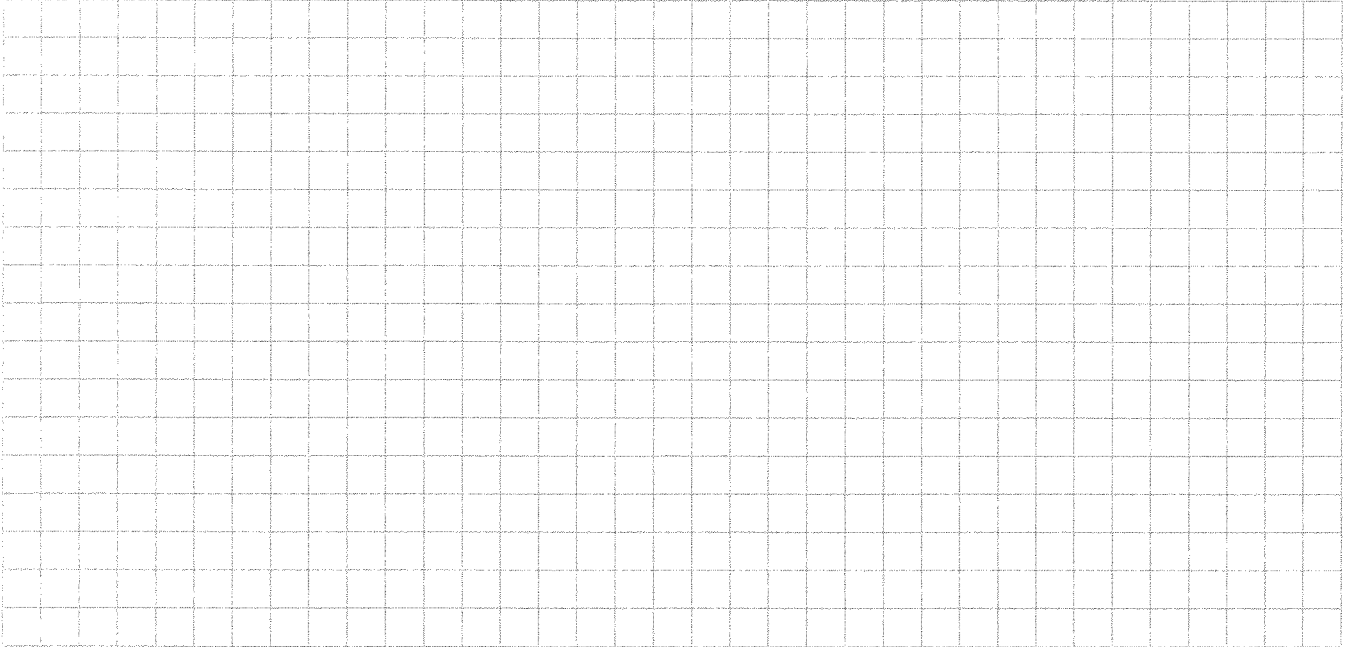
c. Responsibility for costs associated with reimbursement explained? Y / N

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

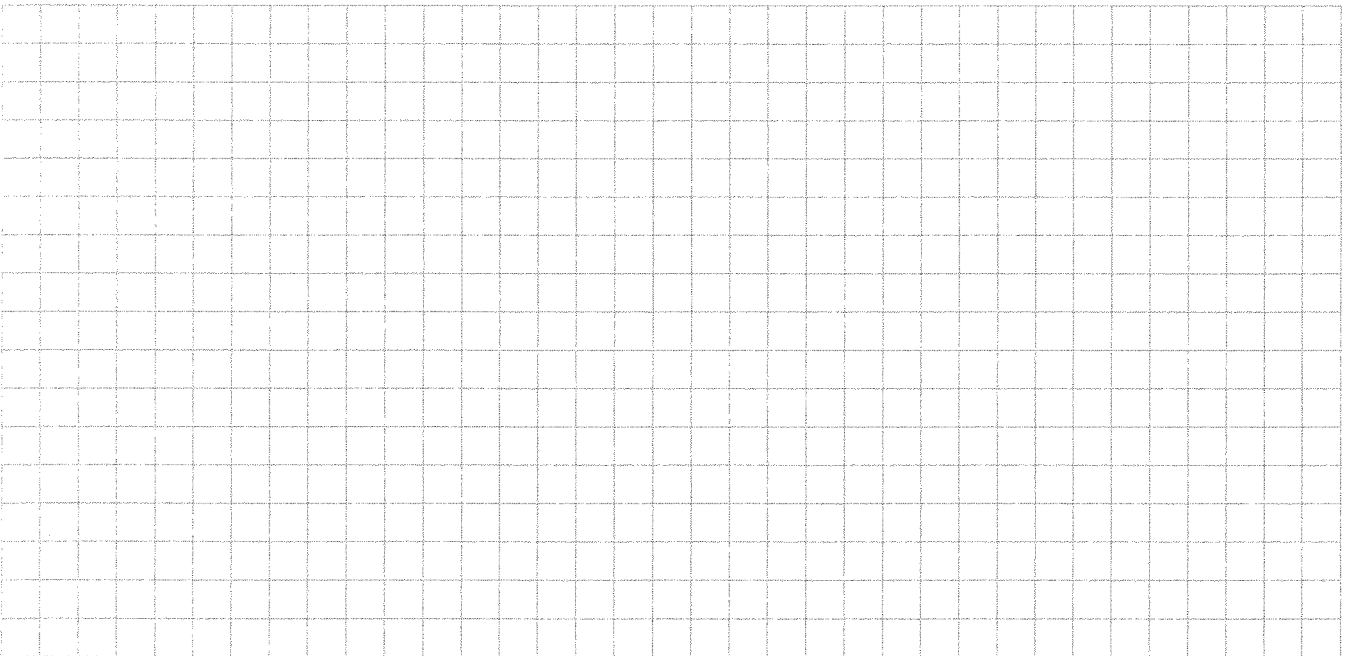
11. FLOOR PLANS

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

Basement:



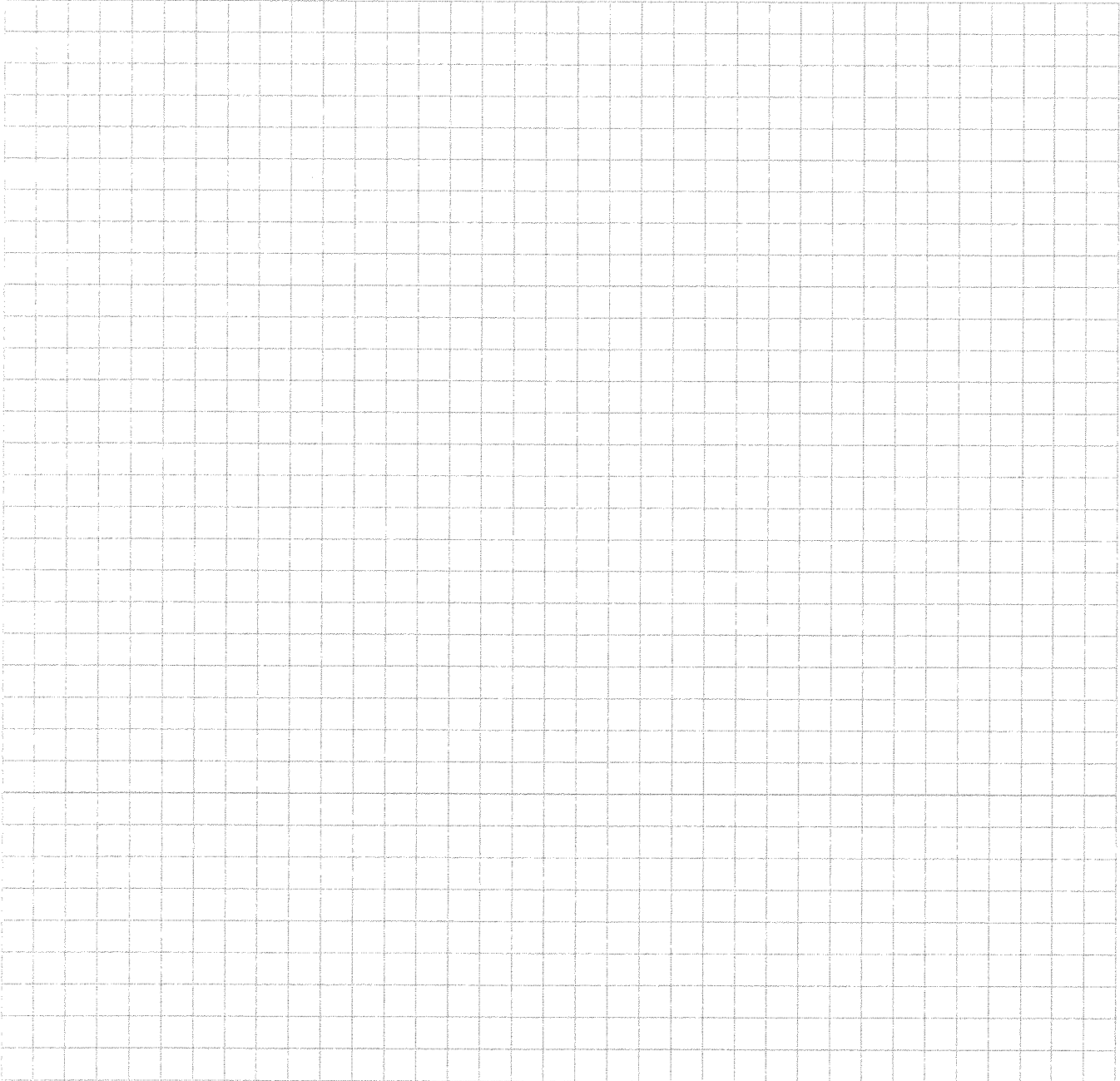
First Floor:



12. OUTDOOR PLOT

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

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



Make & Model of field instrument used: N/A

**** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**

APPENDIX B
LABORATORY ANALYTICAL REPORT

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. John Favreau
CHA Inc
III Winners Circle
PO BOX 5269
Albany, New York 12205-0269

Generated 1/5/2023 11:37:53 AM

JOB DESCRIPTION

Former Albany Labs 140 State St.

JOB NUMBER

480-205080-1

Eurofins Buffalo

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Buffalo and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Buffalo Project Manager or designee who has signed this report.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Authorized for release by
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Definitions/Glossary

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
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: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Job ID: 480-205080-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-205080-1

Comments

No additional comments.

Receipt

The samples were received on 12/29/2022 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice.

Air Toxics

Method TO-15: The continuing calibration verification (CCV) associated with batch 200-187162 recovered above the upper control limit for Isopropyl Alcohol and Tetrahydrofuran. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-IA-1-122122

Lab Sample ID: 480-205080-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.2		1.0		ug/m3	1		TO-15	Total/NA
n-Butane	26		1.2		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1		ug/m3	1		TO-15	Total/NA
Acetone	12		12		ug/m3	1		TO-15	Total/NA
Methylene Chloride	9.7		1.7		ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	4.0		0.79		ug/m3	1		TO-15	Total/NA
n-Hexane	3.9		1.8		ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.32		0.22		ug/m3	1		TO-15	Total/NA
Benzene	0.89		0.64		ug/m3	1		TO-15	Total/NA
Toluene	1.4		0.75		ug/m3	1		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.59		0.50		ppb v/v	1		TO-15	Total/NA
n-Butane	11		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.21		0.20		ppb v/v	1		TO-15	Total/NA
Acetone	5.0		5.0		ppb v/v	1		TO-15	Total/NA
Methylene Chloride	2.8		0.50		ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	1.0		0.20		ppb v/v	1		TO-15	Total/NA
n-Hexane	1.1		0.50		ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.050		0.035		ppb v/v	1		TO-15	Total/NA
Benzene	0.28		0.20		ppb v/v	1		TO-15	Total/NA
Toluene	0.37		0.20		ppb v/v	1		TO-15	Total/NA

Client Sample ID: 140-SSV-1-122122

Lab Sample ID: 480-205080-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	20		1.2		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1		ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	2.1		0.79		ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.8		1.5		ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.34		0.22		ug/m3	1		TO-15	Total/NA
Toluene	3.7		0.75		ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.4		0.87		ug/m3	1		TO-15	Total/NA
m,p-Xylene	5.0		2.2		ug/m3	1		TO-15	Total/NA
o-Xylene	1.8		0.87		ug/m3	1		TO-15	Total/NA
Styrene	2.5		0.85		ug/m3	1		TO-15	Total/NA
Cumene	19		0.98		ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.4		0.98		ug/m3	1		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butane	8.4		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.22		0.20		ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.53		0.20		ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.94		0.50		ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.054		0.035		ppb v/v	1		TO-15	Total/NA
Toluene	0.98		0.20		ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.31		0.20		ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.1		0.50		ppb v/v	1		TO-15	Total/NA
o-Xylene	0.41		0.20		ppb v/v	1		TO-15	Total/NA
Styrene	0.59		0.20		ppb v/v	1		TO-15	Total/NA
Cumene	3.8		0.20		ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.29		0.20		ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-IA-2-122122

Lab Sample ID: 480-205080-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.3		1.0		ug/m3	1		TO-15	Total/NA
n-Butane	30		1.2		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1		ug/m3	1		TO-15	Total/NA
Acetone	13		12		ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	22		12		ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	4.2		0.79		ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.7		1.5		ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.23		0.22		ug/m3	1		TO-15	Total/NA
Benzene	0.98		0.64		ug/m3	1		TO-15	Total/NA
Toluene	1.8		0.75		ug/m3	1		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.61		0.50		ppb v/v	1		TO-15	Total/NA
n-Butane	13		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.21		0.20		ppb v/v	1		TO-15	Total/NA
Acetone	5.5		5.0		ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	9.1		5.0		ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	1.0		0.20		ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.59		0.50		ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.037		0.035		ppb v/v	1		TO-15	Total/NA
Benzene	0.31		0.20		ppb v/v	1		TO-15	Total/NA
Toluene	0.48		0.20		ppb v/v	1		TO-15	Total/NA

Client Sample ID: 140-SSV-2-122122

Lab Sample ID: 480-205080-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.6		2.5		ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0		ug/m3	1		TO-15	Total/NA
n-Butane	29		1.2		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1		ug/m3	1		TO-15	Total/NA
Acetone	12		12		ug/m3	1		TO-15	Total/NA
Methylene Chloride	2.1		1.7		ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	3.7		0.79		ug/m3	1		TO-15	Total/NA
n-Hexane	2.0		1.8		ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.0		1.5		ug/m3	1		TO-15	Total/NA
Cyclohexane	1.0		0.69		ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.30		0.22		ug/m3	1		TO-15	Total/NA
Benzene	0.96		0.64		ug/m3	1		TO-15	Total/NA
n-Heptane	0.92		0.82		ug/m3	1		TO-15	Total/NA
Toluene	2.4		0.75		ug/m3	1		TO-15	Total/NA
m,p-Xylene	3.1		2.2		ug/m3	1		TO-15	Total/NA
o-Xylene	1.2		0.87		ug/m3	1		TO-15	Total/NA
Styrene	1.8		0.85		ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.3		0.98		ug/m3	1		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.52		0.50		ppb v/v	1		TO-15	Total/NA
Chloromethane	0.55		0.50		ppb v/v	1		TO-15	Total/NA
n-Butane	12		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.22		0.20		ppb v/v	1		TO-15	Total/NA
Acetone	5.2		5.0		ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.61		0.50		ppb v/v	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.94		0.20		ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-SSV-2-122122 (Continued)

Lab Sample ID: 480-205080-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Hexane	0.55		0.50		ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.68		0.50		ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.29		0.20		ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.047		0.035		ppb v/v	1		TO-15	Total/NA
Benzene	0.30		0.20		ppb v/v	1		TO-15	Total/NA
n-Heptane	0.22		0.20		ppb v/v	1		TO-15	Total/NA
Toluene	0.63		0.20		ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.72		0.50		ppb v/v	1		TO-15	Total/NA
o-Xylene	0.27		0.20		ppb v/v	1		TO-15	Total/NA
Styrene	0.42		0.20		ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.26		0.20		ppb v/v	1		TO-15	Total/NA

Client Sample ID: AMBIENT AIR-122122

Lab Sample ID: 480-205080-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.1		1.0		ug/m3	1		TO-15	Total/NA
n-Butane	24		1.2		ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1		ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.31		0.22		ug/m3	1		TO-15	Total/NA
Benzene	0.92		0.64		ug/m3	1		TO-15	Total/NA
Toluene	1.5		0.75		ug/m3	1		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.55		0.50		ppb v/v	1		TO-15	Total/NA
n-Butane	10		0.50		ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.22		0.20		ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.049		0.035		ppb v/v	1		TO-15	Total/NA
Benzene	0.29		0.20		ppb v/v	1		TO-15	Total/NA
Toluene	0.41		0.20		ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-IA-1-122122

Lab Sample ID: 480-205080-1

Date Collected: 12/21/22 15:35

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5		ug/m3			12/31/22 03:09	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/31/22 03:09	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/31/22 03:09	1
Chloromethane	1.2		1.0		ug/m3			12/31/22 03:09	1
n-Butane	26		1.2		ug/m3			12/31/22 03:09	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/31/22 03:09	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/31/22 03:09	1
Bromomethane	0.78	U	0.78		ug/m3			12/31/22 03:09	1
Chloroethane	1.3	U	1.3		ug/m3			12/31/22 03:09	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/31/22 03:09	1
Trichlorofluoromethane	1.2		1.1		ug/m3			12/31/22 03:09	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/31/22 03:09	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 03:09	1
Acetone	12		12		ug/m3			12/31/22 03:09	1
Isopropyl alcohol	12	U	12		ug/m3			12/31/22 03:09	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/31/22 03:09	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/31/22 03:09	1
Methylene Chloride	9.7		1.7		ug/m3			12/31/22 03:09	1
tert-Butyl alcohol	15	U	15		ug/m3			12/31/22 03:09	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/31/22 03:09	1
trans-1,2-Dichloroethene	4.0		0.79		ug/m3			12/31/22 03:09	1
n-Hexane	3.9		1.8		ug/m3			12/31/22 03:09	1
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 03:09	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5		ug/m3			12/31/22 03:09	1
cis-1,2-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 03:09	1
Chloroform	0.98	U	0.98		ug/m3			12/31/22 03:09	1
Tetrahydrofuran	15	U	15		ug/m3			12/31/22 03:09	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 03:09	1
Cyclohexane	0.69	U	0.69		ug/m3			12/31/22 03:09	1
Carbon tetrachloride	0.32		0.22		ug/m3			12/31/22 03:09	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/31/22 03:09	1
Benzene	0.89		0.64		ug/m3			12/31/22 03:09	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 03:09	1
n-Heptane	0.82	U	0.82		ug/m3			12/31/22 03:09	1
Trichloroethene	0.20	U	0.20		ug/m3			12/31/22 03:09	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/31/22 03:09	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/31/22 03:09	1
1,4-Dioxane	18	U	18		ug/m3			12/31/22 03:09	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/31/22 03:09	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 03:09	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0		ug/m3			12/31/22 03:09	1
Toluene	1.4		0.75		ug/m3			12/31/22 03:09	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 03:09	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 03:09	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/31/22 03:09	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/31/22 03:09	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/31/22 03:09	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/31/22 03:09	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-IA-1-122122

Lab Sample ID: 480-205080-1

Date Collected: 12/21/22 15:35

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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		ug/m3			12/31/22 03:09	1
Ethylbenzene	0.87	U	0.87		ug/m3			12/31/22 03:09	1
m,p-Xylene	2.2	U	2.2		ug/m3			12/31/22 03:09	1
o-Xylene	0.87	U	0.87		ug/m3			12/31/22 03:09	1
Styrene	0.85	U	0.85		ug/m3			12/31/22 03:09	1
Bromoform	2.1	U	2.1		ug/m3			12/31/22 03:09	1
Cumene	0.98	U	0.98		ug/m3			12/31/22 03:09	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/31/22 03:09	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/31/22 03:09	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/31/22 03:09	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 03:09	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/31/22 03:09	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 03:09	1
1,2,4-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 03:09	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 03:09	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/31/22 03:09	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 03:09	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 03:09	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/31/22 03:09	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 03:09	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 03:09	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/31/22 03:09	1
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/31/22 03:09	1
Naphthalene	2.6	U	2.6		ug/m3			12/31/22 03:09	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Chloromethane	0.59		0.50		ppb v/v			12/31/22 03:09	1
n-Butane	11		0.50		ppb v/v			12/31/22 03:09	1
Vinyl chloride	0.078	U	0.078		ppb v/v			12/31/22 03:09	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Bromomethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Chloroethane	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Trichlorofluoromethane	0.21		0.20		ppb v/v			12/31/22 03:09	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 03:09	1
Acetone	5.0		5.0		ppb v/v			12/31/22 03:09	1
Isopropyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 03:09	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
Methylene Chloride	2.8		0.50		ppb v/v			12/31/22 03:09	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 03:09	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
trans-1,2-Dichloroethene	1.0		0.20		ppb v/v			12/31/22 03:09	1
n-Hexane	1.1		0.50		ppb v/v			12/31/22 03:09	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-IA-1-122122

Lab Sample ID: 480-205080-1

Date Collected: 12/21/22 15:35

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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)	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
cis-1,2-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 03:09	1
Chloroform	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/31/22 03:09	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Cyclohexane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Carbon tetrachloride	0.050		0.035		ppb v/v			12/31/22 03:09	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Benzene	0.28		0.20		ppb v/v			12/31/22 03:09	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
n-Heptane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Trichloroethene	0.037	U	0.037		ppb v/v			12/31/22 03:09	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/31/22 03:09	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
Toluene	0.37		0.20		ppb v/v			12/31/22 03:09	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Ethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
m,p-Xylene	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
o-Xylene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Styrene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Bromoform	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Cumene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,2,4-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
sec-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-IA-1-122122

Lab Sample ID: 480-205080-1

Date Collected: 12/21/22 15:35

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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		ppb v/v			12/31/22 03:09	1

Client Sample ID: 140-SSV-1-122122

Lab Sample ID: 480-205080-2

Date Collected: 12/21/22 15:13

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5		ug/m3			12/31/22 04:03	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/31/22 04:03	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/31/22 04:03	1
Chloromethane	1.0	U	1.0		ug/m3			12/31/22 04:03	1
n-Butane	20		1.2		ug/m3			12/31/22 04:03	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/31/22 04:03	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/31/22 04:03	1
Bromomethane	0.78	U	0.78		ug/m3			12/31/22 04:03	1
Chloroethane	1.3	U	1.3		ug/m3			12/31/22 04:03	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/31/22 04:03	1
Trichlorofluoromethane	1.2		1.1		ug/m3			12/31/22 04:03	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/31/22 04:03	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 04:03	1
Acetone	12	U	12		ug/m3			12/31/22 04:03	1
Isopropyl alcohol	12	U	12		ug/m3			12/31/22 04:03	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/31/22 04:03	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/31/22 04:03	1
Methylene Chloride	1.7	U	1.7		ug/m3			12/31/22 04:03	1
tert-Butyl alcohol	15	U	15		ug/m3			12/31/22 04:03	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/31/22 04:03	1
trans-1,2-Dichloroethene	2.1		0.79		ug/m3			12/31/22 04:03	1
n-Hexane	1.8	U	1.8		ug/m3			12/31/22 04:03	1
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 04:03	1
Methyl Ethyl Ketone (2-Butanone)	2.8		1.5		ug/m3			12/31/22 04:03	1
cis-1,2-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 04:03	1
Chloroform	0.98	U	0.98		ug/m3			12/31/22 04:03	1
Tetrahydrofuran	15	U	15		ug/m3			12/31/22 04:03	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 04:03	1
Cyclohexane	0.69	U	0.69		ug/m3			12/31/22 04:03	1
Carbon tetrachloride	0.34		0.22		ug/m3			12/31/22 04:03	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/31/22 04:03	1
Benzene	0.64	U	0.64		ug/m3			12/31/22 04:03	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 04:03	1
n-Heptane	0.82	U	0.82		ug/m3			12/31/22 04:03	1
Trichloroethene	0.20	U	0.20		ug/m3			12/31/22 04:03	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/31/22 04:03	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/31/22 04:03	1
1,4-Dioxane	18	U	18		ug/m3			12/31/22 04:03	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/31/22 04:03	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 04:03	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-SSV-1-122122

Lab Sample ID: 480-205080-2

Date Collected: 12/21/22 15:13

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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		ug/m3			12/31/22 04:03	1
Toluene	3.7		0.75		ug/m3			12/31/22 04:03	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 04:03	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 04:03	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/31/22 04:03	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/31/22 04:03	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/31/22 04:03	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/31/22 04:03	1
Chlorobenzene	0.92	U	0.92		ug/m3			12/31/22 04:03	1
Ethylbenzene	1.4		0.87		ug/m3			12/31/22 04:03	1
m,p-Xylene	5.0		2.2		ug/m3			12/31/22 04:03	1
o-Xylene	1.8		0.87		ug/m3			12/31/22 04:03	1
Styrene	2.5		0.85		ug/m3			12/31/22 04:03	1
Bromoform	2.1	U	2.1		ug/m3			12/31/22 04:03	1
Cumene	19		0.98		ug/m3			12/31/22 04:03	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/31/22 04:03	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/31/22 04:03	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/31/22 04:03	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 04:03	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/31/22 04:03	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 04:03	1
1,2,4-Trimethylbenzene	1.4		0.98		ug/m3			12/31/22 04:03	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 04:03	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/31/22 04:03	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 04:03	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 04:03	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/31/22 04:03	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 04:03	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 04:03	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/31/22 04:03	1
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/31/22 04:03	1
Naphthalene	2.6	U	2.6		ug/m3			12/31/22 04:03	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Chloromethane	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
n-Butane	8.4		0.50		ppb v/v			12/31/22 04:03	1
Vinyl chloride	0.078	U	0.078		ppb v/v			12/31/22 04:03	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Bromomethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Chloroethane	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Trichlorofluoromethane	0.22		0.20		ppb v/v			12/31/22 04:03	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 04:03	1
Acetone	5.0	U	5.0		ppb v/v			12/31/22 04:03	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-SSV-1-122122

Lab Sample ID: 480-205080-2

Date Collected: 12/21/22 15:13

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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		ppb v/v			12/31/22 04:03	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
Methylene Chloride	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 04:03	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
trans-1,2-Dichloroethene	0.53		0.20		ppb v/v			12/31/22 04:03	1
n-Hexane	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Methyl Ethyl Ketone (2-Butanone)	0.94		0.50		ppb v/v			12/31/22 04:03	1
cis-1,2-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 04:03	1
Chloroform	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/31/22 04:03	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Cyclohexane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Carbon tetrachloride	0.054		0.035		ppb v/v			12/31/22 04:03	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Benzene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
n-Heptane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Trichloroethene	0.037	U	0.037		ppb v/v			12/31/22 04:03	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/31/22 04:03	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
Toluene	0.98		0.20		ppb v/v			12/31/22 04:03	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Ethylbenzene	0.31		0.20		ppb v/v			12/31/22 04:03	1
m,p-Xylene	1.1		0.50		ppb v/v			12/31/22 04:03	1
o-Xylene	0.41		0.20		ppb v/v			12/31/22 04:03	1
Styrene	0.59		0.20		ppb v/v			12/31/22 04:03	1
Bromoform	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Cumene	3.8		0.20		ppb v/v			12/31/22 04:03	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,2,4-Trimethylbenzene	0.29		0.20		ppb v/v			12/31/22 04:03	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-SSV-1-122122

Lab Sample ID: 480-205080-2

Date Collected: 12/21/22 15:13

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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		ppb v/v			12/31/22 04:03	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Naphthalene	0.50	U	0.50		ppb v/v			12/31/22 04:03	1

Client Sample ID: 140-IA-2-122122

Lab Sample ID: 480-205080-3

Date Collected: 12/21/22 15:31

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5		ug/m3			12/31/22 04:57	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/31/22 04:57	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/31/22 04:57	1
Chloromethane	1.3		1.0		ug/m3			12/31/22 04:57	1
n-Butane	30		1.2		ug/m3			12/31/22 04:57	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/31/22 04:57	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/31/22 04:57	1
Bromomethane	0.78	U	0.78		ug/m3			12/31/22 04:57	1
Chloroethane	1.3	U	1.3		ug/m3			12/31/22 04:57	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/31/22 04:57	1
Trichlorofluoromethane	1.2		1.1		ug/m3			12/31/22 04:57	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/31/22 04:57	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 04:57	1
Acetone	13		12		ug/m3			12/31/22 04:57	1
Isopropyl alcohol	22		12		ug/m3			12/31/22 04:57	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/31/22 04:57	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/31/22 04:57	1
Methylene Chloride	1.7	U	1.7		ug/m3			12/31/22 04:57	1
tert-Butyl alcohol	15	U	15		ug/m3			12/31/22 04:57	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/31/22 04:57	1
trans-1,2-Dichloroethene	4.2		0.79		ug/m3			12/31/22 04:57	1
n-Hexane	1.8	U	1.8		ug/m3			12/31/22 04:57	1
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 04:57	1
Methyl Ethyl Ketone (2-Butanone)	1.7		1.5		ug/m3			12/31/22 04:57	1
cis-1,2-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 04:57	1
Chloroform	0.98	U	0.98		ug/m3			12/31/22 04:57	1
Tetrahydrofuran	15	U	15		ug/m3			12/31/22 04:57	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 04:57	1
Cyclohexane	0.69	U	0.69		ug/m3			12/31/22 04:57	1
Carbon tetrachloride	0.23		0.22		ug/m3			12/31/22 04:57	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/31/22 04:57	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-IA-2-122122

Lab Sample ID: 480-205080-3

Date Collected: 12/21/22 15:31

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.98		0.64		ug/m3			12/31/22 04:57	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 04:57	1
n-Heptane	0.82	U	0.82		ug/m3			12/31/22 04:57	1
Trichloroethene	0.20	U	0.20		ug/m3			12/31/22 04:57	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/31/22 04:57	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/31/22 04:57	1
1,4-Dioxane	18	U	18		ug/m3			12/31/22 04:57	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/31/22 04:57	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 04:57	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0		ug/m3			12/31/22 04:57	1
Toluene	1.8		0.75		ug/m3			12/31/22 04:57	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 04:57	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 04:57	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/31/22 04:57	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/31/22 04:57	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/31/22 04:57	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/31/22 04:57	1
Chlorobenzene	0.92	U	0.92		ug/m3			12/31/22 04:57	1
Ethylbenzene	0.87	U	0.87		ug/m3			12/31/22 04:57	1
m,p-Xylene	2.2	U	2.2		ug/m3			12/31/22 04:57	1
o-Xylene	0.87	U	0.87		ug/m3			12/31/22 04:57	1
Styrene	0.85	U	0.85		ug/m3			12/31/22 04:57	1
Bromoform	2.1	U	2.1		ug/m3			12/31/22 04:57	1
Cumene	0.98	U	0.98		ug/m3			12/31/22 04:57	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/31/22 04:57	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/31/22 04:57	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/31/22 04:57	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 04:57	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/31/22 04:57	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 04:57	1
1,2,4-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 04:57	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 04:57	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/31/22 04:57	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 04:57	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 04:57	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/31/22 04:57	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 04:57	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 04:57	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/31/22 04:57	1
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/31/22 04:57	1
Naphthalene	2.6	U	2.6		ug/m3			12/31/22 04:57	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Chloromethane	0.61		0.50		ppb v/v			12/31/22 04:57	1
n-Butane	13		0.50		ppb v/v			12/31/22 04:57	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-IA-2-122122

Lab Sample ID: 480-205080-3

Date Collected: 12/21/22 15:31

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.078	U	0.078		ppb v/v			12/31/22 04:57	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Bromomethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Chloroethane	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Trichlorofluoromethane	0.21		0.20		ppb v/v			12/31/22 04:57	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 04:57	1
Acetone	5.5		5.0		ppb v/v			12/31/22 04:57	1
Isopropyl alcohol	9.1		5.0		ppb v/v			12/31/22 04:57	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
Methylene Chloride	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 04:57	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
trans-1,2-Dichloroethene	1.0		0.20		ppb v/v			12/31/22 04:57	1
n-Hexane	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Methyl Ethyl Ketone (2-Butanone)	0.59		0.50		ppb v/v			12/31/22 04:57	1
cis-1,2-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 04:57	1
Chloroform	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/31/22 04:57	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Cyclohexane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Carbon tetrachloride	0.037		0.035		ppb v/v			12/31/22 04:57	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Benzene	0.31		0.20		ppb v/v			12/31/22 04:57	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
n-Heptane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Trichloroethene	0.037	U	0.037		ppb v/v			12/31/22 04:57	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/31/22 04:57	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
Toluene	0.48		0.20		ppb v/v			12/31/22 04:57	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Ethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
m,p-Xylene	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
o-Xylene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Styrene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-IA-2-122122

Lab Sample ID: 480-205080-3

Date Collected: 12/21/22 15:31

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Cumene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,2,4-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
sec-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Naphthalene	0.50	U	0.50		ppb v/v			12/31/22 04:57	1

Client Sample ID: 140-SSV-2-122122

Lab Sample ID: 480-205080-4

Date Collected: 12/21/22 15:26

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.6		2.5		ug/m3			12/31/22 05:50	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/31/22 05:50	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/31/22 05:50	1
Chloromethane	1.1		1.0		ug/m3			12/31/22 05:50	1
n-Butane	29		1.2		ug/m3			12/31/22 05:50	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/31/22 05:50	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/31/22 05:50	1
Bromomethane	0.78	U	0.78		ug/m3			12/31/22 05:50	1
Chloroethane	1.3	U	1.3		ug/m3			12/31/22 05:50	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/31/22 05:50	1
Trichlorofluoromethane	1.2		1.1		ug/m3			12/31/22 05:50	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/31/22 05:50	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 05:50	1
Acetone	12		12		ug/m3			12/31/22 05:50	1
Isopropyl alcohol	12	U	12		ug/m3			12/31/22 05:50	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/31/22 05:50	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/31/22 05:50	1
Methylene Chloride	2.1		1.7		ug/m3			12/31/22 05:50	1
tert-Butyl alcohol	15	U	15		ug/m3			12/31/22 05:50	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/31/22 05:50	1
trans-1,2-Dichloroethene	3.7		0.79		ug/m3			12/31/22 05:50	1
n-Hexane	2.0		1.8		ug/m3			12/31/22 05:50	1

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-SSV-2-122122

Lab Sample ID: 480-205080-4

Date Collected: 12/21/22 15:26

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 05:50	1
Methyl Ethyl Ketone (2-Butanone)	2.0		1.5		ug/m3			12/31/22 05:50	1
cis-1,2-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 05:50	1
Chloroform	0.98	U	0.98		ug/m3			12/31/22 05:50	1
Tetrahydrofuran	15	U	15		ug/m3			12/31/22 05:50	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 05:50	1
Cyclohexane	1.0		0.69		ug/m3			12/31/22 05:50	1
Carbon tetrachloride	0.30		0.22		ug/m3			12/31/22 05:50	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/31/22 05:50	1
Benzene	0.96		0.64		ug/m3			12/31/22 05:50	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 05:50	1
n-Heptane	0.92		0.82		ug/m3			12/31/22 05:50	1
Trichloroethene	0.20	U	0.20		ug/m3			12/31/22 05:50	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/31/22 05:50	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/31/22 05:50	1
1,4-Dioxane	18	U	18		ug/m3			12/31/22 05:50	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/31/22 05:50	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 05:50	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0		ug/m3			12/31/22 05:50	1
Toluene	2.4		0.75		ug/m3			12/31/22 05:50	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 05:50	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 05:50	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/31/22 05:50	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/31/22 05:50	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/31/22 05:50	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/31/22 05:50	1
Chlorobenzene	0.92	U	0.92		ug/m3			12/31/22 05:50	1
Ethylbenzene	0.87	U	0.87		ug/m3			12/31/22 05:50	1
m,p-Xylene	3.1		2.2		ug/m3			12/31/22 05:50	1
o-Xylene	1.2		0.87		ug/m3			12/31/22 05:50	1
Styrene	1.8		0.85		ug/m3			12/31/22 05:50	1
Bromoform	2.1	U	2.1		ug/m3			12/31/22 05:50	1
Cumene	0.98	U	0.98		ug/m3			12/31/22 05:50	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/31/22 05:50	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/31/22 05:50	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/31/22 05:50	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 05:50	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/31/22 05:50	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 05:50	1
1,2,4-Trimethylbenzene	1.3		0.98		ug/m3			12/31/22 05:50	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 05:50	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/31/22 05:50	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 05:50	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 05:50	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/31/22 05:50	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 05:50	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 05:50	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/31/22 05:50	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-SSV-2-122122

Lab Sample ID: 480-205080-4

Date Collected: 12/21/22 15:26

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/31/22 05:50	1
Naphthalene	2.6	U	2.6		ug/m3			12/31/22 05:50	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.52		0.50		ppb v/v			12/31/22 05:50	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 05:50	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Chloromethane	0.55		0.50		ppb v/v			12/31/22 05:50	1
n-Butane	12		0.50		ppb v/v			12/31/22 05:50	1
Vinyl chloride	0.078	U	0.078		ppb v/v			12/31/22 05:50	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Bromomethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Chloroethane	0.50	U	0.50		ppb v/v			12/31/22 05:50	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Trichlorofluoromethane	0.22		0.20		ppb v/v			12/31/22 05:50	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 05:50	1
Acetone	5.2		5.0		ppb v/v			12/31/22 05:50	1
Isopropyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 05:50	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/31/22 05:50	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/31/22 05:50	1
Methylene Chloride	0.61		0.50		ppb v/v			12/31/22 05:50	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 05:50	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
trans-1,2-Dichloroethene	0.94		0.20		ppb v/v			12/31/22 05:50	1
n-Hexane	0.55		0.50		ppb v/v			12/31/22 05:50	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Methyl Ethyl Ketone (2-Butanone)	0.68		0.50		ppb v/v			12/31/22 05:50	1
cis-1,2-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 05:50	1
Chloroform	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/31/22 05:50	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Cyclohexane	0.29		0.20		ppb v/v			12/31/22 05:50	1
Carbon tetrachloride	0.047		0.035		ppb v/v			12/31/22 05:50	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Benzene	0.30		0.20		ppb v/v			12/31/22 05:50	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
n-Heptane	0.22		0.20		ppb v/v			12/31/22 05:50	1
Trichloroethene	0.037	U	0.037		ppb v/v			12/31/22 05:50	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/31/22 05:50	1
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/31/22 05:50	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/31/22 05:50	1
Toluene	0.63		0.20		ppb v/v			12/31/22 05:50	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-SSV-2-122122

Lab Sample ID: 480-205080-4

Date Collected: 12/21/22 15:26

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/31/22 05:50	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Ethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
m,p-Xylene	0.72		0.50		ppb v/v			12/31/22 05:50	1
o-Xylene	0.27		0.20		ppb v/v			12/31/22 05:50	1
Styrene	0.42		0.20		ppb v/v			12/31/22 05:50	1
Bromoform	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Cumene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,2,4-Trimethylbenzene	0.26		0.20		ppb v/v			12/31/22 05:50	1
sec-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/31/22 05:50	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Naphthalene	0.50	U	0.50		ppb v/v			12/31/22 05:50	1

Client Sample ID: AMBIENT AIR-122122

Lab Sample ID: 480-205080-5

Date Collected: 12/21/22 15:20

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5		ug/m3			12/31/22 06:44	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/31/22 06:44	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/31/22 06:44	1
Chloromethane	1.1		1.0		ug/m3			12/31/22 06:44	1
n-Butane	24		1.2		ug/m3			12/31/22 06:44	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/31/22 06:44	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/31/22 06:44	1
Bromomethane	0.78	U	0.78		ug/m3			12/31/22 06:44	1
Chloroethane	1.3	U	1.3		ug/m3			12/31/22 06:44	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/31/22 06:44	1
Trichlorofluoromethane	1.2		1.1		ug/m3			12/31/22 06:44	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/31/22 06:44	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 06:44	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: AMBIENT AIR-122122

Lab Sample ID: 480-205080-5

Date Collected: 12/21/22 15:20

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	12	U	12		ug/m3			12/31/22 06:44	1
Isopropyl alcohol	12	U	12		ug/m3			12/31/22 06:44	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/31/22 06:44	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/31/22 06:44	1
Methylene Chloride	1.7	U	1.7		ug/m3			12/31/22 06:44	1
tert-Butyl alcohol	15	U	15		ug/m3			12/31/22 06:44	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/31/22 06:44	1
trans-1,2-Dichloroethene	0.79	U	0.79		ug/m3			12/31/22 06:44	1
n-Hexane	1.8	U	1.8		ug/m3			12/31/22 06:44	1
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 06:44	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5		ug/m3			12/31/22 06:44	1
cis-1,2-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 06:44	1
Chloroform	0.98	U	0.98		ug/m3			12/31/22 06:44	1
Tetrahydrofuran	15	U	15		ug/m3			12/31/22 06:44	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 06:44	1
Cyclohexane	0.69	U	0.69		ug/m3			12/31/22 06:44	1
Carbon tetrachloride	0.31		0.22		ug/m3			12/31/22 06:44	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/31/22 06:44	1
Benzene	0.92		0.64		ug/m3			12/31/22 06:44	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 06:44	1
n-Heptane	0.82	U	0.82		ug/m3			12/31/22 06:44	1
Trichloroethene	0.20	U	0.20		ug/m3			12/31/22 06:44	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/31/22 06:44	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/31/22 06:44	1
1,4-Dioxane	18	U	18		ug/m3			12/31/22 06:44	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/31/22 06:44	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 06:44	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0		ug/m3			12/31/22 06:44	1
Toluene	1.5		0.75		ug/m3			12/31/22 06:44	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 06:44	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 06:44	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/31/22 06:44	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/31/22 06:44	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/31/22 06:44	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/31/22 06:44	1
Chlorobenzene	0.92	U	0.92		ug/m3			12/31/22 06:44	1
Ethylbenzene	0.87	U	0.87		ug/m3			12/31/22 06:44	1
m,p-Xylene	2.2	U	2.2		ug/m3			12/31/22 06:44	1
o-Xylene	0.87	U	0.87		ug/m3			12/31/22 06:44	1
Styrene	0.85	U	0.85		ug/m3			12/31/22 06:44	1
Bromoform	2.1	U	2.1		ug/m3			12/31/22 06:44	1
Cumene	0.98	U	0.98		ug/m3			12/31/22 06:44	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/31/22 06:44	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/31/22 06:44	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/31/22 06:44	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 06:44	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/31/22 06:44	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 06:44	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: AMBIENT AIR-122122

Lab Sample ID: 480-205080-5

Date Collected: 12/21/22 15:20

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 06:44	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 06:44	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/31/22 06:44	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 06:44	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 06:44	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/31/22 06:44	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 06:44	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 06:44	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/31/22 06:44	1
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/31/22 06:44	1
Naphthalene	2.6	U	2.6		ug/m3			12/31/22 06:44	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Chloromethane	0.55		0.50		ppb v/v			12/31/22 06:44	1
n-Butane	10		0.50		ppb v/v			12/31/22 06:44	1
Vinyl chloride	0.078	U	0.078		ppb v/v			12/31/22 06:44	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Bromomethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Chloroethane	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Trichlorofluoromethane	0.22		0.20		ppb v/v			12/31/22 06:44	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 06:44	1
Acetone	5.0	U	5.0		ppb v/v			12/31/22 06:44	1
Isopropyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 06:44	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
Methylene Chloride	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 06:44	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
trans-1,2-Dichloroethene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
n-Hexane	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
cis-1,2-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 06:44	1
Chloroform	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/31/22 06:44	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Cyclohexane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Carbon tetrachloride	0.049		0.035		ppb v/v			12/31/22 06:44	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Benzene	0.29		0.20		ppb v/v			12/31/22 06:44	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
n-Heptane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Trichloroethene	0.037	U	0.037		ppb v/v			12/31/22 06:44	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/31/22 06:44	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: AMBIENT AIR-122122

Lab Sample ID: 480-205080-5

Date Collected: 12/21/22 15:20

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/31/22 06:44	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
Toluene	0.41		0.20		ppb v/v			12/31/22 06:44	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Ethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
m,p-Xylene	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
o-Xylene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Styrene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Bromoform	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Cumene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,2,4-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
sec-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Naphthalene	0.50	U	0.50		ppb v/v			12/31/22 06:44	1

QC Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-187162/6

Matrix: Air

Analysis Batch: 187162

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		ug/m3			12/30/22 13:41	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/30/22 13:41	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/30/22 13:41	1
Chloromethane	1.0	U	1.0		ug/m3			12/30/22 13:41	1
n-Butane	1.2	U	1.2		ug/m3			12/30/22 13:41	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/30/22 13:41	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/30/22 13:41	1
Bromomethane	0.78	U	0.78		ug/m3			12/30/22 13:41	1
Chloroethane	1.3	U	1.3		ug/m3			12/30/22 13:41	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/30/22 13:41	1
Trichlorofluoromethane	1.1	U	1.1		ug/m3			12/30/22 13:41	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/30/22 13:41	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/30/22 13:41	1
Acetone	12	U	12		ug/m3			12/30/22 13:41	1
Isopropyl alcohol	12	U	12		ug/m3			12/30/22 13:41	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/30/22 13:41	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/30/22 13:41	1
Methylene Chloride	1.7	U	1.7		ug/m3			12/30/22 13:41	1
tert-Butyl alcohol	15	U	15		ug/m3			12/30/22 13:41	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/30/22 13:41	1
trans-1,2-Dichloroethene	0.79	U	0.79		ug/m3			12/30/22 13:41	1
n-Hexane	1.8	U	1.8		ug/m3			12/30/22 13:41	1
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/30/22 13:41	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5		ug/m3			12/30/22 13:41	1
cis-1,2-Dichloroethene	0.20	U	0.20		ug/m3			12/30/22 13:41	1
Chloroform	0.98	U	0.98		ug/m3			12/30/22 13:41	1
Tetrahydrofuran	15	U	15		ug/m3			12/30/22 13:41	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/30/22 13:41	1
Cyclohexane	0.69	U	0.69		ug/m3			12/30/22 13:41	1
Carbon tetrachloride	0.22	U	0.22		ug/m3			12/30/22 13:41	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/30/22 13:41	1
Benzene	0.64	U	0.64		ug/m3			12/30/22 13:41	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/30/22 13:41	1
n-Heptane	0.82	U	0.82		ug/m3			12/30/22 13:41	1
Trichloroethene	0.20	U	0.20		ug/m3			12/30/22 13:41	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/30/22 13:41	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/30/22 13:41	1
1,4-Dioxane	18	U	18		ug/m3			12/30/22 13:41	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/30/22 13:41	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/30/22 13:41	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0		ug/m3			12/30/22 13:41	1
Toluene	0.75	U	0.75		ug/m3			12/30/22 13:41	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/30/22 13:41	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/30/22 13:41	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/30/22 13:41	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/30/22 13:41	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/30/22 13:41	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/30/22 13:41	1

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QC Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-187162/6

Matrix: Air

Analysis Batch: 187162

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92		ug/m3			12/30/22 13:41	1
Ethylbenzene	0.87	U	0.87		ug/m3			12/30/22 13:41	1
m,p-Xylene	2.2	U	2.2		ug/m3			12/30/22 13:41	1
o-Xylene	0.87	U	0.87		ug/m3			12/30/22 13:41	1
Styrene	0.85	U	0.85		ug/m3			12/30/22 13:41	1
Bromoform	2.1	U	2.1		ug/m3			12/30/22 13:41	1
Cumene	0.98	U	0.98		ug/m3			12/30/22 13:41	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/30/22 13:41	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/30/22 13:41	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/30/22 13:41	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/30/22 13:41	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/30/22 13:41	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 13:41	1
1,2,4-Trimethylbenzene	0.98	U	0.98		ug/m3			12/30/22 13:41	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 13:41	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/30/22 13:41	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 13:41	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 13:41	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/30/22 13:41	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/30/22 13:41	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/30/22 13:41	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/30/22 13:41	1
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/30/22 13:41	1
Naphthalene	2.6	U	2.6		ug/m3			12/30/22 13:41	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Chloromethane	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
n-Butane	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
Vinyl chloride	0.078	U	0.078		ppb v/v			12/30/22 13:41	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Bromomethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Chloroethane	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Trichlorofluoromethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/30/22 13:41	1
Acetone	5.0	U	5.0		ppb v/v			12/30/22 13:41	1
Isopropyl alcohol	5.0	U	5.0		ppb v/v			12/30/22 13:41	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
Methylene Chloride	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/30/22 13:41	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
trans-1,2-Dichloroethene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
n-Hexane	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1

Eurofins Buffalo

QC Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-187162/6

Matrix: Air

Analysis Batch: 187162

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
cis-1,2-Dichloroethene	0.050	U	0.050		ppb v/v			12/30/22 13:41	1
Chloroform	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/30/22 13:41	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Cyclohexane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Carbon tetrachloride	0.035	U	0.035		ppb v/v			12/30/22 13:41	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Benzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
n-Heptane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Trichloroethene	0.037	U	0.037		ppb v/v			12/30/22 13:41	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/30/22 13:41	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
Toluene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Ethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
m,p-Xylene	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
o-Xylene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Styrene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Bromoform	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Cumene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,2,4-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
sec-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/30/22 13:41	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/30/22 13:41	1

Eurofins Buffalo

QC Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-187162/6

Matrix: Air

Analysis Batch: 187162

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		ppb v/v			12/30/22 13:41	1

Lab Sample ID: LCS 200-187162/5

Matrix: Air

Analysis Batch: 187162

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	54.6		ug/m3		110	61 - 142
Chlorodifluoromethane	35.4	44.5		ug/m3		126	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	75.8		ug/m3		108	71 - 141
Chloromethane	20.6	26.5		ug/m3		128	56 - 141
n-Butane	23.8	31.0		ug/m3		130	53 - 151
Vinyl chloride	25.6	29.2		ug/m3		114	61 - 135
1,3-Butadiene	22.1	24.1		ug/m3		109	58 - 139
Bromomethane	38.8	42.1		ug/m3		108	72 - 124
Chloroethane	26.4	32.4		ug/m3		123	68 - 130
Bromoethene(Vinyl Bromide)	43.7	43.8		ug/m3		100	75 - 125
Trichlorofluoromethane	56.2	58.9		ug/m3		105	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	84.7		ug/m3		111	70 - 121
1,1-Dichloroethene	39.6	40.6		ug/m3		102	68 - 120
Acetone	23.7	34.3		ug/m3		145	54 - 154
Isopropyl alcohol	24.6	29.8		ug/m3		121	53 - 142
Carbon disulfide	31.1	36.6		ug/m3		118	71 - 138
3-Chloropropene	31.3	39.7		ug/m3		127	50 - 150
Methylene Chloride	34.7	46.1		ug/m3		133	59 - 137
tert-Butyl alcohol	30.3	38.0		ug/m3		125	66 - 132
Methyl tert-butyl ether	36.0	41.4		ug/m3		115	70 - 127
trans-1,2-Dichloroethene	39.6	46.6		ug/m3		118	69 - 137
n-Hexane	35.2	42.4		ug/m3		120	63 - 138
1,1-Dichloroethane	40.5	46.4		ug/m3		115	66 - 130
Methyl Ethyl Ketone (2-Butanone)	29.5	32.2		ug/m3		109	72 - 124
cis-1,2-Dichloroethene	39.6	40.7		ug/m3		103	72 - 121
Chloroform	48.8	54.5		ug/m3		112	73 - 124
Tetrahydrofuran	29.5	41.4		ug/m3		140	60 - 149
1,1,1-Trichloroethane	54.6	59.0		ug/m3		108	72 - 127
Cyclohexane	34.4	37.2		ug/m3		108	76 - 124
Carbon tetrachloride	62.9	64.8		ug/m3		103	71 - 133
2,2,4-Trimethylpentane	46.7	56.0		ug/m3		120	68 - 131
Benzene	31.9	34.8		ug/m3		109	73 - 119
1,2-Dichloroethane	40.5	48.9		ug/m3		121	68 - 135
n-Heptane	41.0	53.6		ug/m3		131	60 - 142
Trichloroethene	53.7	53.6		ug/m3		100	73 - 122
Methyl methacrylate	40.9	47.1		ug/m3		115	73 - 129
1,2-Dichloropropane	46.2	54.2		ug/m3		117	69 - 128
1,4-Dioxane	36.0	37.7		ug/m3		105	66 - 129
Bromodichloromethane	67.0	73.1		ug/m3		109	75 - 127
cis-1,3-Dichloropropene	45.4	47.5		ug/m3		105	74 - 125

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QC Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-187162/5

Matrix: Air

Analysis Batch: 187162

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	56.0		ug/m3		137	58 - 144
Toluene	37.7	39.4		ug/m3		105	75 - 122
trans-1,3-Dichloropropene	45.4	50.3		ug/m3		111	74 - 128
1,1,2-Trichloroethane	54.6	58.4		ug/m3		107	75 - 126
Tetrachloroethene	67.8	60.2		ug/m3		89	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	56.1		ug/m3		137	57 - 143
Dibromochloromethane	85.2	87.3		ug/m3		103	73 - 125
1,2-Dibromoethane	76.8	77.6		ug/m3		101	78 - 122
Chlorobenzene	46.0	45.7		ug/m3		99	76 - 119
Ethylbenzene	43.4	45.9		ug/m3		106	74 - 122
m,p-Xylene	86.8	90.4		ug/m3		104	76 - 121
o-Xylene	43.4	44.0		ug/m3		101	73 - 123
Styrene	42.6	44.5		ug/m3		105	74 - 125
Bromoform	103	106		ug/m3		102	53 - 149
Cumene	49.1	50.2		ug/m3		102	73 - 123
1,1,2,2-Tetrachloroethane	68.6	73.1		ug/m3		107	74 - 126
n-Propylbenzene	49.1	51.8		ug/m3		105	73 - 127
4-Ethyltoluene	49.2	50.2		ug/m3		102	75 - 129
1,3,5-Trimethylbenzene	49.2	50.5		ug/m3		103	72 - 126
2-Chlorotoluene	51.8	54.4		ug/m3		105	74 - 126
tert-Butylbenzene	54.9	54.4		ug/m3		99	71 - 125
1,2,4-Trimethylbenzene	49.2	50.5		ug/m3		103	71 - 129
sec-Butylbenzene	54.9	56.5		ug/m3		103	70 - 128
4-Isopropyltoluene	54.9	57.0		ug/m3		104	68 - 130
1,3-Dichlorobenzene	60.1	59.2		ug/m3		99	69 - 131
1,4-Dichlorobenzene	60.1	57.2		ug/m3		95	67 - 132
Benzyl chloride	51.8	54.2		ug/m3		105	60 - 136
n-Butylbenzene	54.9	59.5		ug/m3		108	65 - 137
1,2-Dichlorobenzene	60.1	58.2		ug/m3		97	68 - 129
1,2,4-Trichlorobenzene	74.2	67.5		ug/m3		91	50 - 150
Hexachlorobutadiene	107	89.3		ug/m3		84	58 - 130
Naphthalene	52.4	54.0		ug/m3		103	50 - 150
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	11.0		ppb v/v		110	61 - 142
Chlorodifluoromethane	10	12.6		ppb v/v		126	60 - 147
1,2-Dichlorotetrafluoroethane	10	10.8		ppb v/v		108	71 - 141
Chloromethane	10	12.8		ppb v/v		128	56 - 141
n-Butane	10	13.0		ppb v/v		130	53 - 151
Vinyl chloride	10	11.4		ppb v/v		114	61 - 135
1,3-Butadiene	10	10.9		ppb v/v		109	58 - 139
Bromomethane	10	10.8		ppb v/v		108	72 - 124
Chloroethane	10	12.3		ppb v/v		123	68 - 130
Bromoethene(Vinyl Bromide)	10	10.0		ppb v/v		100	75 - 125
Trichlorofluoromethane	10	10.5		ppb v/v		105	70 - 129
1,1,2-Trichlorotrifluoroethane	10	11.0		ppb v/v		111	70 - 121
1,1-Dichloroethene	10	10.2		ppb v/v		102	68 - 120

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QC Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-187162/5

Matrix: Air

Analysis Batch: 187162

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	10	14.5		ppb v/v		145	54 - 154
Isopropyl alcohol	10	12.1		ppb v/v		121	53 - 142
Carbon disulfide	10	11.8		ppb v/v		118	71 - 138
3-Chloropropene	10	12.7		ppb v/v		127	50 - 150
Methylene Chloride	10	13.3		ppb v/v		133	59 - 137
tert-Butyl alcohol	10	12.5		ppb v/v		125	66 - 132
Methyl tert-butyl ether	10	11.5		ppb v/v		115	70 - 127
trans-1,2-Dichloroethene	10	11.8		ppb v/v		118	69 - 137
n-Hexane	10	12.0		ppb v/v		120	63 - 138
1,1-Dichloroethane	10	11.5		ppb v/v		115	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	10.9		ppb v/v		109	72 - 124
cis-1,2-Dichloroethene	10	10.3		ppb v/v		103	72 - 121
Chloroform	10	11.2		ppb v/v		112	73 - 124
Tetrahydrofuran	10	14.0		ppb v/v		140	60 - 149
1,1,1-Trichloroethane	10	10.8		ppb v/v		108	72 - 127
Cyclohexane	10	10.8		ppb v/v		108	76 - 124
Carbon tetrachloride	10	10.3		ppb v/v		103	71 - 133
2,2,4-Trimethylpentane	10	12.0		ppb v/v		120	68 - 131
Benzene	10	10.9		ppb v/v		109	73 - 119
1,2-Dichloroethane	10	12.1		ppb v/v		121	68 - 135
n-Heptane	10	13.1		ppb v/v		131	60 - 142
Trichloroethene	10	9.97		ppb v/v		100	73 - 122
Methyl methacrylate	10	11.5		ppb v/v		115	73 - 129
1,2-Dichloropropane	10	11.7		ppb v/v		117	69 - 128
1,4-Dioxane	10	10.5		ppb v/v		105	66 - 129
Bromodichloromethane	10	10.9		ppb v/v		109	75 - 127
cis-1,3-Dichloropropene	10	10.5		ppb v/v		105	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	13.7		ppb v/v		137	58 - 144
Toluene	10	10.5		ppb v/v		105	75 - 122
trans-1,3-Dichloropropene	10	11.1		ppb v/v		111	74 - 128
1,1,2-Trichloroethane	10	10.7		ppb v/v		107	75 - 126
Tetrachloroethene	10	8.88		ppb v/v		89	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	13.7		ppb v/v		137	57 - 143
Dibromochloromethane	10	10.3		ppb v/v		103	73 - 125
1,2-Dibromoethane	10	10.1		ppb v/v		101	78 - 122
Chlorobenzene	10	9.93		ppb v/v		99	76 - 119
Ethylbenzene	10	10.6		ppb v/v		106	74 - 122
m,p-Xylene	20	20.8		ppb v/v		104	76 - 121
o-Xylene	10	10.1		ppb v/v		101	73 - 123
Styrene	10	10.4		ppb v/v		105	74 - 125
Bromoform	10	10.2		ppb v/v		102	53 - 149
Cumene	10	10.2		ppb v/v		102	73 - 123
1,1,2,2-Tetrachloroethane	10	10.7		ppb v/v		107	74 - 126
n-Propylbenzene	10	10.5		ppb v/v		105	73 - 127
4-Ethyltoluene	10	10.2		ppb v/v		102	75 - 129
1,3,5-Trimethylbenzene	10	10.3		ppb v/v		103	72 - 126

Eurofins Buffalo

QC Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-187162/5

Matrix: Air

Analysis Batch: 187162

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	10.5		ppb v/v		105	74 - 126
tert-Butylbenzene	10	9.90		ppb v/v		99	71 - 125
1,2,4-Trimethylbenzene	10	10.3		ppb v/v		103	71 - 129
sec-Butylbenzene	10	10.3		ppb v/v		103	70 - 128
4-Isopropyltoluene	10	10.4		ppb v/v		104	68 - 130
1,3-Dichlorobenzene	10	9.85		ppb v/v		99	69 - 131
1,4-Dichlorobenzene	10	9.51		ppb v/v		95	67 - 132
Benzyl chloride	10	10.5		ppb v/v		105	60 - 136
n-Butylbenzene	10	10.8		ppb v/v		108	65 - 137
1,2-Dichlorobenzene	10	9.68		ppb v/v		97	68 - 129
1,2,4-Trichlorobenzene	10	9.10		ppb v/v		91	50 - 150
Hexachlorobutadiene	10	8.37		ppb v/v		84	58 - 130
Naphthalene	10	10.3		ppb v/v		103	50 - 150

QC Association Summary

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Air - GC/MS VOA

Analysis Batch: 187162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205080-1	140-IA-1-122122	Total/NA	Air	TO-15	
480-205080-2	140-SSV-1-122122	Total/NA	Air	TO-15	
480-205080-3	140-IA-2-122122	Total/NA	Air	TO-15	
480-205080-4	140-SSV-2-122122	Total/NA	Air	TO-15	
480-205080-5	AMBIENT AIR-122122	Total/NA	Air	TO-15	
MB 200-187162/6	Method Blank	Total/NA	Air	TO-15	
LCS 200-187162/5	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-IA-1-122122

Date Collected: 12/21/22 15:35

Date Received: 12/29/22 09:45

Lab Sample ID: 480-205080-1

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	187162	TPB	EET BUR	12/31/22 03:09

Client Sample ID: 140-SSV-1-122122

Date Collected: 12/21/22 15:13

Date Received: 12/29/22 09:45

Lab Sample ID: 480-205080-2

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	187162	TPB	EET BUR	12/31/22 04:03

Client Sample ID: 140-IA-2-122122

Date Collected: 12/21/22 15:31

Date Received: 12/29/22 09:45

Lab Sample ID: 480-205080-3

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	187162	TPB	EET BUR	12/31/22 04:57

Client Sample ID: 140-SSV-2-122122

Date Collected: 12/21/22 15:26

Date Received: 12/29/22 09:45

Lab Sample ID: 480-205080-4

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	187162	TPB	EET BUR	12/31/22 05:50

Client Sample ID: AMBIENT AIR-122122

Date Collected: 12/21/22 15:20

Date Received: 12/29/22 09:45

Lab Sample ID: 480-205080-5

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	187162	TPB	EET BUR	12/31/22 06:44

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

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 York	NELAP	10391	04-01-23

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	4-Ethyltoluene
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Chlorodifluoromethane
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)
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
TO-15		Air	Tetrahydrofuran

Method Summary

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-205080-1	140-IA-1-122122	Air	12/21/22 15:35	12/29/22 09:45	Air Canister (6-Liter) #3205
480-205080-2	140-SSV-1-122122	Air	12/21/22 15:13	12/29/22 09:45	Air Canister (6-Liter) #34000438
480-205080-3	140-IA-2-122122	Air	12/21/22 15:31	12/29/22 09:45	Air Canister (6-Liter) #5721
480-205080-4	140-SSV-2-122122	Air	12/21/22 15:26	12/29/22 09:45	Air Canister (6-Liter) #5063
480-205080-5	AMBIENT AIR-122122	Air	12/21/22 15:20	12/29/22 09:45	Air Canister (6-Liter) #4275

TESTAMERICA LAB INC
25 KRAFT AVE
ALBANY NY 12205
US

CAD: 0886598/CRF E3618
Part # 159469-434 MTW EXP 01/13

BILL RECIPIENT

TO **SAMPLE RECEIVING**
TESTAMERICA - BURLINGTON
30 COMMUNITY DRIVE, SUITE 11

BURLINGTON VT 05403
(802) 660-1990
REF: CHA ALBANY LABS

(US)

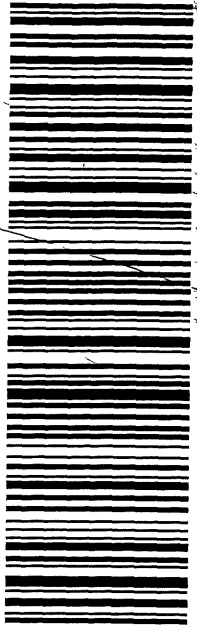
FedEx
Ground

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2 of 3
MPS# **6145 8624 2883**
Mstr# 6145 8624 2872

05403

9622 0422 1 (000 000 0000) 0 00 6145 8624 2883



TESTAMERICA LAB INC
25 KRAFT AVE
ALBANY NY 12205
US

CAD: 0886598/CRF E3618
Part # 159469-434 MTW EXP 01/13

BILL RECIPIENT

TO **SAMPLE RECEIVING**
TESTAMERICA - BURLINGTON
30 COMMUNITY DRIVE, SUITE 11

BURLINGTON VT 05403
(802) 660-1990
REF: CHA ALBANY LABS

(US)

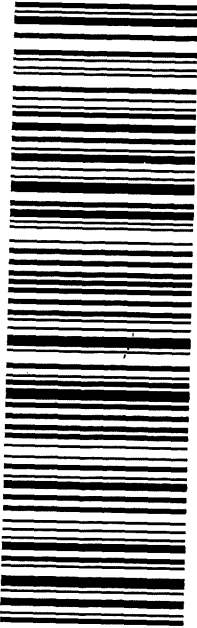
FedEx
Ground

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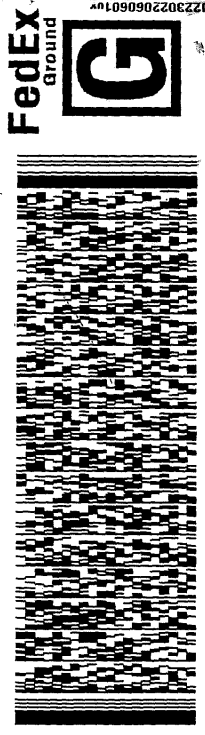
1 of 3
TRK# **6145 8624 2872**
MASTER

05403

9622 0422 1 (000 000 0000) 0 00 6145 8624 2872

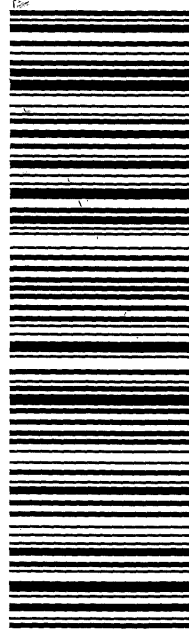


US BILL-RECIPIENT
TO SAMPLE RECEIVING
TESTAMERICA - BURLINGTON
30 COMMUNITY DRIVE, SUITE 11
BURLINGTON VT 05403 (US)
(802) 560-1990
REF: CHA ALBANY LABS



3 of 3
MPS# 6145 8624 2894
Mstr# 6145 8624 2872
05403

9622 0422 1 (000 000 0000) 0 00 6145 8624 2894



1# 159469-434 MTW EXP 01/5

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- 15

Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 480-205080-1

Login Number: 205080

List Source: Eurofins Buffalo

List Number: 1

Creator: Reynolds, Jamie K

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
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.	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 $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.

Canister Cleaning & Pre-Shipment Leak Test

Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

3 Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister

PM Authorization

Date:

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).
Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).
Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).
Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Form ID: FAI023:12

Revision Date: 12/18/2018

TestAmerica Burlington

Loc: 200
65367
#8 A
Air-Storage

200-65367-A-8
5164
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 10/19/2022 12:00 AM 200-1669373

Canister Cleaning & Pre-Shipment Leak Test

¹ Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.
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PM Authorization

Date:

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).
Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).
Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).
Inventory Level Limited: Canisters may only be used for certain projects.
Dup Tees/Vac gauges (enter IDs if included):

TestAmerica Burlington

[illegible]

Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

³ Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister

Clean Canister Certification Analysis & Authorization of Release to Inventory

Inventory Level	Secondary Rev
Test Method: ☒ TO15 Routine ☐ TO15 LL	

Can ID	Date	Sequence	Analyst	1	2	3	4	Limited	Review Date

9282	11/23/22	53420	✓	XXXXXX	11/23/22

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523</

[illegible][illegible][illegible][illegible][illegible][illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

[illegible][illegible][illegible][illegible][illegible]

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).	Comments:

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory level limited: Canisters may only be used for certain projects

Inventory level limited. Containers may only be used for certain projects.

Dup fees/vac gauges (enter IDs if included):

Form ID: FAI023:12

Revision Date: 12/18/2018

Age Group	Number of people
0-10	10
10-20	9
20-30	8
30-40	7
40-50	6
50-60	5
60-70	4
70-80	3
80-90	2
90-100	1

[illegible]

Loc: 200
65854
#7 A
Air-Storag

TestAmerica Burlington

Form ID: FAI023:12
Revision Date: 12/18/2018

Canister Cleaning & Pre-Shipment Leak Test

¹ Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

² Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

PM Authorization

Clean Canister

Inventory Level

[illegible]

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

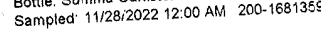
Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

Air-Storage



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-65367-1
 SDG No.: _____
 Client Sample ID: 5164 Lab Sample ID: 200-65367-8
 Matrix: Air Lab File ID: 52943-05.D
 Analysis Method: TO-15 Date Collected: 10/19/2022 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 10/20/2022 10:41
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 184869 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

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 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 184869 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040

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Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 184869 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U **	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20221020-52943.b\52943-05.D
 Lims ID: 200-65367-A-8
 Client ID: 5164
 Sample Type: Client
 Inject. Date: 20-Oct-2022 10:41:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0052943-005
 Operator ID: vtp Instrument ID: CHX.i
 Method: \\chromfs\Burlington\ChromData\CHX.i\20221020-52943.b\TO15_MasterMethod_X.m.m
 Limit Group: AI_TO15_ICAL
 Last Update: 21-Oct-2022 08:08:00 Calib Date: 05-Oct-2022 01:42:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20221004-52704.b\52704-13.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1626

First Level Reviewer: bunmaa

Date: 21-Oct-2022 08:08:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.343				ND	7
3 Dichlorodifluoromethane	85		4.440				ND	
4 Chlorodifluoromethane	51		4.477				ND	7
5 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.793				ND	
6 Chloromethane	50		4.910				ND	7
7 Vinyl chloride	62		5.215				ND	
8 Butane	43		5.226				ND	7
9 Butadiene	54		5.328				ND	7
10 Bromomethane	94		6.028				ND	
12 Chloroethane	64		6.291				ND	
14 Vinyl bromide	106		6.708				ND	
15 Trichlorofluoromethane	101		6.868				ND	
17 Ethanol	45	7.296	7.296	0.080	98	2909	0.1548	M
20 1,1-Dichloroethene	96		7.906				ND	
21 1,1,2-Trichloro-1,2,2-trifluoro	101		7.949				ND	
22 Acetone	43		7.986				ND	7
23 Isopropyl alcohol	45		8.297				ND	7
24 Carbon disulfide	76		8.329				ND	7
27 3-Chloro-1-propene	41		8.591				ND	7
28 Methylene Chloride	49		8.810				ND	7
29 2-Methyl-2-propanol	59		9.088				ND	
32 trans-1,2-Dichloroethene	61		9.319				ND	
31 Methyl tert-butyl ether	73		9.351				ND	
S 33 1,2-Dichloroethene, Total	61		9.665				ND	7
34 Hexane	57		9.827				ND	
36 1,1-Dichloroethane	63		10.067				ND	
35 Vinyl acetate	43		10.078				ND	
37 2-Butanone (MEK)	72		11.025				ND	
38 cis-1,2-Dichloroethene	96		11.046				ND	
39 Ethyl acetate	88		11.116				ND	
* 40 Chlorobromomethane	128	11.458	11.458	0.000	79	255918	10.0	
41 Tetrahydrofuran	42		11.528				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
42 Chloroform	83		11.630				ND	
43 1,1,1-Trichloroethane	97		11.945				ND	
44 Cyclohexane	84		12.100				ND	
45 Carbon tetrachloride	117		12.234				ND	
46 Benzene	78		12.566				ND	7
47 1,2-Dichloroethane	62		12.635				ND	
48 Isooctane	57		12.790				ND	
49 n-Heptane	43		13.095				ND	7
* 50 1,4-Difluorobenzene	114	13.293	13.293	0.000	94	1290812	10.0	
52 Trichloroethene	95		13.732				ND	
55 1,2-Dichloropropane	63		14.181				ND	
56 Methyl methacrylate	69		14.262				ND	
58 Dibromomethane	174		14.337				ND	7
57 1,4-Dioxane	88		14.342				ND	
59 Dichlorobromomethane	83		14.641				ND	
60 cis-1,3-Dichloropropene	75		15.439				ND	
62 4-Methyl-2-pentanone (MIBK)	43		15.706				ND	
63 Toluene	92		16.086				ND	7
67 trans-1,3-Dichloropropene	75		16.482				ND	
68 1,1,2-Trichloroethane	83		16.862				ND	
69 Tetrachloroethene	166		17.076				ND	
70 2-Hexanone	43		17.397				ND	
71 Chlorodibromomethane	129		17.605				ND	
72 Ethylene Dibromide	107		17.851				ND	
* 73 Chlorobenzene-d5	117	18.750	18.750	0.000	87	1136001	10.0	
74 Chlorobenzene	112		18.814				ND	7
75 Ethylbenzene	91		19.001				ND	MU
76 m-Xylene & p-Xylene	106		19.269				ND	7
S 78 Xylenes, Total	106		19.600				ND	7
79 o-Xylene	106		20.034				ND	
80 Styrene	104		20.071				ND	7
81 Bromoform	173		20.425				ND	
82 Isopropylbenzene	105		20.735				ND	7
83 1,1,2,2-Tetrachloroethane	83		21.243				ND	7
85 N-Propylbenzene	91		21.457				ND	7
86 2-Chlorotoluene	91		21.601				ND	7
87 4-Ethyltoluene	105		21.655				ND	7
88 1,3,5-Trimethylbenzene	105		21.746				ND	7
91 tert-Butylbenzene	119		22.233				ND	
92 1,2,4-Trimethylbenzene	105		22.318				ND	MU
93 sec-Butylbenzene	105		22.559				ND	7
94 1,3-Dichlorobenzene	146		22.730				ND	7
95 4-Isopropyltoluene	119		22.773				ND	7
96 1,4-Dichlorobenzene	146	22.875	22.875	0.000	91	1927	0.0134	
97 Benzyl chloride	91	23.019	23.014	0.005	92	981	0.0101	
98 n-Butylbenzene	91		23.329				ND	7
99 1,2-Dichlorobenzene	146		23.356				ND	7
102 1,2,4-Trichlorobenzene	180	25.790	25.780	0.010	90	2412	0.0174	
103 Hexachlorobutadiene	225		26.026				ND	
104 Naphthalene	128		26.250				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15XISs_00003

Amount Added: 20.00

Units: mL

Run Reagent

1
2
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20221020-52943.b\52943-05.D

Injection Date: 20-Oct-2022 10:41:30

Instrument ID: CHX.i

Operator ID: vtp

Lims ID: 200-65367-A-8

Lab Sample ID: 200-65367-8

Worklist Smp#: 5

Client ID: 5164

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

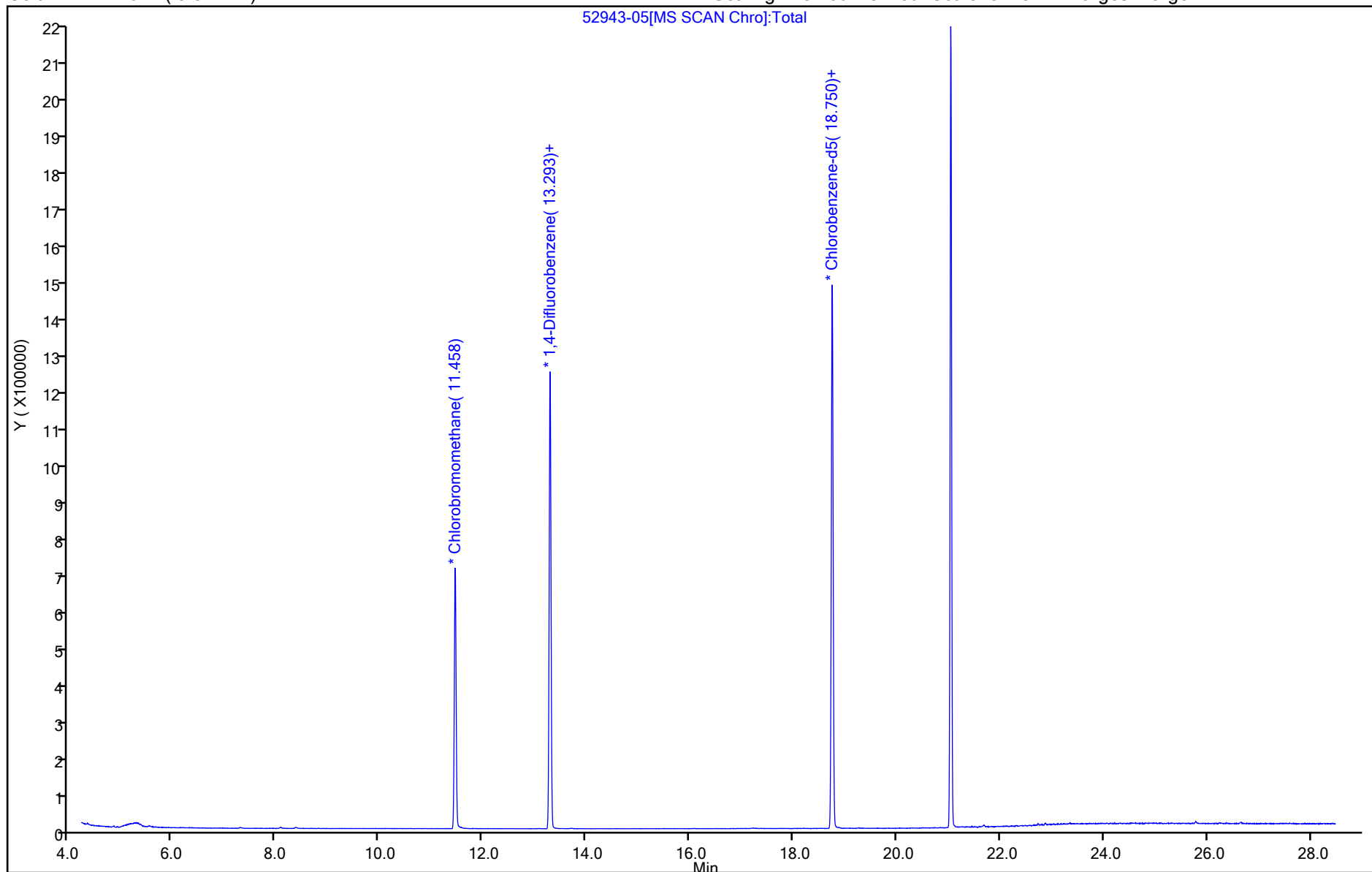
ALS Bottle#: 4

Method: TO15_MasterMethod_X.m

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington

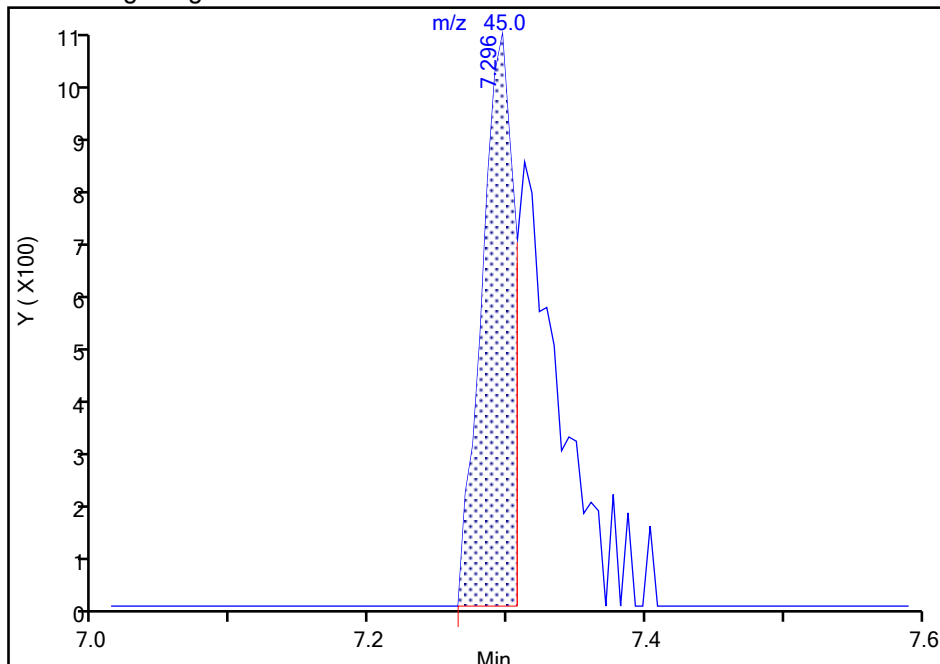
Data File:	\\chromfs\Burlington\ChromData\CHX.i\20221020-52943.b\52943-05.D		
Injection Date:	20-Oct-2022 10:41:30	Instrument ID:	CHX.i
Lims ID:	200-65367-A-8	Lab Sample ID:	200-65367-8
Client ID:	5164		
Operator ID:	vtp	ALS Bottle#:	4
Purge Vol:	200.000 mL	Dil. Factor:	0.2000
Method:	TO15_MasterMethod_X.m	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	5

17 Ethanol, CAS: 64-17-5

Signal: 1

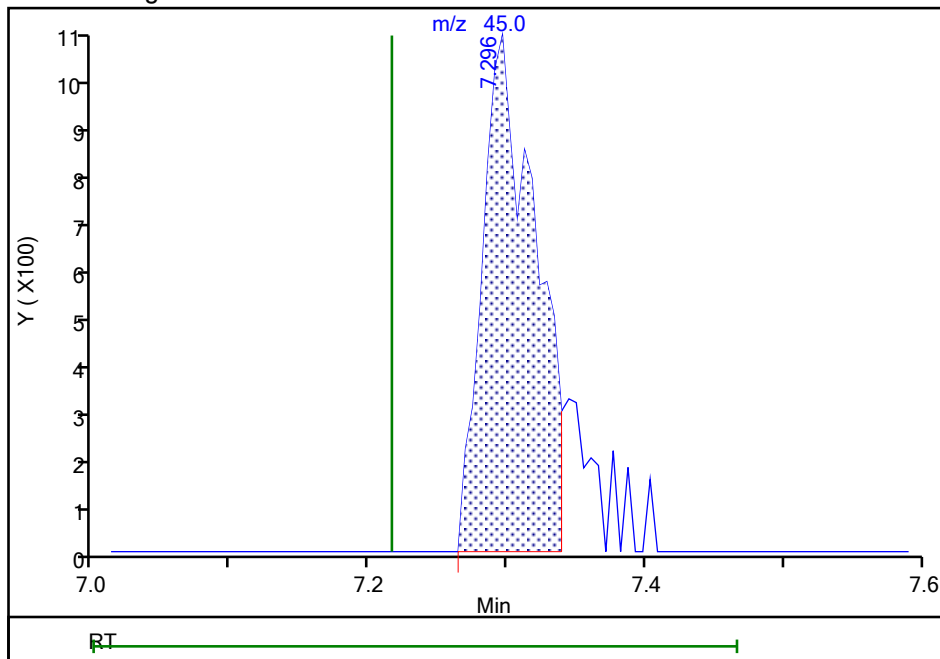
RT: 7.30
Area: 1772
Amount: 0.094270
Amount Units: ppb v/v

Processing Integration Results



RT: 7.30
Area: 2909
Amount: 0.154758
Amount Units: ppb v/v

Manual Integration Results



Reviewer: bunmaa, 21-Oct-2022 08:05:08

Audit Action: Manually Integrated

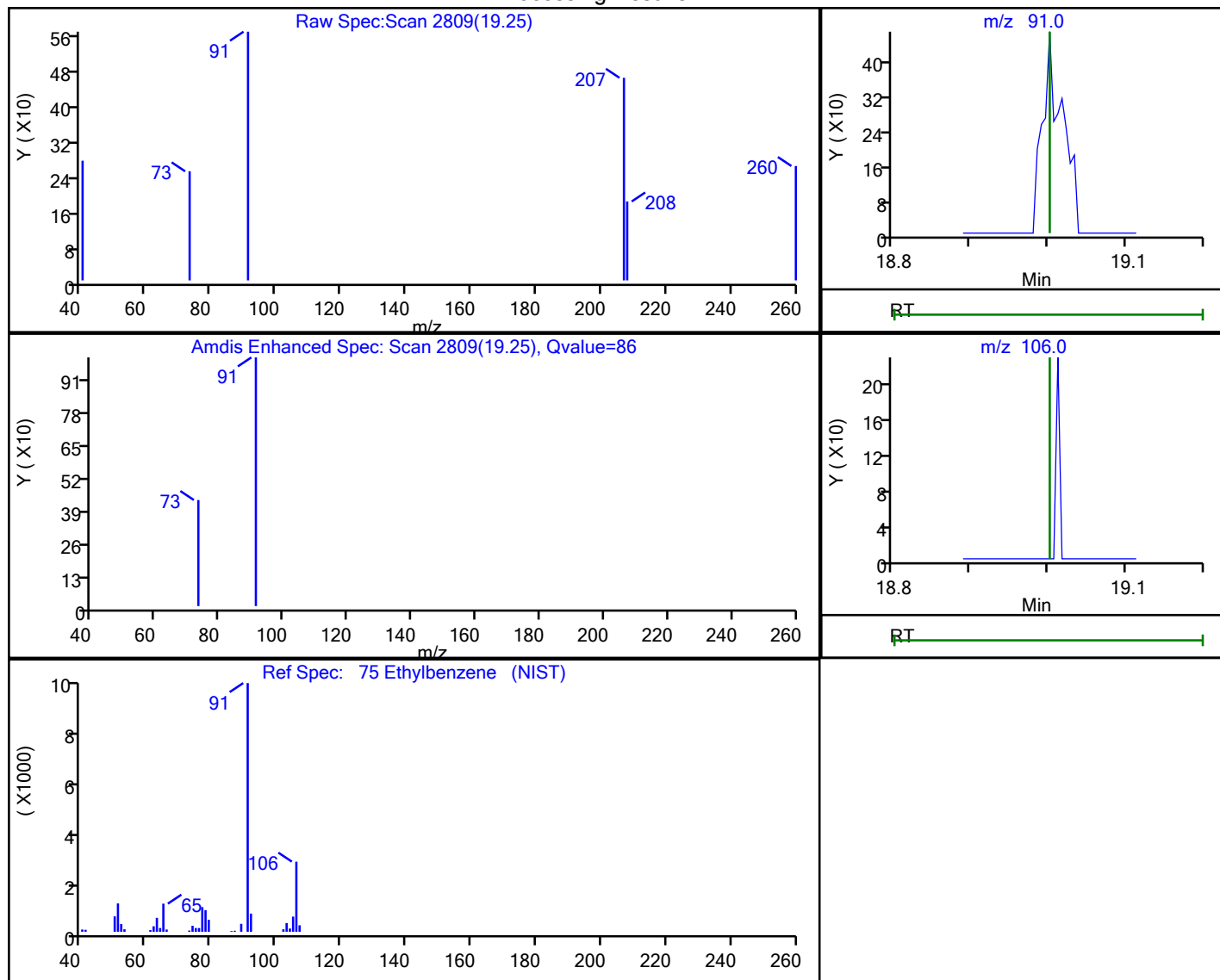
Audit Reason: Assign Peak

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20221020-52943.b\52943-05.D
Injection Date: 20-Oct-2022 10:41:30 Instrument ID: CHX.i
Lims ID: 200-65367-A-8 Lab Sample ID: 200-65367-8
Client ID: 5164
Operator ID: vtp ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15_MasterMethod_X.m Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
19.25	91.00	795	0.003864
19.24	106.00	104	

Reviewer: bunmaa, 21-Oct-2022 08:07:03

Audit Action: Marked Compound Undetected

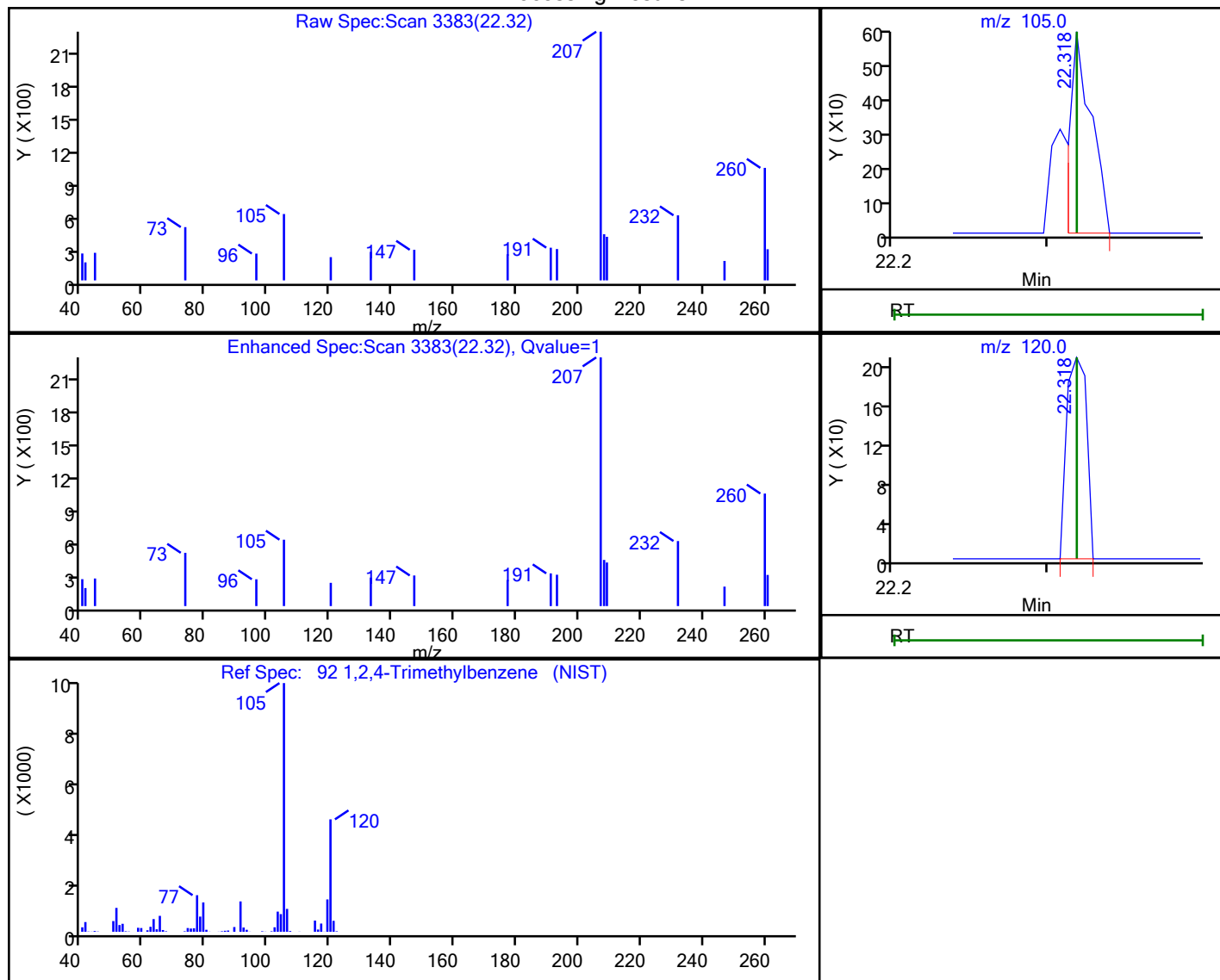
Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20221020-52943.b\52943-05.D
Injection Date: 20-Oct-2022 10:41:30 Instrument ID: CHX.i
Lims ID: 200-65367-A-8 Lab Sample ID: 200-65367-8
Client ID: 5164
Operator ID: vtp ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15_MasterMethod_X.m Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

92 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
22.32	105.00	571	0.002718
22.32	120.00	187	

Reviewer: bunmaa, 21-Oct-2022 08:07:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-65468-1
 SDG No.: _____
 Client Sample ID: 2955 Lab Sample ID: 200-65468-1
 Matrix: Air Lab File ID: 53059-020.d
 Analysis Method: TO-15 Date Collected: 10/25/2022 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 10/28/2022 00:23
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 185139 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.040	U	0.040	0.010
100-42-5	Styrene	0.040	U	0.040	0.012
10061-01-5	1,3-Dichloropropene, cis-	0.040	U	0.040	0.0090
10061-02-6	1,3-Dichloropropene, trans-	0.040	U	0.040	0.011
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.018
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.0084
106-99-0	1,3-Butadiene	0.040	U	0.040	0.0078
107-05-1	Allyl chloride	0.10	U	0.10	0.024
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.019
108-10-1	Methyl isobutyl ketone (MIBK)	0.10	U	0.10	0.026
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.0094
108-88-3	Toluene	0.040	U	0.040	0.0084
108-90-7	Chlorobenzene	0.040	U	0.040	0.0088
109-99-9	Tetrahydrofuran	1.0	U	1.0	0.26
110-54-3	Hexane	0.10	U	0.10	0.022
110-82-7	Cyclohexane	0.040	U	0.040	0.012
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.066
123-91-1	1,4-Dioxane	0.040	U	0.040	0.016
124-48-1	Dibromochloromethane	0.040	U	0.040	0.013
127-18-4	Tetrachloroethene	0.040	U	0.040	0.0042
142-82-5	n-Heptane	0.040	U	0.040	0.011
156-59-2	1,2-Dichloroethene, cis-	0.040	U	0.040	0.0042
156-60-5	1,2-Dichloroethene, trans-	0.040	U	0.040	0.0046
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.0072
179601-23-1	m,p-Xylene	0.10	U	0.10	0.019
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.0076
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.015
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.0044
593-60-2	Vinyl bromide	0.040	U	0.040	0.010
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.0098
64-17-5	Ethanol	1.0	U	1.0	0.52
67-63-0	Isopropanol	1.0	U	1.0	0.32
67-64-1	Acetone	1.0	U	1.0	0.32
67-66-3	Chloroform	0.040	U	0.040	0.0082

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-65468-1
 SDG No.: _____
 Client Sample ID: 2955 Lab Sample ID: 200-65468-1
 Matrix: Air Lab File ID: 53059-020.d
 Analysis Method: TO-15 Date Collected: 10/25/2022 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 10/28/2022 00:23
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 185139 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.040	U	0.040	0.0088
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.0088
74-83-9	Bromomethane	0.040	U	0.040	0.014
74-87-3	Chloromethane	0.10	U	0.10	0.030
75-00-3	Chloroethane	0.10	U	0.10	0.036
75-01-4	Vinyl chloride	0.040	U	0.040	0.0042
75-09-2	Methylene Chloride	0.10	U	0.10	0.036
75-15-0	Carbon disulfide	0.10	U	0.10	0.026
75-25-2	Bromoform	0.040	U	0.040	0.024
75-27-4	Bromodichloromethane	0.040	U	0.040	0.010
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.0050
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.0052
75-65-0	tert-Butyl alcohol	1.0	U	1.0	0.24
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.010
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.022
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.011
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.0096
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.019
78-93-3	Methyl ethyl ketone (MEK)	0.10	U	0.10	0.098
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.015
79-01-6	Trichloroethene	0.040	U	0.040	0.0050
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.0086
80-62-6	Methyl methacrylate	0.10	U	0.10	0.028
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.022
91-20-3	Naphthalene	0.10	U	0.10	0.060
95-47-6	Xylene, o-	0.040	U	0.040	0.010
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.0092
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.013
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.016
591-78-6	2-Hexanone	0.10	U	0.10	0.030

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221027-53059.b\53059-020.d
 Lims ID: 200-65468-A-1
 Client ID: 2955
 Sample Type: Client
 Inject. Date: 28-Oct-2022 00:23:30 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0053059-020
 Misc. Info.: 65468-1
 Operator ID: vtp Instrument ID: CHW.i
 Method: \\chromfs\Burlington\ChromData\CHW.i\20221027-53059.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 28-Oct-2022 09:28:22 Calib Date: 20-Oct-2022 08:22:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20221019-52933.b\52933-021.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1646

First Level Reviewer: BKZ7

Date: 28-Oct-2022 09:29:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.062				ND	
2 Dichlorodifluoromethane	85		4.158				ND	7
3 Chlorodifluoromethane	51		4.201				ND	7
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.506				ND	
5 Chloromethane	50		4.618				ND	7
6 Vinyl chloride	62		4.918				ND	7
7 Butane	43		4.918				ND	7
8 Butadiene	54		5.030				ND	
9 Bromomethane	94		5.736				ND	
10 Chloroethane	64		5.998				ND	
13 Vinyl bromide	106		6.416				ND	
14 Trichlorofluoromethane	101		6.582				ND	
16 Ethanol	45		6.956				ND	7
20 1,1-Dichloroethene	96		7.630				ND	
21 1,1,2-Trichloro-1,2,2-trifluoro	101		7.678				ND	
22 Acetone	43		7.710				ND	
23 Isopropyl alcohol	45		8.015				ND	7
24 Carbon disulfide	76		8.037				ND	7
26 3-Chloro-1-propene	41		8.331				ND	7
27 Methylene Chloride	49		8.556				ND	7
28 2-Methyl-2-propanol	59		8.780				ND	
30 trans-1,2-Dichloroethene	61		9.058				ND	7
31 Methyl tert-butyl ether	73		9.074				ND	7
32 Hexane	57		9.561				ND	
33 1,1-Dichloroethane	63		9.813				ND	
34 Vinyl acetate	43		9.829				ND	7
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
36 2-Butanone (MEK)	72		10.770				ND	
37 cis-1,2-Dichloroethene	96		10.792				ND	
38 Ethyl acetate	88		10.861				ND	
* 39 Chlorobromomethane	128	11.204	11.204	0.000	73	175518	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
40 Tetrahydrofuran	42		11.263				ND	7
41 Chloroform	83		11.386				ND	
42 1,1,1-Trichloroethane	97		11.685				ND	
43 Cyclohexane	84		11.824				ND	
44 Carbon tetrachloride	117		11.963				ND	
45 Benzene	78		12.311				ND	7
46 1,2-Dichloroethane	62		12.381				ND	
47 Isooctane	57		12.530				ND	
48 n-Heptane	43		12.841				ND	7
* 49 1,4-Difluorobenzene	114	13.044	13.044	0.000	95	887734	10.0	
51 Trichloroethene	95		13.477				ND	7
53 1,2-Dichloropropane	63		13.927				ND	
54 Methyl methacrylate	69		14.023				ND	
55 1,4-Dioxane	88		14.071				ND	
57 Dibromomethane	174		14.082				ND	7
58 Dichlorobromomethane	83		14.397				ND	
59 cis-1,3-Dichloropropene	75		15.195				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.462				ND	7
62 Toluene	92		15.837				ND	7
66 trans-1,3-Dichloropropene	75		16.254				ND	
67 1,1,2-Trichloroethane	83		16.628				ND	
68 Tetrachloroethene	166		16.826				ND	
69 2-Hexanone	43		17.046				ND	
70 Chlorodibromomethane	129		17.361				ND	
71 Ethylene Dibromide	107		17.602				ND	
* 73 Chlorobenzene-d5	117	18.512	18.517	-0.005	92	708644	10.0	
74 Chlorobenzene	112		18.570				ND	
75 Ethylbenzene	91		18.768				ND	7
76 m-Xylene & p-Xylene	106		19.025				ND	
78 o-Xylene	106		19.801				ND	
79 Styrene	104		19.838				ND	
S 80 Xylenes, Total	106		20.100				ND	7
81 Bromoform	173		20.197				ND	
82 Isopropylbenzene	105		20.528				ND	
83 1,1,2,2-Tetrachloroethane	83		21.063				ND	7
85 N-Propylbenzene	91		21.266				ND	
86 2-Chlorotoluene	91		21.416				ND	
87 4-Ethyltoluene	105		21.470				ND	7
88 1,3,5-Trimethylbenzene	105		21.571				ND	7
91 tert-Butylbenzene	119		22.058				ND	
92 1,2,4-Trimethylbenzene	105		22.149				ND	
93 sec-Butylbenzene	105		22.390				ND	
94 1,3-Dichlorobenzene	146		22.561				ND	7
95 4-Isopropyltoluene	119		22.609				ND	
96 1,4-Dichlorobenzene	146		22.706				ND	7
97 Benzyl chloride	91		22.850				ND	
98 n-Butylbenzene	91		23.166				ND	
99 1,2-Dichlorobenzene	146		23.187				ND	7
102 1,2,4-Trichlorobenzene	180		25.568				ND	
103 Hexachlorobutadiene	225		25.814				ND	
104 Naphthalene	128		26.028				ND	

[QC Flag Legend](#)

Processing Flags

7 - Failed Limit of Detection

[Reagents:](#)

ATTO15WISs_00009

Amount Added: 20.00

Units: mL

Run Reagent

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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20221027-53059.b\53059-020.d

Injection Date: 28-Oct-2022 00:23:30

Instrument ID: CHW.i

Operator ID: vtp

Lims ID: 200-65468-A-1

Lab Sample ID: 200-65468-1

Worklist Smp#: 20

Client ID: 2955

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

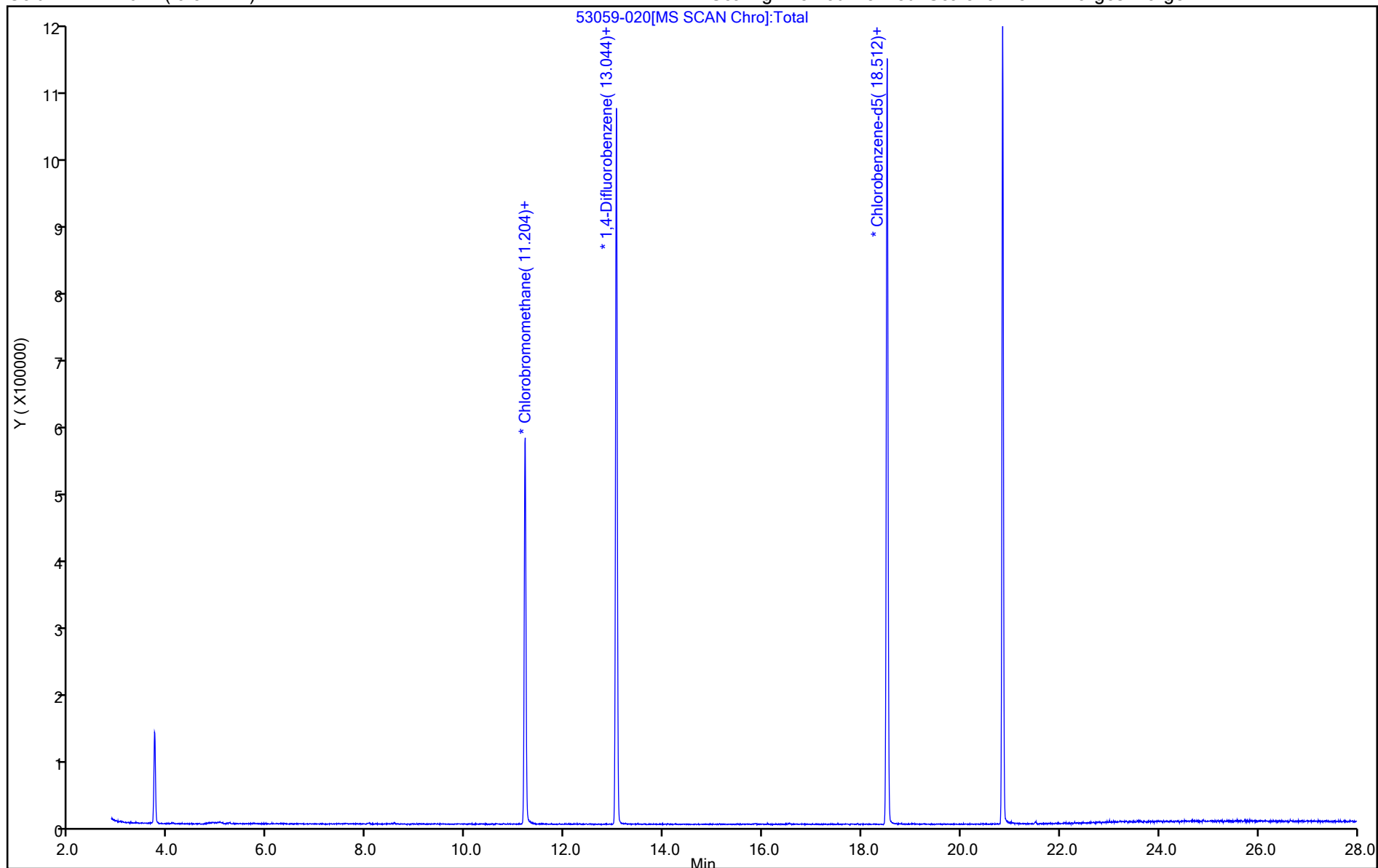
ALS Bottle#: 19

Method: TO15_TO3_MasterMethod_W

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-65854-1
 SDG No.: _____
 Client Sample ID: 9282 Lab Sample ID: 200-65854-7
 Matrix: Air Lab File ID: 200-53420-010.D
 Analysis Method: TO-15 Date Collected: 11/20/2022 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/22/2022 16:12
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 186021 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-65854-1
 SDG No.: _____
 Client Sample ID: 9282 Lab Sample ID: 200-65854-7
 Matrix: Air Lab File ID: 200-53420-010.D
 Analysis Method: TO-15 Date Collected: 11/20/2022 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/22/2022 16:12
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 186021 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-65854-1
 SDG No.: _____
 Client Sample ID: 9282 Lab Sample ID: 200-65854-7
 Matrix: Air Lab File ID: 200-53420-010.D
 Analysis Method: TO-15 Date Collected: 11/20/2022 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/22/2022 16:12
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 186021 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221122-53420.b\200-53420-010.D
 Lims ID: 200-65854-A-7
 Client ID: 9282
 Sample Type: Client
 Inject. Date: 22-Nov-2022 16:12:30 ALS Bottle#: 10 Worklist Smp#: 10
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0053420-010
 Misc. Info.: 65854-7
 Operator ID: vtp Instrument ID: CHG.i
 Method: \\chromfs\Burlington\ChromData\CHG.i\20221122-53420.b\TO15_MasterMethod_(v1)_G.m
 Limit Group: AI_TO15_ICAL
 Last Update: 23-Nov-2022 10:32:14 Calib Date: 22-Nov-2022 00:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHG.i\20221121-53415.b\200-53415-013.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1646

First Level Reviewer: puangmaleek

Date: 23-Nov-2022 10:32:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		3.115				ND	
2 Dichlorodifluoromethane	85		3.174				ND	
3 Chlorodifluoromethane	51		3.195				ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.399				ND	
5 Chloromethane	50		3.479				ND	
6 Vinyl chloride	62		3.682				ND	
7 Butane	43		3.688				ND	
8 Butadiene	54		3.763				ND	
9 Bromomethane	94		4.265				ND	
10 Chloroethane	64		4.463				ND	
12 Vinyl bromide	106		4.784				ND	
13 Trichlorofluoromethane	101		4.913				ND	
15 Ethanol	45		5.223				ND	
18 1,1-Dichloroethene	96		5.817				ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoro	101		5.844				ND	
19 Acetone	43		5.892				ND	
22 Isopropyl alcohol	45		6.154				ND	
23 Carbon disulfide	76		6.197				ND	
25 3-Chloro-1-propene	41		6.453				ND	
26 Methylene Chloride	49		6.673				ND	7
27 2-Methyl-2-propanol	59		6.887				ND	
29 trans-1,2-Dichloroethene	61		7.160				ND	
30 Methyl tert-butyl ether	73		7.176				ND	
31 Hexane	57		7.662				ND	
32 1,1-Dichloroethane	63		7.909				ND	
33 Vinyl acetate	43		7.925				ND	
34 2-Butanone (MEK)	72		8.888				ND	
35 cis-1,2-Dichloroethene	96		8.898				ND	
36 Ethyl acetate	88		8.973				ND	
* 37 Chlorobromomethane	128	9.321	9.315	0.006	71	200647	10.0	
38 Tetrahydrofuran	42		9.385				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
39 Chloroform	83		9.503				ND	
S 43 1,2-Dichloroethene, Total	61		9.665				ND	7
40 1,1,1-Trichloroethane	97		9.824				ND	
41 Cyclohexane	84		9.968				ND	
42 Carbon tetrachloride	117		10.118				ND	
44 Benzene	78		10.492				ND	MU
45 1,2-Dichloroethane	62		10.578				ND	
46 Isooctane	57		10.739				ND	
47 n-Heptane	43		11.081				ND	7
* 48 1,4-Difluorobenzene	114	11.316	11.311	0.005	93	946569	10.0	
50 Trichloroethene	95		11.792				ND	
51 1,2-Dichloropropane	63		12.306				ND	
54 Methyl methacrylate	69		12.429				ND	
53 Dibromomethane	174		12.472				ND	7
55 1,4-Dioxane	88		12.477				ND	
56 Dichlorobromomethane	83		12.825				ND	
58 cis-1,3-Dichloropropene	75		13.718				ND	
59 4-Methyl-2-pentanone (MIBK)	43		14.029				ND	
60 Toluene	92		14.408				ND	7
65 trans-1,3-Dichloropropene	75		14.868				ND	
66 1,1,2-Trichloroethane	83		15.270				ND	
67 Tetrachloroethene	166		15.473				ND	
68 2-Hexanone	43		15.746				ND	
69 Chlorodibromomethane	129		16.045				ND	
70 Ethylene Dibromide	107		16.302				ND	
* 71 Chlorobenzene-d5	117	17.276	17.271	0.006	85	684937	10.0	
72 Chlorobenzene	112		17.335				ND	
73 Ethylbenzene	91		17.549				ND	MU
74 m-Xylene & p-Xylene	106		17.822				ND	
76 o-Xylene	106	18.640	18.640	0.000	1	1034	0.0368	M
77 Styrene	104		18.677				ND	
78 Bromoform	173		19.041				ND	
79 Isopropylbenzene	105		19.400				ND	
S 82 Xylenes, Total	106				0		0.0368	
80 1,1,2,2-Tetrachloroethane	83		19.951				ND	
83 N-Propylbenzene	91		20.159				ND	
84 2-Chlorotoluene	91		20.309				ND	
85 4-Ethyltoluene	105		20.368				ND	7
86 1,3,5-Trimethylbenzene	105		20.470				ND	7
89 tert-Butylbenzene	119		20.972				ND	7
90 1,2,4-Trimethylbenzene	105		21.063				ND	7
91 sec-Butylbenzene	105		21.310				ND	7
92 1,3-Dichlorobenzene	146		21.481				ND	7
93 4-Isopropyltoluene	119		21.529				ND	7
94 1,4-Dichlorobenzene	146		21.625				ND	7
95 Benzyl chloride	91		21.780				ND	
97 n-Butylbenzene	91		22.101				ND	7
96 1,2-Dichlorobenzene	146		22.123				ND	7
100 1,2,4-Trichlorobenzene	180		24.584				ND	7
101 Hexachlorobutadiene	225		24.840				ND	
102 Naphthalene	128		25.065				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15GIS_00019

Amount Added: 20.00

Units: mL

Run Reagent

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221122-53420.b\200-53420-010.D

Injection Date: 22-Nov-2022 16:12:30

Instrument ID: CHG.i

Operator ID: vtp

Lims ID: 200-65854-A-7

Lab Sample ID: 200-65854-7

Worklist Smp#: 10

Client ID: 9282

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

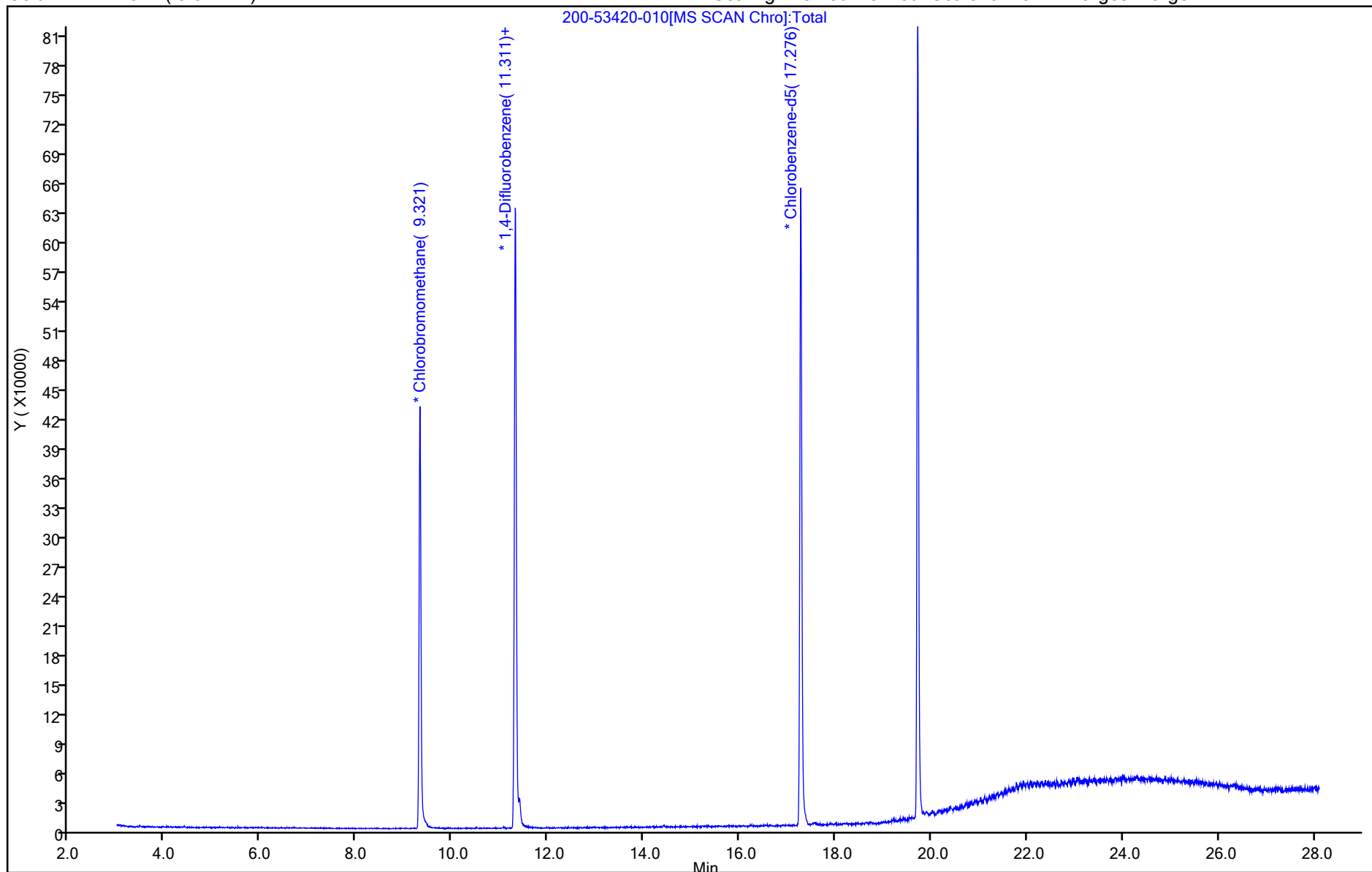
ALS Bottle#: 10

Method: TO15_MasterMethod_(v1)_G

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

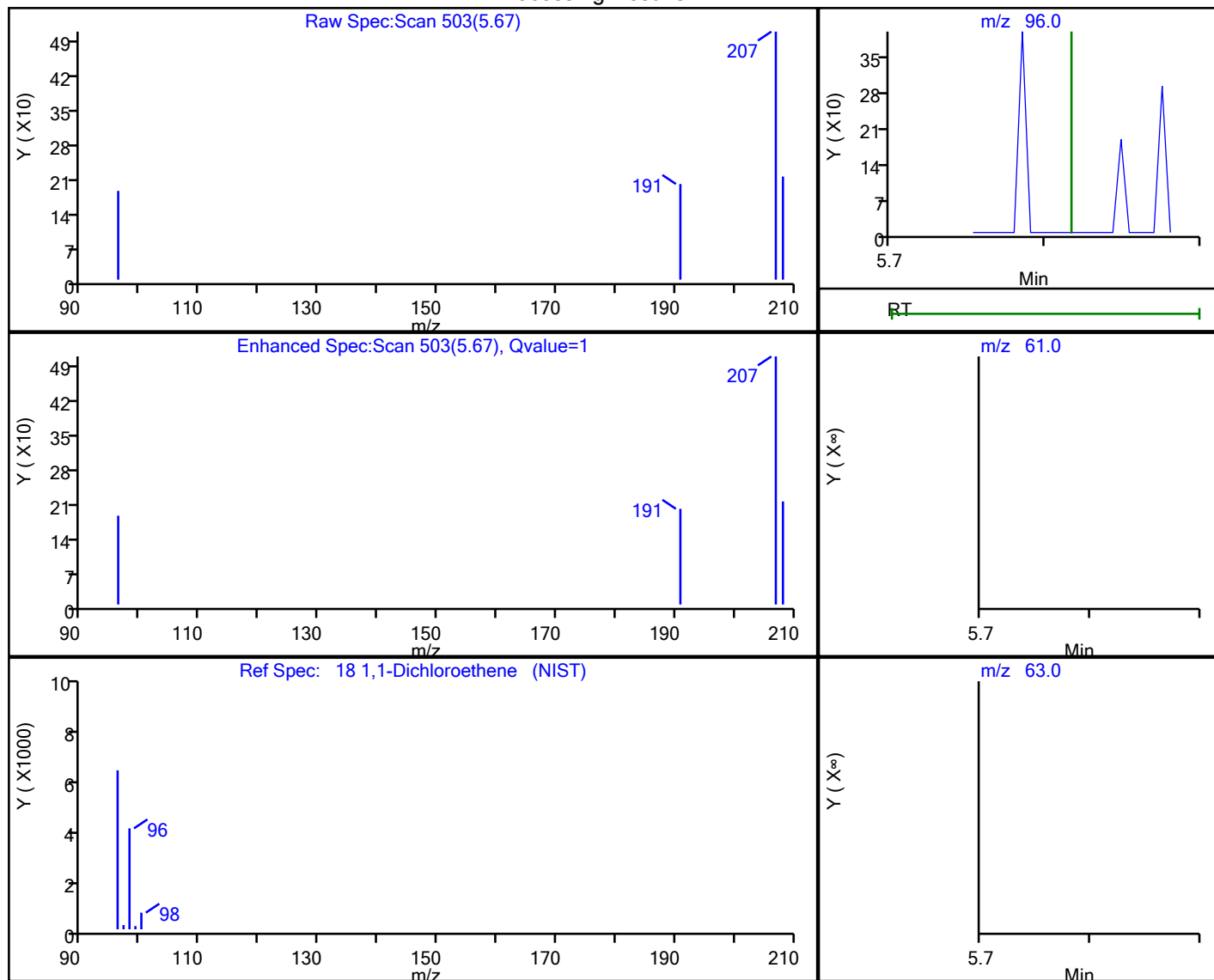


Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221122-53420.b\200-53420-010.D
Injection Date: 22-Nov-2022 16:12:30 Instrument ID: CHG.i
Lims ID: 200-65854-A-7 Lab Sample ID: 200-65854-7
Client ID: 9282
Operator ID: vtp ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15_MasterMethod_(v1)_G Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

18 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
5.67	96.00	109	0.005889
5.82	61.00	0	
5.82	63.00	0	

Reviewer: puangmaleek, 23-Nov-2022 10:30:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221122-53420.b\200-53420-010.D

Injection Date: 22-Nov-2022 16:12:30

Instrument ID: CHG.i

Lims ID: 200-65854-A-7

Lab Sample ID: 200-65854-7

Client ID: 9282

Operator ID: vtp

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

Method: TO15_MasterMethod_(v1)_G

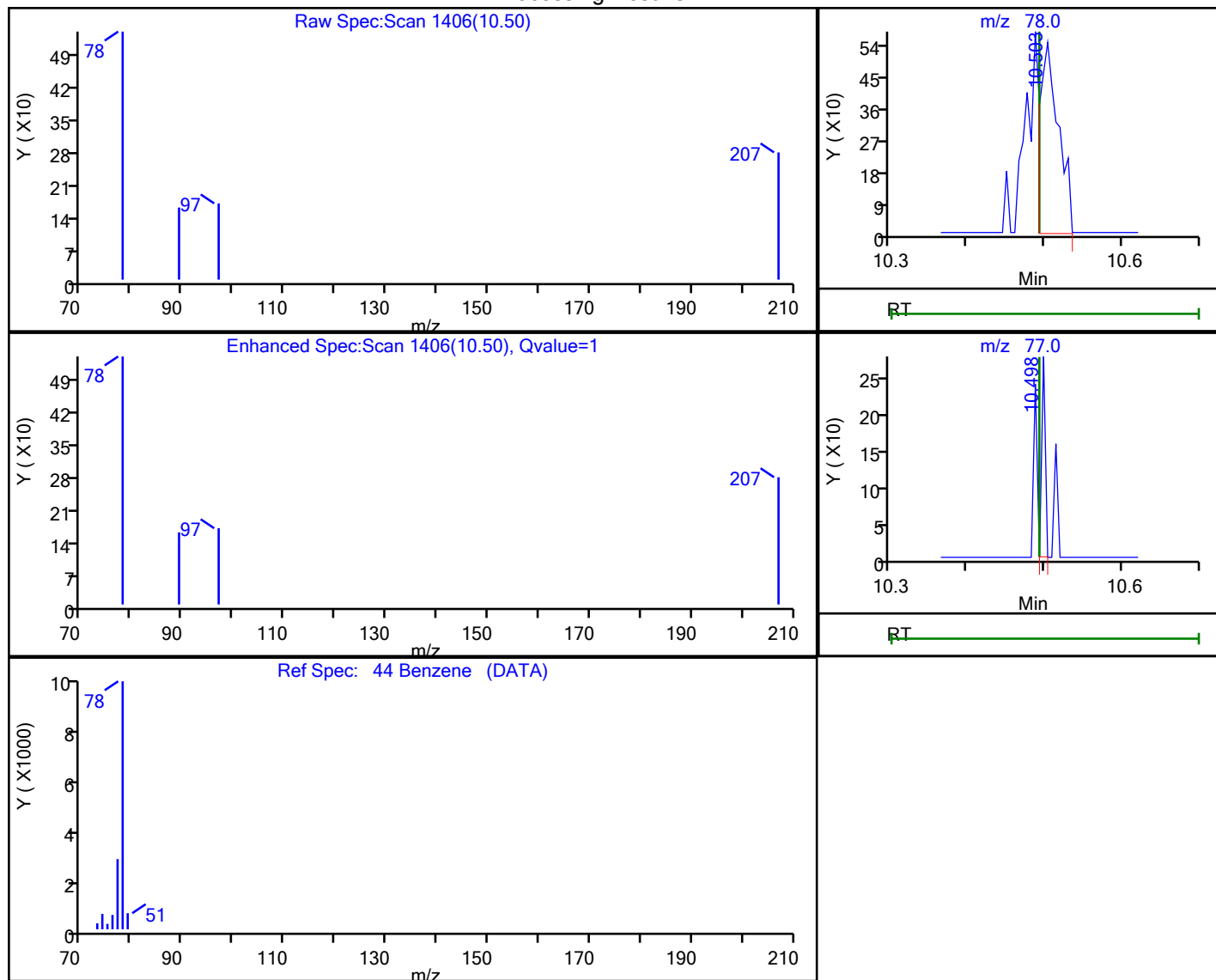
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

44 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
10.50	78.00	889	0.017255
10.50	77.00	89	

Reviewer: puangmaleek, 23-Nov-2022 10:30:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHG.i\20221122-53420.b\200-53420-010.D

Injection Date: 22-Nov-2022 16:12:30

Instrument ID: CHG.i

Lims ID: 200-65854-A-7

Lab Sample ID: 200-65854-7

Client ID: 9282

Operator ID: vtp

ALS Bottle#: 10

Worklist Smp#: 10

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

Method: TO15_MasterMethod_(v1)_G

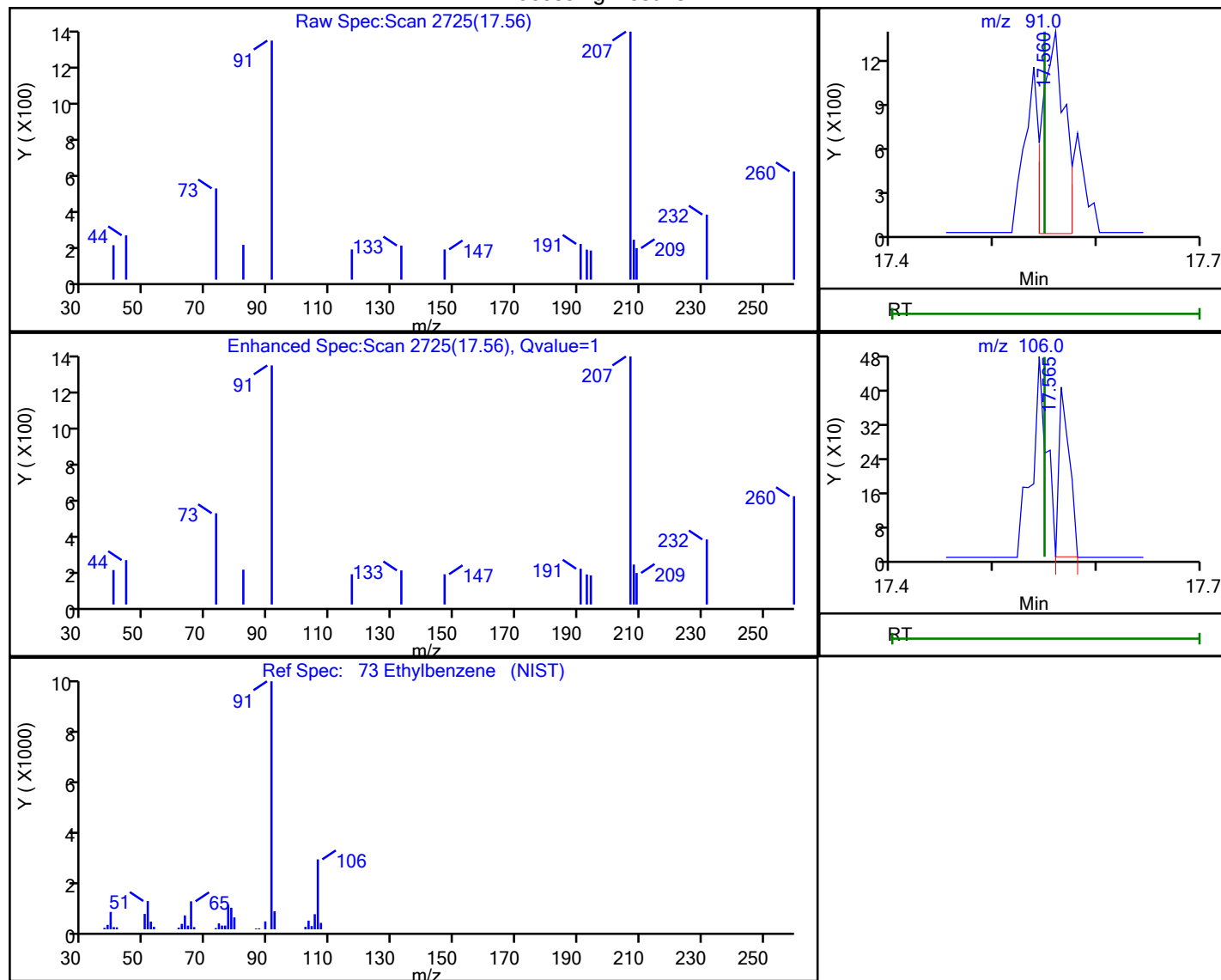
Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Detector: MS SCAN

73 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
17.56	91.00	1917	0.028142
17.56	106.00	283	

Reviewer: puangmaleek, 23-Nov-2022 10:30:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

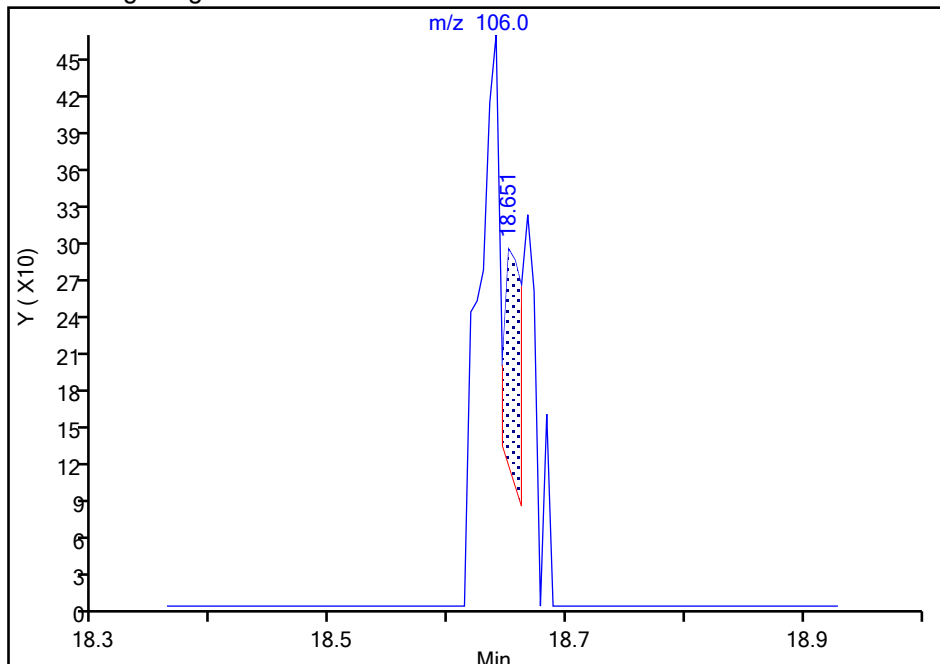
Data File:	\\chromfs\Burlington\ChromData\CHG.i\20221122-53420.b\200-53420-010.D		
Injection Date:	22-Nov-2022 16:12:30	Instrument ID:	CHG.i
Lims ID:	200-65854-A-7	Lab Sample ID:	200-65854-7
Client ID:	9282		
Operator ID:	vtp	ALS Bottle#:	10
Purge Vol:	200.000 mL	Dil. Factor:	0.2000
Method:	TO15_MasterMethod_(v1)_G	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	10

76 o-Xylene, CAS: 95-47-6

Signal: 1

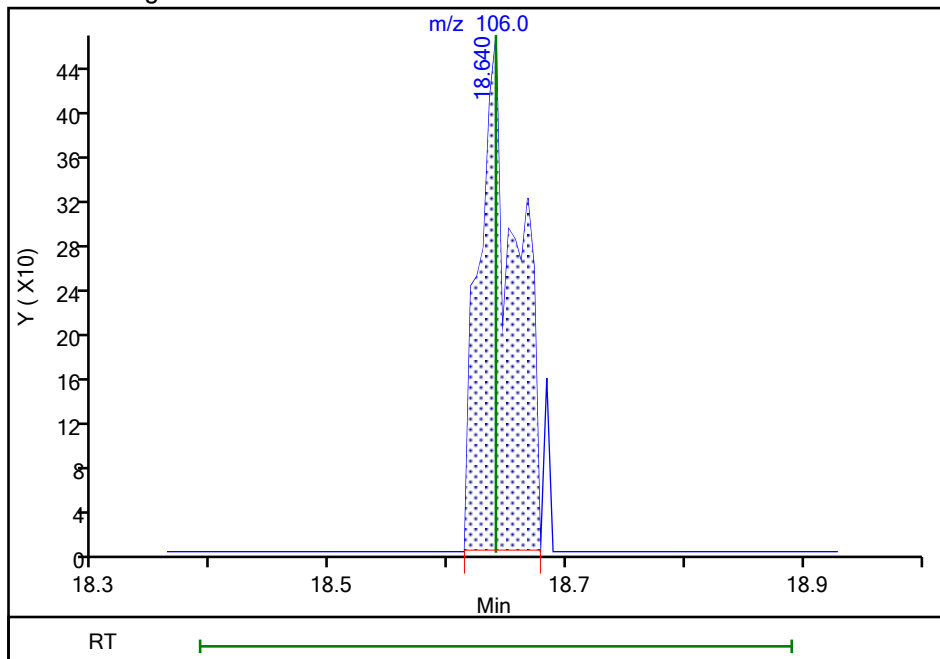
RT: 18.65
Area: 194
Amount: 0.006913
Amount Units: ppb v/v

Processing Integration Results



RT: 18.64
Area: 1034
Amount: 0.036843
Amount Units: ppb v/v

Manual Integration Results



Reviewer: puangmaleek, 23-Nov-2022 10:31:14

Audit Action: Manually Integrated

Audit Reason: Assign Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-65913-1
 SDG No.: _____
 Client Sample ID: 5436 Lab Sample ID: 200-65913-1
 Matrix: Air Lab File ID: 53484-07.D
 Analysis Method: TO-15 Date Collected: 11/28/2022 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/30/2022 12:32
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 186191 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-65913-1
 SDG No.: _____
 Client Sample ID: 5436 Lab Sample ID: 200-65913-1
 Matrix: Air Lab File ID: 53484-07.D
 Analysis Method: TO-15 Date Collected: 11/28/2022 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/30/2022 12:32
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 186191 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-65913-1
 SDG No.: _____
 Client Sample ID: 5436 Lab Sample ID: 200-65913-1
 Matrix: Air Lab File ID: 53484-07.D
 Analysis Method: TO-15 Date Collected: 11/28/2022 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/30/2022 12:32
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 186191 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20221130-53484.b\53484-07.D
 Lims ID: 200-65913-A-1
 Client ID: 5436
 Sample Type: Client
 Inject. Date: 30-Nov-2022 12:32:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0053484-007
 Operator ID: vtp Instrument ID: CHX.i
 Method: \\chromfs\Burlington\ChromData\CHX.i\20221130-53484.b\TO15_MasterMethod_X.m.m
 Limit Group: AI_TO15_ICAL
 Last Update: 01-Dec-2022 09:37:40 Calib Date: 23-Nov-2022 00:49:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20221122-53429.b\53429-13.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1633

First Level Reviewer: puangmaleek

Date: 01-Dec-2022 09:38:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.338				ND	7
3 Dichlorodifluoromethane	85		4.429				ND	
4 Chlorodifluoromethane	51		4.466				ND	7
5 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.782				ND	
6 Chloromethane	50		4.899				ND	7
7 Vinyl chloride	62		5.204				ND	
8 Butane	43		5.215				ND	7
9 Butadiene	54		5.322				ND	7
10 Bromomethane	94		6.018				ND	
12 Chloroethane	64		6.280				ND	
14 Vinyl bromide	106		6.692				ND	
15 Trichlorofluoromethane	101		6.857				ND	
17 Ethanol	45	7.312	7.302	0.101	98	4171	0.1515	
20 1,1-Dichloroethene	96		7.895				ND	
21 1,1,2-Trichloro-1,2,2-trifluoro	101		7.938				ND	
22 Acetone	43		7.981				ND	7
23 Isopropyl alcohol	45		8.297				ND	7
24 Carbon disulfide	76		8.318				ND	
27 3-Chloro-1-propene	41		8.580				ND	7
28 Methylene Chloride	49		8.799				ND	7
29 2-Methyl-2-propanol	59		9.104				ND	
32 trans-1,2-Dichloroethene	61		9.308				ND	
31 Methyl tert-butyl ether	73		9.345				ND	7
S 33 1,2-Dichloroethene, Total	61		9.665				ND	7
34 Hexane	57		9.816				ND	
36 1,1-Dichloroethane	63		10.051				ND	
35 Vinyl acetate	43		10.067				ND	
37 2-Butanone (MEK)	72		11.020				ND	
38 cis-1,2-Dichloroethene	96		11.030				ND	
39 Ethyl acetate	88		11.105				ND	
* 40 Chlorobromomethane	128	11.453	11.442	0.011	84	295741	10.0	
41 Tetrahydrofuran	42		11.522				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
42 Chloroform	83		11.613				ND	
43 1,1,1-Trichloroethane	97		11.934				ND	
44 Cyclohexane	84		12.089				ND	
45 Carbon tetrachloride	117		12.223				ND	
46 Benzene	78		12.555				ND	7
47 1,2-Dichloroethane	62		12.619				ND	
48 Isooctane	57		12.780				ND	
49 n-Heptane	43		13.085				ND	7
* 50 1,4-Difluorobenzene	114	13.282	13.282	0.000	94	1531637	10.0	
52 Trichloroethene	95		13.721				ND	
55 1,2-Dichloropropane	63		14.165				ND	
56 Methyl methacrylate	69		14.256				ND	
58 Dibromomethane	174		14.320				ND	
57 1,4-Dioxane	88		14.347				ND	
59 Dichlorobromomethane	83		14.625				ND	
60 cis-1,3-Dichloropropene	75		15.428				ND	
62 4-Methyl-2-pentanone (MIBK)	43		15.722				ND	
63 Toluene	92		16.070				ND	
67 trans-1,3-Dichloropropene	75		16.471				ND	
68 1,1,2-Trichloroethane	83		16.845				ND	
69 Tetrachloroethene	166		17.065				ND	
70 2-Hexanone	43		17.402				ND	
71 Chlorodibromomethane	129		17.594				ND	
72 Ethylene Dibromide	107		17.835				ND	
* 73 Chlorobenzene-d5	117	18.739	18.739	0.000	88	1303568	10.0	
74 Chlorobenzene	112		18.798				ND	7
75 Ethylbenzene	91		18.991				ND	7
76 m-Xylene & p-Xylene	106		19.258				ND	
S 78 Xylenes, Total	106		19.600				ND	7
79 o-Xylene	106		20.023				ND	
80 Styrene	104		20.061				ND	
81 Bromoform	173		20.414				ND	
82 Isopropylbenzene	105		20.724				ND	
83 1,1,2,2-Tetrachloroethane	83		21.232				ND	7
85 N-Propylbenzene	91		21.446				ND	7
86 2-Chlorotoluene	91		21.591				ND	7
87 4-Ethyltoluene	105		21.644				ND	7
88 1,3,5-Trimethylbenzene	105		21.740				ND	7
91 tert-Butylbenzene	119		22.222				ND	
92 1,2,4-Trimethylbenzene	105		22.307				ND	7
93 sec-Butylbenzene	105		22.548				ND	7
94 1,3-Dichlorobenzene	146		22.725				ND	7
95 4-Isopropyltoluene	119		22.767				ND	7
96 1,4-Dichlorobenzene	146		22.864				ND	7
97 Benzyl chloride	91		23.003				ND	7
98 n-Butylbenzene	91		23.319				ND	7
99 1,2-Dichlorobenzene	146		23.351				ND	7
102 1,2,4-Trichlorobenzene	180		25.769				ND	7
103 Hexachlorobutadiene	225		26.015				ND	
104 Naphthalene	128		26.239				ND	7

[QC Flag Legend](#)

Processing Flags

7 - Failed Limit of Detection

[Reagents:](#)

ATTO15XISs_00003

Amount Added: 20.00

Units: mL

Run Reagent

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20221130-53484.b\53484-07.D

Injection Date: 30-Nov-2022 12:32:30

Instrument ID: CHX.i

Operator ID: vtp

Lims ID: 200-65913-A-1

Lab Sample ID: 200-65913-1

Worklist Smp#: 7

Client ID: 5436

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

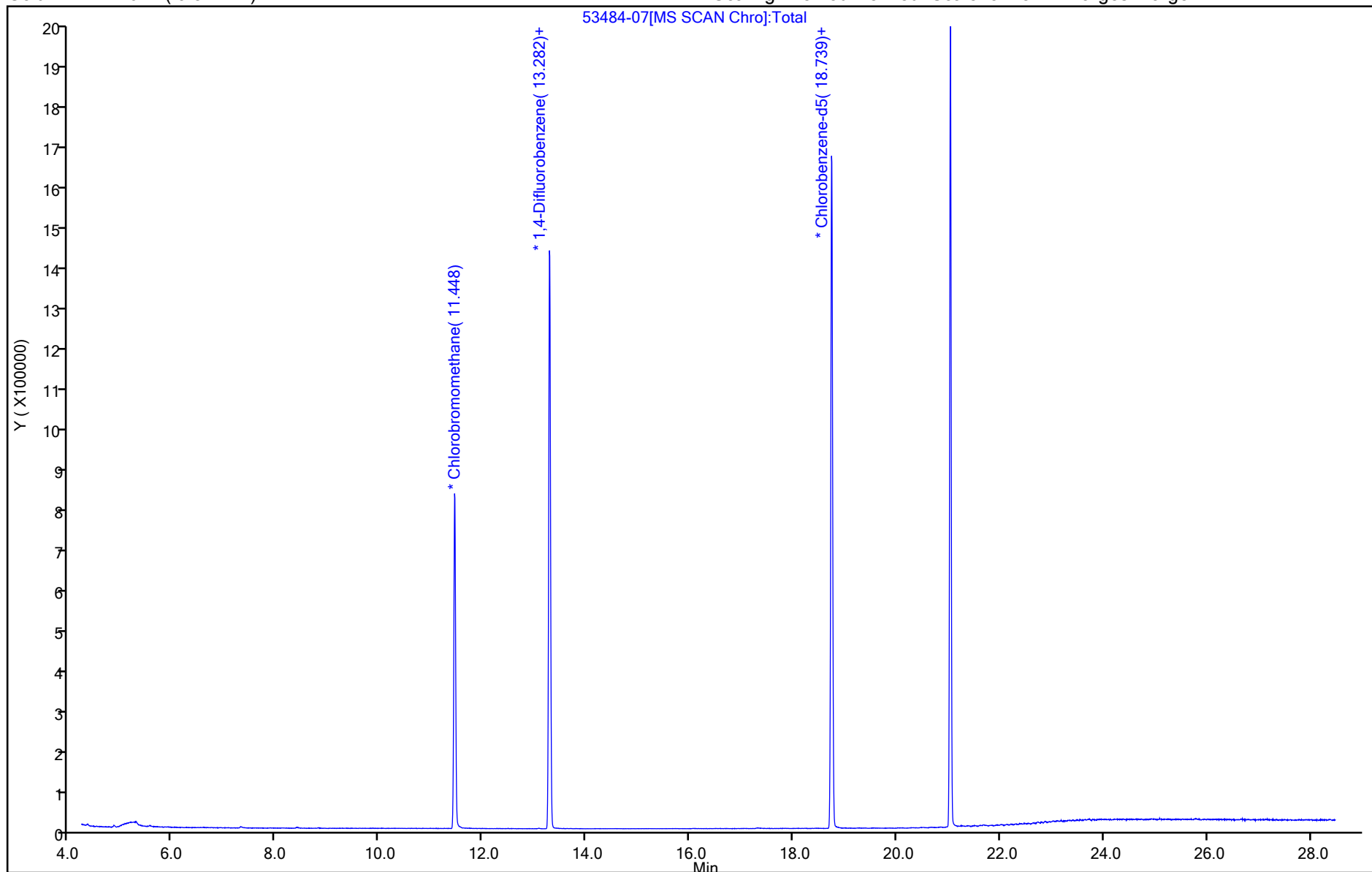
ALS Bottle#: 6

Method: TO15_MasterMethod_X.m

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



APPENDIX C
DATA USABILITY SUMMARY REPORT



Geology

Hydrology

Remediation

Water Supply

January 17, 2023

Mr. John L. Favreau, CHMM
Senior Scientist V
CHA
III Winners Circle
P.O. Box 5269
Albany, New York 12205

Re: Data Validation Report
Former Albany Labs Site
140 and 144 State Street
Air Samples

Dear Mr. Favreau:

The data usability summary reports (DUSRs) and data validation summaries are attached to this letter former Albany Labs 140 and 144 State Street sites, December 2022 soil vapor/air sampling events. The data for Eurofins Environment Testing job numbers 4801-205079-1 and 480-205080-1 are acceptable with some minor issues that are identified and discussed in the validation summaries. There are no data qualified as rejected, unusable (R) in the data packs.

A list of common data validation acronyms is attached to this letter to assist you in interpreting the validation summaries. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist CHA.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA/bms
Via email

z:\projects\2012\12600 - 12620\12612-albany labs\temp review\albany labs-2023.ltr.doc



**Data Usability Summary Report for Eurofins
Environment Testing-Burlington, Job No: 480-205080-1**

**5 Soil Vapor/Air Samples
Collected December 21, 2022**

Prepared by: Donald Anné
January 17, 2023

Geology

Hydrology

Remediation

Water Supply

The data package contains the documentation required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of TO-15 volatile analyses for 5 soil vapor/air samples.

The overall performances of the analyses are acceptable. Eurofins Environment Testing-Burlington did fulfill the requirements of the analytical method.

The data are acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The volatile result for isopropyl alcohol was qualified as estimated (J) in sample 140-IA-2-122122 because the %D for isopropyl alcohol was above the allowable maximum in the associated continuing calibration.

All data are considered usable with estimated (J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation review.

Qualified Data Section

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-IA-1-122122

Lab Sample ID: 480-205080-1

Date Collected: 12/21/22 15:35

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5		ug/m3			12/31/22 03:09	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/31/22 03:09	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/31/22 03:09	1
Chloromethane	1.2		1.0		ug/m3			12/31/22 03:09	1
n-Butane	26		1.2		ug/m3			12/31/22 03:09	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/31/22 03:09	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/31/22 03:09	1
Bromomethane	0.78	U	0.78		ug/m3			12/31/22 03:09	1
Chloroethane	1.3	U	1.3		ug/m3			12/31/22 03:09	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/31/22 03:09	1
Trichlorofluoromethane	1.2		1.1		ug/m3			12/31/22 03:09	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/31/22 03:09	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 03:09	1
Acetone	12		12		ug/m3			12/31/22 03:09	1
Isopropyl alcohol	12	U	12		ug/m3			12/31/22 03:09	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/31/22 03:09	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/31/22 03:09	1
Methylene Chloride	9.7		1.7		ug/m3			12/31/22 03:09	1
tert-Butyl alcohol	15	U	15		ug/m3			12/31/22 03:09	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/31/22 03:09	1
trans-1,2-Dichloroethene	4.0		0.79		ug/m3			12/31/22 03:09	1
n-Hexane	3.9		1.8		ug/m3			12/31/22 03:09	1
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 03:09	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5		ug/m3			12/31/22 03:09	1
cis-1,2-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 03:09	1
Chloroform	0.98	U	0.98		ug/m3			12/31/22 03:09	1
Tetrahydrofuran	15	U	15		ug/m3			12/31/22 03:09	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 03:09	1
Cyclohexane	0.69	U	0.69		ug/m3			12/31/22 03:09	1
Carbon tetrachloride	0.32		0.22		ug/m3			12/31/22 03:09	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/31/22 03:09	1
Benzene	0.89		0.64		ug/m3			12/31/22 03:09	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 03:09	1
n-Heptane	0.82	U	0.82		ug/m3			12/31/22 03:09	1
Trichloroethene	0.20	U	0.20		ug/m3			12/31/22 03:09	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/31/22 03:09	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/31/22 03:09	1
1,4-Dioxane	18	U	18		ug/m3			12/31/22 03:09	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/31/22 03:09	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 03:09	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0		ug/m3			12/31/22 03:09	1
Toluene	1.4		0.75		ug/m3			12/31/22 03:09	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 03:09	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 03:09	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/31/22 03:09	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/31/22 03:09	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/31/22 03:09	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/31/22 03:09	1

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-IA-1-122122

Lab Sample ID: 480-205080-1

Date Collected: 12/21/22 15:35

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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		ug/m3			12/31/22 03:09	1
Ethylbenzene	0.87	U	0.87		ug/m3			12/31/22 03:09	1
m,p-Xylene	2.2	U	2.2		ug/m3			12/31/22 03:09	1
o-Xylene	0.87	U	0.87		ug/m3			12/31/22 03:09	1
Styrene	0.85	U	0.85		ug/m3			12/31/22 03:09	1
Bromoform	2.1	U	2.1		ug/m3			12/31/22 03:09	1
Cumene	0.98	U	0.98		ug/m3			12/31/22 03:09	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/31/22 03:09	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/31/22 03:09	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/31/22 03:09	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 03:09	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/31/22 03:09	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 03:09	1
1,2,4-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 03:09	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 03:09	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/31/22 03:09	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 03:09	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 03:09	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/31/22 03:09	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 03:09	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 03:09	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/31/22 03:09	1
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/31/22 03:09	1
Naphthalene	2.6	U	2.6		ug/m3			12/31/22 03:09	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Chloromethane	0.59		0.50		ppb v/v			12/31/22 03:09	1
n-Butane	11		0.50		ppb v/v			12/31/22 03:09	1
Vinyl chloride	0.078	U	0.078		ppb v/v			12/31/22 03:09	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Bromomethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Chloroethane	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Trichlorofluoromethane	0.21		0.20		ppb v/v			12/31/22 03:09	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 03:09	1
Acetone	5.0		5.0		ppb v/v			12/31/22 03:09	1
Isopropyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 03:09	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
Methylene Chloride	2.8		0.50		ppb v/v			12/31/22 03:09	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 03:09	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
trans-1,2-Dichloroethene	1.0		0.20		ppb v/v			12/31/22 03:09	1
n-Hexane	1.1		0.50		ppb v/v			12/31/22 03:09	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-IA-1-122122

Lab Sample ID: 480-205080-1

Date Collected: 12/21/22 15:35

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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)	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
cis-1,2-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 03:09	1
Chloroform	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/31/22 03:09	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Cyclohexane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Carbon tetrachloride	0.050		0.035		ppb v/v			12/31/22 03:09	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Benzene	0.28		0.20		ppb v/v			12/31/22 03:09	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
n-Heptane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Trichloroethene	0.037	U	0.037		ppb v/v			12/31/22 03:09	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/31/22 03:09	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
Toluene	0.37		0.20		ppb v/v			12/31/22 03:09	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Ethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
m,p-Xylene	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
o-Xylene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Styrene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Bromoform	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Cumene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,2,4-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
sec-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/31/22 03:09	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/31/22 03:09	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-IA-1-122122

Lab Sample ID: 480-205080-1

Date Collected: 12/21/22 15:35

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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		ppb v/v			12/31/22 03:09	1

Client Sample ID: 140-SSV-1-122122

Lab Sample ID: 480-205080-2

Date Collected: 12/21/22 15:13

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5		ug/m3			12/31/22 04:03	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/31/22 04:03	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/31/22 04:03	1
Chloromethane	1.0	U	1.0		ug/m3			12/31/22 04:03	1
n-Butane	20		1.2		ug/m3			12/31/22 04:03	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/31/22 04:03	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/31/22 04:03	1
Bromomethane	0.78	U	0.78		ug/m3			12/31/22 04:03	1
Chloroethane	1.3	U	1.3		ug/m3			12/31/22 04:03	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/31/22 04:03	1
Trichlorofluoromethane	1.2		1.1		ug/m3			12/31/22 04:03	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/31/22 04:03	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 04:03	1
Acetone	12	U	12		ug/m3			12/31/22 04:03	1
Isopropyl alcohol	12	U	12		ug/m3			12/31/22 04:03	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/31/22 04:03	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/31/22 04:03	1
Methylene Chloride	1.7	U	1.7		ug/m3			12/31/22 04:03	1
tert-Butyl alcohol	15	U	15		ug/m3			12/31/22 04:03	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/31/22 04:03	1
trans-1,2-Dichloroethene	2.1		0.79		ug/m3			12/31/22 04:03	1
n-Hexane	1.8	U	1.8		ug/m3			12/31/22 04:03	1
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 04:03	1
Methyl Ethyl Ketone (2-Butanone)	2.8		1.5		ug/m3			12/31/22 04:03	1
cis-1,2-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 04:03	1
Chloroform	0.98	U	0.98		ug/m3			12/31/22 04:03	1
Tetrahydrofuran	15	U	15		ug/m3			12/31/22 04:03	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 04:03	1
Cyclohexane	0.69	U	0.69		ug/m3			12/31/22 04:03	1
Carbon tetrachloride	0.34		0.22		ug/m3			12/31/22 04:03	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/31/22 04:03	1
Benzene	0.64	U	0.64		ug/m3			12/31/22 04:03	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 04:03	1
n-Heptane	0.82	U	0.82		ug/m3			12/31/22 04:03	1
Trichloroethene	0.20	U	0.20		ug/m3			12/31/22 04:03	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/31/22 04:03	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/31/22 04:03	1
1,4-Dioxane	18	U	18		ug/m3			12/31/22 04:03	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/31/22 04:03	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 04:03	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-SSV-1-122122

Lab Sample ID: 480-205080-2

Date Collected: 12/21/22 15:13

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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		ug/m3			12/31/22 04:03	1
Toluene	3.7		0.75		ug/m3			12/31/22 04:03	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 04:03	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 04:03	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/31/22 04:03	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/31/22 04:03	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/31/22 04:03	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/31/22 04:03	1
Chlorobenzene	0.92	U	0.92		ug/m3			12/31/22 04:03	1
Ethylbenzene	1.4		0.87		ug/m3			12/31/22 04:03	1
m,p-Xylene	5.0		2.2		ug/m3			12/31/22 04:03	1
o-Xylene	1.8		0.87		ug/m3			12/31/22 04:03	1
Styrene	2.5		0.85		ug/m3			12/31/22 04:03	1
Bromoform	2.1	U	2.1		ug/m3			12/31/22 04:03	1
Cumene	19		0.98		ug/m3			12/31/22 04:03	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/31/22 04:03	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/31/22 04:03	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/31/22 04:03	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 04:03	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/31/22 04:03	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 04:03	1
1,2,4-Trimethylbenzene	1.4		0.98		ug/m3			12/31/22 04:03	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 04:03	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/31/22 04:03	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 04:03	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 04:03	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/31/22 04:03	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 04:03	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 04:03	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/31/22 04:03	1
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/31/22 04:03	1
Naphthalene	2.6	U	2.6		ug/m3			12/31/22 04:03	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Chloromethane	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
n-Butane	8.4		0.50		ppb v/v			12/31/22 04:03	1
Vinyl chloride	0.078	U	0.078		ppb v/v			12/31/22 04:03	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Bromomethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Chloroethane	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Trichlorofluoromethane	0.22		0.20		ppb v/v			12/31/22 04:03	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 04:03	1
Acetone	5.0	U	5.0		ppb v/v			12/31/22 04:03	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-SSV-1-122122

Lab Sample ID: 480-205080-2

Date Collected: 12/21/22 15:13

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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		ppb v/v			12/31/22 04:03	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
Methylene Chloride	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 04:03	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
trans-1,2-Dichloroethene	0.53		0.20		ppb v/v			12/31/22 04:03	1
n-Hexane	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Methyl Ethyl Ketone (2-Butanone)	0.94		0.50		ppb v/v			12/31/22 04:03	1
cis-1,2-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 04:03	1
Chloroform	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/31/22 04:03	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Cyclohexane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Carbon tetrachloride	0.054		0.035		ppb v/v			12/31/22 04:03	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Benzene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
n-Heptane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Trichloroethene	0.037	U	0.037		ppb v/v			12/31/22 04:03	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/31/22 04:03	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
Toluene	0.98		0.20		ppb v/v			12/31/22 04:03	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Ethylbenzene	0.31		0.20		ppb v/v			12/31/22 04:03	1
m,p-Xylene	1.1		0.50		ppb v/v			12/31/22 04:03	1
o-Xylene	0.41		0.20		ppb v/v			12/31/22 04:03	1
Styrene	0.59		0.20		ppb v/v			12/31/22 04:03	1
Bromoform	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Cumene	3.8		0.20		ppb v/v			12/31/22 04:03	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,2,4-Trimethylbenzene	0.29		0.20		ppb v/v			12/31/22 04:03	1

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-SSV-1-122122

Lab Sample ID: 480-205080-2

Date Collected: 12/21/22 15:13

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA 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		ppb v/v			12/31/22 04:03	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/31/22 04:03	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/31/22 04:03	1
Naphthalene	0.50	U	0.50		ppb v/v			12/31/22 04:03	1

Client Sample ID: 140-IA-2-122122

Lab Sample ID: 480-205080-3

Date Collected: 12/21/22 15:31

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5		ug/m3			12/31/22 04:57	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/31/22 04:57	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/31/22 04:57	1
Chloromethane	1.3		1.0		ug/m3			12/31/22 04:57	1
n-Butane	30		1.2		ug/m3			12/31/22 04:57	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/31/22 04:57	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/31/22 04:57	1
Bromomethane	0.78	U	0.78		ug/m3			12/31/22 04:57	1
Chloroethane	1.3	U	1.3		ug/m3			12/31/22 04:57	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/31/22 04:57	1
Trichlorofluoromethane	1.2		1.1		ug/m3			12/31/22 04:57	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/31/22 04:57	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 04:57	1
Acetone	13		12		ug/m3			12/31/22 04:57	1
Isopropyl alcohol	22	J	12		ug/m3			12/31/22 04:57	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/31/22 04:57	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/31/22 04:57	1
Methylene Chloride	1.7	U	1.7		ug/m3			12/31/22 04:57	1
tert-Butyl alcohol	15	U	15		ug/m3			12/31/22 04:57	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/31/22 04:57	1
trans-1,2-Dichloroethene	4.2		0.79		ug/m3			12/31/22 04:57	1
n-Hexane	1.8	U	1.8		ug/m3			12/31/22 04:57	1
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 04:57	1
Methyl Ethyl Ketone (2-Butanone)	1.7		1.5		ug/m3			12/31/22 04:57	1
cis-1,2-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 04:57	1
Chloroform	0.98	U	0.98		ug/m3			12/31/22 04:57	1
Tetrahydrofuran	15	U	15		ug/m3			12/31/22 04:57	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 04:57	1
Cyclohexane	0.69	U	0.69		ug/m3			12/31/22 04:57	1
Carbon tetrachloride	0.23		0.22		ug/m3			12/31/22 04:57	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/31/22 04:57	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-IA-2-122122

Lab Sample ID: 480-205080-3

Date Collected: 12/21/22 15:31

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.98		0.64		ug/m3			12/31/22 04:57	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 04:57	1
n-Heptane	0.82	U	0.82		ug/m3			12/31/22 04:57	1
Trichloroethene	0.20	U	0.20		ug/m3			12/31/22 04:57	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/31/22 04:57	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/31/22 04:57	1
1,4-Dioxane	18	U	18		ug/m3			12/31/22 04:57	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/31/22 04:57	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 04:57	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0		ug/m3			12/31/22 04:57	1
Toluene	1.8		0.75		ug/m3			12/31/22 04:57	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 04:57	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 04:57	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/31/22 04:57	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/31/22 04:57	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/31/22 04:57	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/31/22 04:57	1
Chlorobenzene	0.92	U	0.92		ug/m3			12/31/22 04:57	1
Ethylbenzene	0.87	U	0.87		ug/m3			12/31/22 04:57	1
m,p-Xylene	2.2	U	2.2		ug/m3			12/31/22 04:57	1
o-Xylene	0.87	U	0.87		ug/m3			12/31/22 04:57	1
Styrene	0.85	U	0.85		ug/m3			12/31/22 04:57	1
Bromoform	2.1	U	2.1		ug/m3			12/31/22 04:57	1
Cumene	0.98	U	0.98		ug/m3			12/31/22 04:57	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/31/22 04:57	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/31/22 04:57	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/31/22 04:57	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 04:57	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/31/22 04:57	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 04:57	1
1,2,4-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 04:57	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 04:57	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/31/22 04:57	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 04:57	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 04:57	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/31/22 04:57	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 04:57	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 04:57	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/31/22 04:57	1
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/31/22 04:57	1
Naphthalene	2.6	U	2.6		ug/m3			12/31/22 04:57	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Chloromethane	0.61		0.50		ppb v/v			12/31/22 04:57	1
n-Butane	13		0.50		ppb v/v			12/31/22 04:57	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-IA-2-122122

Lab Sample ID: 480-205080-3

Date Collected: 12/21/22 15:31

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.078	U	0.078		ppb v/v			12/31/22 04:57	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Bromomethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Chloroethane	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Trichlorofluoromethane	0.21		0.20		ppb v/v			12/31/22 04:57	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 04:57	1
Acetone	5.5		5.0		ppb v/v			12/31/22 04:57	1
Isopropyl alcohol	9.1	J	5.0		ppb v/v			12/31/22 04:57	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
Methylene Chloride	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 04:57	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
trans-1,2-Dichloroethene	1.0		0.20		ppb v/v			12/31/22 04:57	1
n-Hexane	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Methyl Ethyl Ketone (2-Butanone)	0.59		0.50		ppb v/v			12/31/22 04:57	1
cis-1,2-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 04:57	1
Chloroform	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/31/22 04:57	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Cyclohexane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Carbon tetrachloride	0.037		0.035		ppb v/v			12/31/22 04:57	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Benzene	0.31		0.20		ppb v/v			12/31/22 04:57	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
n-Heptane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Trichloroethene	0.037	U	0.037		ppb v/v			12/31/22 04:57	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/31/22 04:57	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
Toluene	0.48		0.20		ppb v/v			12/31/22 04:57	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Ethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
m,p-Xylene	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
o-Xylene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Styrene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-IA-2-122122

Lab Sample ID: 480-205080-3

Date Collected: 12/21/22 15:31

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Cumene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,2,4-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
sec-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/31/22 04:57	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/31/22 04:57	1
Naphthalene	0.50	U	0.50		ppb v/v			12/31/22 04:57	1

Client Sample ID: 140-SSV-2-122122

Lab Sample ID: 480-205080-4

Date Collected: 12/21/22 15:26

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.6		2.5		ug/m3			12/31/22 05:50	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/31/22 05:50	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/31/22 05:50	1
Chloromethane	1.1		1.0		ug/m3			12/31/22 05:50	1
n-Butane	29		1.2		ug/m3			12/31/22 05:50	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/31/22 05:50	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/31/22 05:50	1
Bromomethane	0.78	U	0.78		ug/m3			12/31/22 05:50	1
Chloroethane	1.3	U	1.3		ug/m3			12/31/22 05:50	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/31/22 05:50	1
Trichlorofluoromethane	1.2		1.1		ug/m3			12/31/22 05:50	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/31/22 05:50	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 05:50	1
Acetone	12		12		ug/m3			12/31/22 05:50	1
Isopropyl alcohol	12	U	12		ug/m3			12/31/22 05:50	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/31/22 05:50	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/31/22 05:50	1
Methylene Chloride	2.1		1.7		ug/m3			12/31/22 05:50	1
tert-Butyl alcohol	15	U	15		ug/m3			12/31/22 05:50	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/31/22 05:50	1
trans-1,2-Dichloroethene	3.7		0.79		ug/m3			12/31/22 05:50	1
n-Hexane	2.0		1.8		ug/m3			12/31/22 05:50	1

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-SSV-2-122122

Lab Sample ID: 480-205080-4

Date Collected: 12/21/22 15:26

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 05:50	1
Methyl Ethyl Ketone (2-Butanone)	2.0		1.5		ug/m3			12/31/22 05:50	1
cis-1,2-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 05:50	1
Chloroform	0.98	U	0.98		ug/m3			12/31/22 05:50	1
Tetrahydrofuran	15	U	15		ug/m3			12/31/22 05:50	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 05:50	1
Cyclohexane	1.0		0.69		ug/m3			12/31/22 05:50	1
Carbon tetrachloride	0.30		0.22		ug/m3			12/31/22 05:50	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/31/22 05:50	1
Benzene	0.96		0.64		ug/m3			12/31/22 05:50	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 05:50	1
n-Heptane	0.92		0.82		ug/m3			12/31/22 05:50	1
Trichloroethene	0.20	U	0.20		ug/m3			12/31/22 05:50	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/31/22 05:50	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/31/22 05:50	1
1,4-Dioxane	18	U	18		ug/m3			12/31/22 05:50	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/31/22 05:50	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 05:50	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0		ug/m3			12/31/22 05:50	1
Toluene	2.4		0.75		ug/m3			12/31/22 05:50	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 05:50	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 05:50	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/31/22 05:50	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/31/22 05:50	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/31/22 05:50	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/31/22 05:50	1
Chlorobenzene	0.92	U	0.92		ug/m3			12/31/22 05:50	1
Ethylbenzene	0.87	U	0.87		ug/m3			12/31/22 05:50	1
m,p-Xylene	3.1		2.2		ug/m3			12/31/22 05:50	1
o-Xylene	1.2		0.87		ug/m3			12/31/22 05:50	1
Styrene	1.8		0.85		ug/m3			12/31/22 05:50	1
Bromoform	2.1	U	2.1		ug/m3			12/31/22 05:50	1
Cumene	0.98	U	0.98		ug/m3			12/31/22 05:50	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/31/22 05:50	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/31/22 05:50	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/31/22 05:50	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 05:50	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/31/22 05:50	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 05:50	1
1,2,4-Trimethylbenzene	1.3		0.98		ug/m3			12/31/22 05:50	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 05:50	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/31/22 05:50	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 05:50	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 05:50	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/31/22 05:50	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 05:50	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 05:50	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/31/22 05:50	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-SSV-2-122122

Lab Sample ID: 480-205080-4

Date Collected: 12/21/22 15:26

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/31/22 05:50	1
Naphthalene	2.6	U	2.6		ug/m3			12/31/22 05:50	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.52		0.50		ppb v/v			12/31/22 05:50	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 05:50	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Chloromethane	0.55		0.50		ppb v/v			12/31/22 05:50	1
n-Butane	12		0.50		ppb v/v			12/31/22 05:50	1
Vinyl chloride	0.078	U	0.078		ppb v/v			12/31/22 05:50	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Bromomethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Chloroethane	0.50	U	0.50		ppb v/v			12/31/22 05:50	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Trichlorofluoromethane	0.22		0.20		ppb v/v			12/31/22 05:50	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 05:50	1
Acetone	5.2		5.0		ppb v/v			12/31/22 05:50	1
Isopropyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 05:50	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/31/22 05:50	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/31/22 05:50	1
Methylene Chloride	0.61		0.50		ppb v/v			12/31/22 05:50	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 05:50	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
trans-1,2-Dichloroethene	0.94		0.20		ppb v/v			12/31/22 05:50	1
n-Hexane	0.55		0.50		ppb v/v			12/31/22 05:50	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Methyl Ethyl Ketone (2-Butanone)	0.68		0.50		ppb v/v			12/31/22 05:50	1
cis-1,2-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 05:50	1
Chloroform	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/31/22 05:50	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Cyclohexane	0.29		0.20		ppb v/v			12/31/22 05:50	1
Carbon tetrachloride	0.047		0.035		ppb v/v			12/31/22 05:50	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Benzene	0.30		0.20		ppb v/v			12/31/22 05:50	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
n-Heptane	0.22		0.20		ppb v/v			12/31/22 05:50	1
Trichloroethene	0.037	U	0.037		ppb v/v			12/31/22 05:50	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/31/22 05:50	1
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/31/22 05:50	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/31/22 05:50	1
Toluene	0.63		0.20		ppb v/v			12/31/22 05:50	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: 140-SSV-2-122122

Lab Sample ID: 480-205080-4

Date Collected: 12/21/22 15:26

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/31/22 05:50	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Ethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
m,p-Xylene	0.72		0.50		ppb v/v			12/31/22 05:50	1
o-Xylene	0.27		0.20		ppb v/v			12/31/22 05:50	1
Styrene	0.42		0.20		ppb v/v			12/31/22 05:50	1
Bromoform	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Cumene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,2,4-Trimethylbenzene	0.26		0.20		ppb v/v			12/31/22 05:50	1
sec-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/31/22 05:50	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/31/22 05:50	1
Naphthalene	0.50	U	0.50		ppb v/v			12/31/22 05:50	1

Client Sample ID: AMBIENT AIR-122122

Lab Sample ID: 480-205080-5

Date Collected: 12/21/22 15:20

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5		ug/m3			12/31/22 06:44	1
Chlorodifluoromethane	1.8	U	1.8		ug/m3			12/31/22 06:44	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4		ug/m3			12/31/22 06:44	1
Chloromethane	1.1		1.0		ug/m3			12/31/22 06:44	1
n-Butane	24		1.2		ug/m3			12/31/22 06:44	1
Vinyl chloride	0.20	U	0.20		ug/m3			12/31/22 06:44	1
1,3-Butadiene	0.44	U	0.44		ug/m3			12/31/22 06:44	1
Bromomethane	0.78	U	0.78		ug/m3			12/31/22 06:44	1
Chloroethane	1.3	U	1.3		ug/m3			12/31/22 06:44	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87		ug/m3			12/31/22 06:44	1
Trichlorofluoromethane	1.2		1.1		ug/m3			12/31/22 06:44	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5		ug/m3			12/31/22 06:44	1
1,1-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 06:44	1

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Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: AMBIENT AIR-122122

Lab Sample ID: 480-205080-5

Date Collected: 12/21/22 15:20

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	12	U	12		ug/m3			12/31/22 06:44	1
Isopropyl alcohol	12	U	12		ug/m3			12/31/22 06:44	1
Carbon disulfide	1.6	U	1.6		ug/m3			12/31/22 06:44	1
3-Chloropropene	1.6	U	1.6		ug/m3			12/31/22 06:44	1
Methylene Chloride	1.7	U	1.7		ug/m3			12/31/22 06:44	1
tert-Butyl alcohol	15	U	15		ug/m3			12/31/22 06:44	1
Methyl tert-butyl ether	0.72	U	0.72		ug/m3			12/31/22 06:44	1
trans-1,2-Dichloroethene	0.79	U	0.79		ug/m3			12/31/22 06:44	1
n-Hexane	1.8	U	1.8		ug/m3			12/31/22 06:44	1
1,1-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 06:44	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5		ug/m3			12/31/22 06:44	1
cis-1,2-Dichloroethene	0.20	U	0.20		ug/m3			12/31/22 06:44	1
Chloroform	0.98	U	0.98		ug/m3			12/31/22 06:44	1
Tetrahydrofuran	15	U	15		ug/m3			12/31/22 06:44	1
1,1,1-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 06:44	1
Cyclohexane	0.69	U	0.69		ug/m3			12/31/22 06:44	1
Carbon tetrachloride	0.31		0.22		ug/m3			12/31/22 06:44	1
2,2,4-Trimethylpentane	0.93	U	0.93		ug/m3			12/31/22 06:44	1
Benzene	0.92		0.64		ug/m3			12/31/22 06:44	1
1,2-Dichloroethane	0.81	U	0.81		ug/m3			12/31/22 06:44	1
n-Heptane	0.82	U	0.82		ug/m3			12/31/22 06:44	1
Trichloroethene	0.20	U	0.20		ug/m3			12/31/22 06:44	1
Methyl methacrylate	2.0	U	2.0		ug/m3			12/31/22 06:44	1
1,2-Dichloropropane	0.92	U	0.92		ug/m3			12/31/22 06:44	1
1,4-Dioxane	18	U	18		ug/m3			12/31/22 06:44	1
Bromodichloromethane	1.3	U	1.3		ug/m3			12/31/22 06:44	1
cis-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 06:44	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0		ug/m3			12/31/22 06:44	1
Toluene	1.5		0.75		ug/m3			12/31/22 06:44	1
trans-1,3-Dichloropropene	0.91	U	0.91		ug/m3			12/31/22 06:44	1
1,1,2-Trichloroethane	1.1	U	1.1		ug/m3			12/31/22 06:44	1
Tetrachloroethene	1.4	U	1.4		ug/m3			12/31/22 06:44	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0		ug/m3			12/31/22 06:44	1
Dibromochloromethane	1.7	U	1.7		ug/m3			12/31/22 06:44	1
1,2-Dibromoethane	1.5	U	1.5		ug/m3			12/31/22 06:44	1
Chlorobenzene	0.92	U	0.92		ug/m3			12/31/22 06:44	1
Ethylbenzene	0.87	U	0.87		ug/m3			12/31/22 06:44	1
m,p-Xylene	2.2	U	2.2		ug/m3			12/31/22 06:44	1
o-Xylene	0.87	U	0.87		ug/m3			12/31/22 06:44	1
Styrene	0.85	U	0.85		ug/m3			12/31/22 06:44	1
Bromoform	2.1	U	2.1		ug/m3			12/31/22 06:44	1
Cumene	0.98	U	0.98		ug/m3			12/31/22 06:44	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4		ug/m3			12/31/22 06:44	1
n-Propylbenzene	0.98	U	0.98		ug/m3			12/31/22 06:44	1
4-Ethyltoluene	0.98	U	0.98		ug/m3			12/31/22 06:44	1
1,3,5-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 06:44	1
2-Chlorotoluene	1.0	U	1.0		ug/m3			12/31/22 06:44	1
tert-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 06:44	1

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: AMBIENT AIR-122122

Lab Sample ID: 480-205080-5

Date Collected: 12/21/22 15:20

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	0.98	U	0.98		ug/m3			12/31/22 06:44	1
sec-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 06:44	1
4-Isopropyltoluene	1.1	U	1.1		ug/m3			12/31/22 06:44	1
1,3-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 06:44	1
1,4-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 06:44	1
Benzyl chloride	1.0	U	1.0		ug/m3			12/31/22 06:44	1
n-Butylbenzene	1.1	U	1.1		ug/m3			12/31/22 06:44	1
1,2-Dichlorobenzene	1.2	U	1.2		ug/m3			12/31/22 06:44	1
1,2,4-Trichlorobenzene	3.7	U	3.7		ug/m3			12/31/22 06:44	1
Hexachlorobutadiene	2.1	U	2.1		ug/m3			12/31/22 06:44	1
Naphthalene	2.6	U	2.6		ug/m3			12/31/22 06:44	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
Chlorodifluoromethane	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Chloromethane	0.55		0.50		ppb v/v			12/31/22 06:44	1
n-Butane	10		0.50		ppb v/v			12/31/22 06:44	1
Vinyl chloride	0.078	U	0.078		ppb v/v			12/31/22 06:44	1
1,3-Butadiene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Bromomethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Chloroethane	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Trichlorofluoromethane	0.22		0.20		ppb v/v			12/31/22 06:44	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,1-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 06:44	1
Acetone	5.0	U	5.0		ppb v/v			12/31/22 06:44	1
Isopropyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 06:44	1
Carbon disulfide	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
3-Chloropropene	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
Methylene Chloride	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
tert-Butyl alcohol	5.0	U	5.0		ppb v/v			12/31/22 06:44	1
Methyl tert-butyl ether	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
trans-1,2-Dichloroethene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
n-Hexane	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
1,1-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
cis-1,2-Dichloroethene	0.050	U	0.050		ppb v/v			12/31/22 06:44	1
Chloroform	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Tetrahydrofuran	5.0	U	5.0		ppb v/v			12/31/22 06:44	1
1,1,1-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Cyclohexane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Carbon tetrachloride	0.049		0.035		ppb v/v			12/31/22 06:44	1
2,2,4-Trimethylpentane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Benzene	0.29		0.20		ppb v/v			12/31/22 06:44	1
1,2-Dichloroethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
n-Heptane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Trichloroethene	0.037	U	0.037		ppb v/v			12/31/22 06:44	1
Methyl methacrylate	0.50	U	0.50		ppb v/v			12/31/22 06:44	1

Eurofins Buffalo

Client Sample Results

Client: CHA Inc
Project/Site: Former Albany Labs 140 State St.

Job ID: 480-205080-1

Client Sample ID: AMBIENT AIR-122122

Lab Sample ID: 480-205080-5

Date Collected: 12/21/22 15:20

Matrix: Air

Date Received: 12/29/22 09:45

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,4-Dioxane	5.0	U	5.0		ppb v/v			12/31/22 06:44	1
Bromodichloromethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
cis-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
Toluene	0.41		0.20		ppb v/v			12/31/22 06:44	1
trans-1,3-Dichloropropene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,1,2-Trichloroethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Tetrachloroethene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
Dibromochloromethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,2-Dibromoethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Chlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Ethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
m,p-Xylene	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
o-Xylene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Styrene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Bromoform	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Cumene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
n-Propylbenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
4-Ethyltoluene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,3,5-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
2-Chlorotoluene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
tert-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,2,4-Trimethylbenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
sec-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
4-Isopropyltoluene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,3-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,4-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Benzyl chloride	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
n-Butylbenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,2-Dichlorobenzene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
1,2,4-Trichlorobenzene	0.50	U	0.50		ppb v/v			12/31/22 06:44	1
Hexachlorobutadiene	0.20	U	0.20		ppb v/v			12/31/22 06:44	1
Naphthalene	0.50	U	0.50		ppb v/v			12/31/22 06:44	1

TO-15

Data Section



Geology

Hydrology

Remediation

Water Supply

**QA/QC Review of Method TO-15 Volatiles Data for
Eurofins Environment Testing-Burlington
Job No: 480-205080-1**

**5 Soil Vapor/Air Samples
Collected December 21, 2022**

Prepared by: Donald Anné
January 17, 2023

Holding Times: Samples were analyzed within the EPA recommended holding times.

Canister Pressure: The laboratory reported “received” pressure for samples were less than zero (residual vacuum), as required.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for associated target compounds were above the allowable minimum (0.050) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for associated target compounds were above the allowable minimum (0.050), as required.

The %Ds for isopropyl alcohol and tetrahydrofuran were above the allowable maximum (30%) on 12-30-22 (53858-004.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analysis of intra-lab blank reported target compounds as not detected. The analyses of the cleaned canisters reported target compounds as not detected.

Internal Standard Area Summary: The applicable associated internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the soil gas/air samples.

Laboratory Control Sample: The surrogate recoveries for target compounds were within QC limits for the air/vapor sample LCS 200-187162/5.

Method TO-15 Volatiles Data
Job No: 480-205080-1

Compound ID: Checked compounds were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 480-205080-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-187162/4 Calibration Date: 12/30/2022 11:53
 Instrument ID: CHC.i Calib Start Date: 12/21/2022 17:15
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/22/2022 08:55
 Lab File ID: 53858-004.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	1.356	1.792		13.2	10.0	32.1*	30.0
Dichlorodifluoromethane	Ave	4.452	4.481		10.1	10.0	0.7	30.0
Chlorodifluoromethane	Ave	2.840	3.218		11.3	10.0	13.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	4.764	4.669		9.80	10.0	-2.0	30.0
Chloromethane	Ave	1.651	1.881		11.4	10.0	13.9	30.0
n-Butane	Ave	2.535	2.915		11.5	10.0	15.0	30.0
Vinyl chloride	Ave	1.781	1.814		10.2	10.0	1.9	30.0
1,3-Butadiene	Ave	1.374	1.390		10.1	10.0	1.1	30.0
Bromomethane	Ave	1.461	1.417		9.70	10.0	-3.0	30.0
Chloroethane	Ave	0.9181	0.9893		10.8	10.0	7.8	30.0
Isopentane	Ave	2.217	2.586		11.7	10.0	16.7	30.0
Bromoethene (Vinyl Bromide)	Ave	1.744	1.597		9.16	10.0	-8.4	30.0
Trichlorofluoromethane	Ave	4.371	4.158		9.51	10.0	-4.9	30.0
n-Pentane	Ave	3.236	3.806		11.8	10.0	17.6	30.0
Ethanol	Ave	0.8216	1.082		19.8	15.0	31.7*	30.0
Ethyl ether	Ave	1.294	1.389		10.7	10.0	7.3	30.0
Acrolein	Ave	0.7574	0.8466		11.2	10.0	11.8	30.0
1,1,2-Trichlorotrifluoroethane	Ave	3.755	3.537		9.42	10.0	-5.8	30.0
1,1-Dichloroethene	Ave	1.923	1.708		8.88	10.0	-11.2	30.0
Acetone	Ave	2.617	3.346		12.8	10.0	27.8	30.0
Carbon disulfide	Ave	5.262	5.323		10.1	10.0	1.2	30.0
Isopropyl alcohol	Ave	3.158	4.169		13.2	10.0	32.0*	30.0
3-Chloropropene	Ave	2.627	2.823		10.7	10.0	7.4	30.0
Acetonitrile	Ave	1.349	1.988		14.7	10.0	47.4*	30.0
Methylene Chloride	Ave	2.156	2.482		11.5	10.0	15.1	30.0
tert-Butyl alcohol	Ave	3.712	4.472		12.0	10.0	20.5	30.0
trans-1,2-Dichloroethene	Ave	2.910	3.015		10.4	10.0	3.6	30.0
Methyl tert-butyl ether	Ave	5.425	5.557		10.2	10.0	2.4	30.0
Acrylonitrile	Ave	1.362	1.529		11.2	10.0	12.3	30.0
n-Hexane	Ave	3.028	3.232		10.7	10.0	6.7	30.0
1,1-Dichloroethane	Ave	3.626	3.640		10.0	10.0	0.4	30.0
Vinyl acetate	Ave	4.847	6.130		12.6	10.0	26.5	30.0
cis-1,2-Dichloroethene	Ave	2.187	2.030		9.28	10.0	-7.2	30.0
Methyl Ethyl Ketone (2-Butanone)	Ave	1.076	1.033		9.60	10.0	-4.0	30.0
Ethyl acetate	Ave	0.1701	0.1721		10.1	10.0	1.2	30.0
Tetrahydrofuran	Ave	0.4045	0.5342		13.2	10.0	32.1*	30.0
Chloroform	Ave	4.315	4.201		9.74	10.0	-2.6	30.0
1,1,1-Trichloroethane	Ave	0.7589	0.7269		9.58	10.0	-4.2	30.0
Cyclohexane	Ave	0.5294	0.5064		9.56	10.0	-4.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 480-205080-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-187162/4 Calibration Date: 12/30/2022 11:53
 Instrument ID: CHC.i Calib Start Date: 12/21/2022 17:15
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/22/2022 08:55
 Lab File ID: 53858-004.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbon tetrachloride	Ave	0.7820	0.7141		9.13	10.0	-8.7	30.0
Benzene	Ave	1.328	1.279		9.63	10.0	-3.6	30.0
2,2,4-Trimethylpentane	Ave	2.172	2.326		10.7	10.0	7.1	30.0
1,2-Dichloroethane	Ave	0.5288	0.5634		10.7	10.0	6.5	30.0
n-Heptane	Ave	0.8674	1.017		11.7	10.0	17.2	30.0
Trichloroethene	Ave	0.6057	0.5300		8.75	10.0	-12.5	30.0
n-Butanol	Ave	0.3433	0.4164		12.1	10.0	21.3	30.0
1,2-Dichloropropane	Ave	0.5560	0.5756		10.4	10.0	3.5	30.0
Dibromomethane	Ave	0.5288	0.4174		7.89	10.0	-21.1	30.0
Methyl methacrylate	Ave	0.5164	0.5288		10.2	10.0	2.4	30.0
1,4-Dioxane	Ave	0.2814	0.3057		10.9	10.0	8.6	30.0
Bromodichloromethane	Ave	0.9678	0.9468		9.78	10.0	-2.2	30.0
cis-1,3-Dichloropropene	Ave	0.9378	0.9281		9.89	10.0	-1.0	30.0
4-Methyl-2-pentanone (Methyl isobutyl ketone)	Ave	1.239	1.529		12.3	10.0	23.4	30.0
Toluene	Ave	1.143	1.058		9.25	10.0	-7.4	30.0
n-Octane	Ave	1.391	1.680		12.1	10.0	20.8	30.0
trans-1,3-Dichloropropene	Ave	0.8159	0.8126		9.96	10.0	-0.4	30.0
1,1,2-Trichloroethane	Ave	0.5557	0.5262		9.47	10.0	-5.3	30.0
Tetrachloroethene	Ave	0.9026	0.7141		7.91	10.0	-20.9	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	1.292	1.609		12.4	10.0	24.5	30.0
Dibromochloromethane	Ave	0.9811	0.8892		9.06	10.0	-9.4	30.0
1,2-Dibromoethane	Ave	0.9467	0.8494		8.97	10.0	-10.3	30.0
Chlorobenzene	Ave	1.486	1.307		8.80	10.0	-12.0	30.0
Ethylbenzene	Ave	2.535	2.375		9.37	10.0	-6.3	30.0
n-Nonane	Ave	1.371	1.521		11.1	10.0	10.9	30.0
m,p-Xylene	Ave	0.9614	0.8829		18.4	20.0	-8.2	30.0
o-Xylene	Ave	0.9340	0.8380		8.97	10.0	-10.3	30.0
Styrene	Ave	1.486	1.372		9.23	10.0	-7.7	30.0
Bromoform	Ave	0.9146	0.8486		9.28	10.0	-7.2	30.0
Cumene	Ave	2.770	2.507		9.05	10.0	-9.5	30.0
1,1,2,2-Tetrachloroethane	Ave	1.482	1.416		9.55	10.0	-4.5	30.0
1,2,3-Trichloropropane	Ave	1.226	1.213		9.89	10.0	-1.1	30.0
n-Propylbenzene	Ave	3.450	3.263		9.45	10.0	-5.4	30.0
2-Chlorotoluene	Ave	2.395	2.257		9.42	10.0	-5.8	30.0
4-Ethyltoluene	Ave	2.826	2.602		9.20	10.0	-7.9	30.0
n-Decane	Ave	1.798	1.990		11.1	10.0	10.7	30.0
1,3,5-Trimethylbenzene	Ave	2.334	2.128		9.11	10.0	-8.9	30.0
Alpha Methyl Styrene	Ave	1.152	1.057		9.18	10.0	-8.2	30.0
tert-Butylbenzene	Ave	2.206	1.964		8.90	10.0	-11.0	30.0
1,2,4-Trimethylbenzene	Ave	2.328	2.137		9.18	10.0	-8.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 480-205080-1
 SDG No.: _____
 Lab Sample ID: CCVIS 200-187162/4 Calibration Date: 12/30/2022 11:53
 Instrument ID: CHC.i Calib Start Date: 12/21/2022 17:15
 GC Column: RTX-624 ID: 0.32 (mm) Calib End Date: 12/22/2022 08:55
 Lab File ID: 53858-004.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
sec-Butylbenzene	Ave	3.416	3.156		9.24	10.0	-7.6	30.0
1,3-Dichlorobenzene	Ave	1.564	1.362		8.70	10.0	-12.9	30.0
4-Isopropyltoluene	Ave	2.831	2.593		9.16	10.0	-8.4	30.0
1,4-Dichlorobenzene	Ave	1.588	1.350		8.50	10.0	-15.0	30.0
Benzyl chloride	Ave	2.226	2.215		9.95	10.0	-0.5	30.0
n-Butylbenzene	Ave	2.812	2.744		9.75	10.0	-2.4	30.0
1,2-Dichlorobenzene	Ave	1.503	1.295		8.61	10.0	-13.9	30.0
n-Undecane	Ave	1.843	2.235		12.1	10.0	21.2	30.0
n-Dodecane	Ave	1.740	2.115		12.2	10.0	21.5	30.0
1,2,4-Trichlorobenzene	Ave	1.307	1.168		8.93	10.0	-10.7	30.0
Hexachlorobutadiene	Ave	1.285	1.049		8.16	10.0	-18.4	30.0
Naphthalene	Ave	2.767	2.670		9.65	10.0	-3.5	30.0
1,2,3-Trichlorobenzene	Ave	1.024	0.9275		9.05	10.0	-9.4	30.0

Alpha Geoscience: Acronyms and Definitions

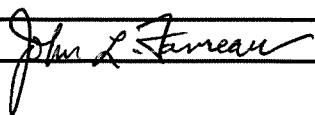
Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlorophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high and associated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

Evidence of restrictions of water flow in drainage ditches and structures?	☐	☒	☐	
VECTOR INSPECTION				
ITEM/CONDITION	YES	NO	NA	COMMENTS
Were any vectors observed?	☐	☒	☐	
Evidence of vector activity (tracks, droppings, dens, etc.)	☐	☒	☐	
Evidence of damage due to vector activity?	☐	☒	☐	
VEGETATIVE INSPECTION (if applicable)				
ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
Vegetation is well established over greenspace areas.	☐	☐	☒	
There is no evidence of stressed vegetation.	☐	☐	☒	
There is no evidence of bare or thin vegetative cover.	☐	☐	☒	
There is no evidence of overgrowth or areas that need to be mowed.	☐	☐	☒	
There is no evidence of recent areas of excavation or disturbed areas.	☐	☐	☒	
ADDITIONAL NOTES & OBSERVATIONS				
- NO DEFICIENCIES OBSERVED.				
Signature: 	Time Charged:		Mileage Charged:	



SUB-SLAB DEPRESSURIZATION SYSTEM CHECKLIST - ACTIVE

Project Site: 140 State Street

Date: 12-14-22

Time: 9:15 AM

Inspector(s): John Favreau

Project No. 021645.022

Type of Inspection: ☒ Routine ☐ Post Severe Condition

Weather: SUNNY, BREEZY

Temp.: Hi 30°F Low 18°F

FAN/BLOWER SYSTEM INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
The blower unit is operational.	☒	☐	☐	
There is no excessive noise emanating from the blower.	☒	☐	☐	
There is no excessive vibration emanating from the blower.	☒	☐	☐	
The blower unit is not excessively hot to the touch.	☒	☐	☐	
The blower unit housing is clean and in good condition.	☒	☐	☐	

SYSTEM PRESSURE INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
Vacuum gauge on inlet piping in good condition and shows negative pressure is being applied to sub-slab.	☒	☐	☐	
Pressure gauge on discharge piping is in good condition and shows positive pressure being exhausted from blower.	☐	☐	☒	NO PRESSURE GAUGE ON DISCHARGE PIPING.
Pressures are within acceptable normal range for system.	☒	☐	☐	Pressure Reading: 0.6 inches H ₂ O
When required, pressure field extension testing demonstrates continued sub-slab communication.	☐	☐	☒	NO PRESSURE FIELD EXTENSION TESTING WAS PERFORMED.

ELECTRICAL/ALARM INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
No observable electrical component damage.	☒	☐	☐	
All electrical disconnects/switches tested and functional.	☒	☐	☐	
Alarm sounds when blower power disconnected and pressure falls below alarm set point.	☐	☐	☒	

PIPING SYSTEM INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
All above-grade piping in good condition and free of cracks or other damage.	☒	☐	☐	
All pipe supports undamaged and functional.	☒	☐	☐	
In-line mufflers/silencers installed and functioning properly.	☐	☐	☒	
Discharge piping above roof undamaged and free of obstructions.	☒	☐	☐	
All labels are present and legible.	☒	☐	☐	



SUB-SLAB DEPRESSURIZATION SYSTEM CHECKLIST - ACTIVE

Project Site: 140 State Street

Date: 12-14-22

Time: 9:15 am

CONCRETE SLAB/PIPING SYSTEM INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
All visible pipe penetrations appear properly sealed (e.g. no air leak noise).	☒	☐	☐	
There are no new significant, observable floor cracks or penetrations that may breach the floor tightness and effectiveness of the system.	☒	☐	☐	

ADDITIONAL NOTES & OBSERVATIONS

- No DEFICIENCIES OBSERVED.

Signature:

John Z. Farnau

Total Inspection Time:

M:\14357\Rpts\Site Management Plan - Post Remediation\Appendices\Appendix H - Site-Wide Inspection Form\Site-Wide Inspection Checklist.doc



SUB-SLAB DEPRESSURIZATION SYSTEM CHECKLIST - ACTIVE

Project Site: 144 State Street

Date: 12-14-22

Time: 2:30 - 4:00 PM

Inspector(s): John Favreau

Project No. 021645.021

Type of Inspection: ☒ Routine ☐ Post Severe Condition

Weather: SUNNY, BREEZY

Temp.: Hi 30°F Low 18°F

FAN/BLOWER SYSTEM INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
The blower unit is operational. *	☒	☐	☐	* Fms FOR SUB-SYSTEM #5 NOT OPERATING.
There is no excessive noise emanating from the blower.	☒	☐	☐	
There is no excessive vibration emanating from the blower.	☒	☐	☐	
The blower unit is not excessively hot to the touch.	☒	☐	☐	
The blower unit housing is clean and in good condition.	☒	☐	☐	

SYSTEM PRESSURE INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
Vacuum gauge on inlet piping in good condition and shows negative pressure is being applied to sub-slab. *	☒	☐	☐	* VACUUM GAUGE FOR SUB-SYSTEM #5 SHOWS 0.
Pressure gauge on discharge piping is in good condition and shows positive pressure being exhausted from blower.	☐	☐	☒	
Pressures are within acceptable normal range for system.	☐	☐	☐	Pressure Reading: _____ inches H ₂ O - REFER TO PAGE 2.
When required, pressure field extension testing demonstrates continued sub-slab communication.	☐	☐	☒	PRESSURE FIELD EXTENSION TESTING WAS NOT PERFORMED.

ELECTRICAL/ALARM INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
No observable electrical component damage.	☒	☐	☐	
All electrical disconnects/switches tested and functional.	☒	☐	☐	
Alarm sounds when blower power disconnected and pressure falls below alarm set point.	☐	☒	☐	NO AUDIBLE ALARM ON SYSTEM. - CONNECTION WITH BMS NOT FUNCTIONING.

PIPING SYSTEM INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
All above-grade piping in good condition and free of cracks or other damage.	☒	☐	☐	
All pipe supports undamaged and functional.	☒	☐	☐	
In-line mufflers/silencers installed and functioning properly.	☐	☐	☒	
Discharge piping above roof undamaged and free of obstructions.	☒	☐	☐	
All labels are present and legible.	☒	☐	☐	



SUB-SLAB DEPRESSURIZATION SYSTEM CHECKLIST - ACTIVE

Project Site: 144 State Street

Date: 12-14-23 Time: 2:30 - 4:00 PM

CONCRETE SLAB/PIPING SYSTEM INSPECTION

ITEM/CONDITION	TRUE	FALSE	N/A	COMMENTS
All visible pipe penetrations appear properly sealed (e.g. no air leak noise).	☒	☐	☐	
There are no new significant, observable floor cracks or penetrations that may breach the floor tightness and effectiveness of the system.	☒	☐	☐	

ADDITIONAL NOTES & OBSERVATIONS

• VACUUM GAUGE READINGS:

SUB-SYSTEM #	GAUGE READING
1	2"
2	6"
3	2"
4	2"
5	0
6	5.5"
7	8"

- FAN FOR SUB-SYSTEM #5 NEEDS TO BE REPAIRED OR REPLACED.
- SYSTEM INTEGRATION WITH BMS NEEDS TO BE ASSESSED & CORRECTED.

Signature:

John L. Farnan

Total Inspection Time:

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APPENDIX B

Photographic Log



Photo 1: Magnehelic manometer panel and riser piping for the seven individual subsystems comprising the sub-slab depressurization system at 144 State Street (12/14/22).



Photo 2: Close-up view of manometer panel for individual subsystems and tubing associated with the magnehelic manometers (12/14/22).



Photo 3: Riser piping for individual subsystems at 144 State Street (12/14/22).



Photo 4: Riser piping for individual subsystems extending to the building roof at 144 State Street (12/14/22).



PHOTOGRAPHIC LOG

**2022 PRR - Former Albany Laboratories Site
67 Howard Street/140 State Street, Albany, NY
CHA Project No. 21645**



Photo 5: Riser piping for individual subsystems extending through the building roof at 144 State Street (12/14/22).



Photo 6: Roof-mounted fan units for individual sub-systems at 144 State Street (12/14/22).



Photo 7: Roof-mounted fan units for individual subsystems at 144 State Street (12/14/22).



Photo 8: Fan units for subsystems 2, 5, 7 and 3 (left to right) at 144 State Street (12/14/22).



PHOTOGRAPHIC LOG
2022 PRR - Former Albany Laboratories Site
67 Howard Street/140 State Street, Albany, NY
CHA Project No. 21645



Photo 9: Riser pipes extending through roof and into fan units at 144 State Street (12/14/22).



Photo 10: Seals around riser pipes at roof penetrations 12/14/22).

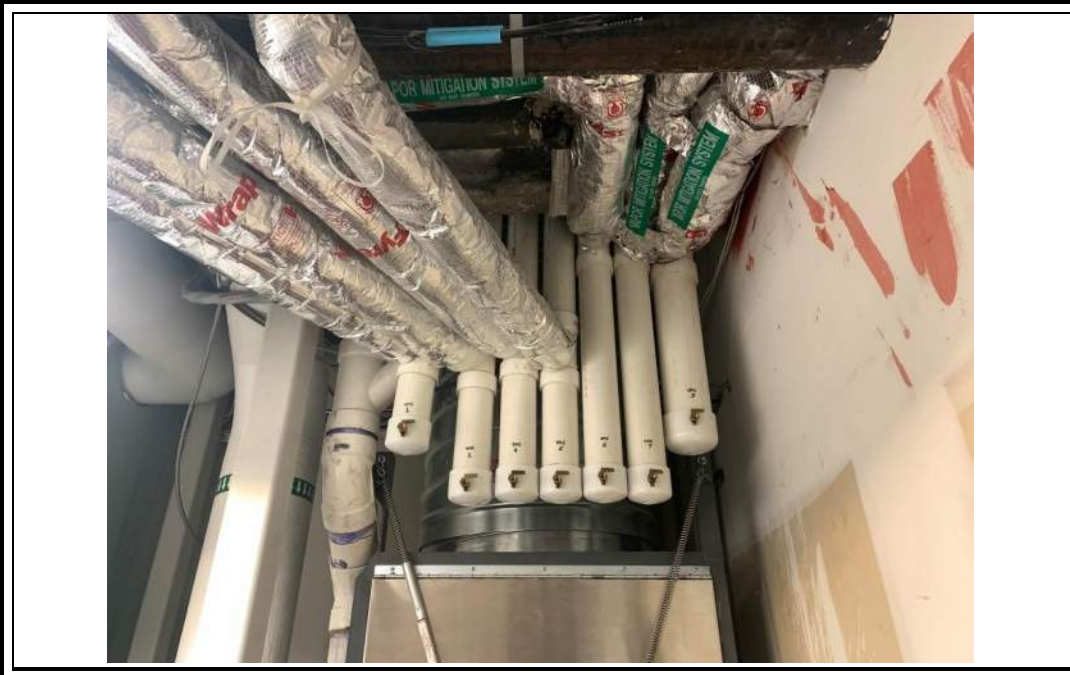


Photo 11: Inside laundry chute room in basement of 144 State Street; horizontal piping for individual sub-systems connected to vertical riser pipes (12/14/22).



Photo 12: Looking northeast (from Howard Street); paved surface cover in alley between 144 State Street (to the left) and parking garage (to the right) (12/14/22).



PHOTOGRAPHIC LOG

2022 PRR - Former Albany Laboratories Site
67 Howard Street/140 State Street, Albany, NY
CHA Project No. 21645

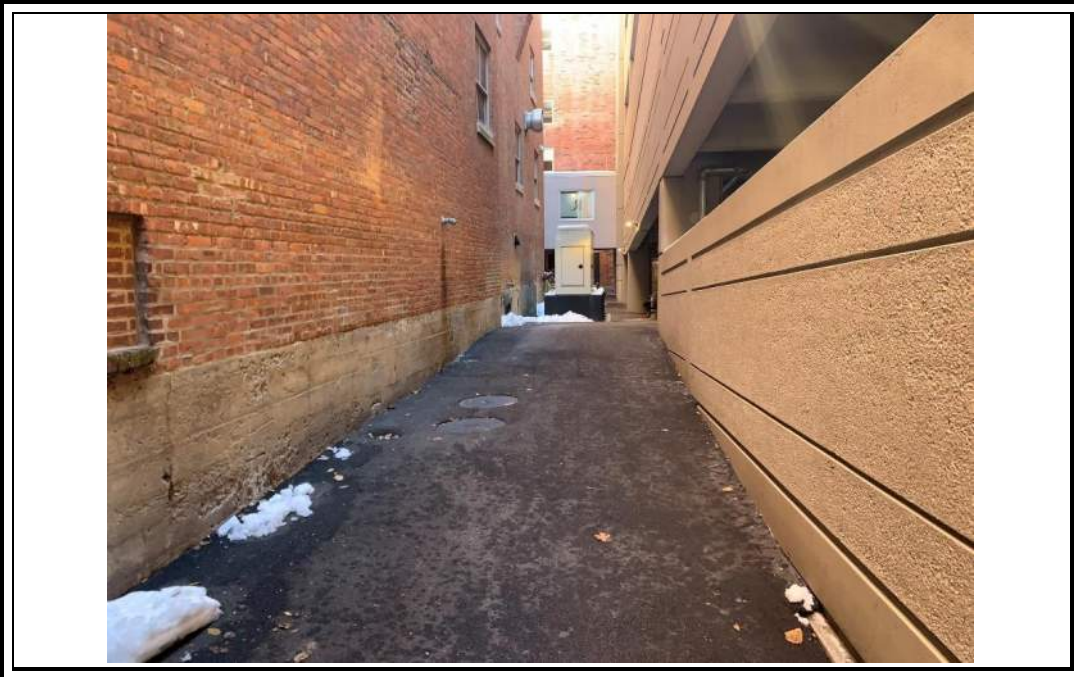


Photo 13: Looking northeast; paved surface cover in alley between 144 State Street and parking garage (12/14/22).

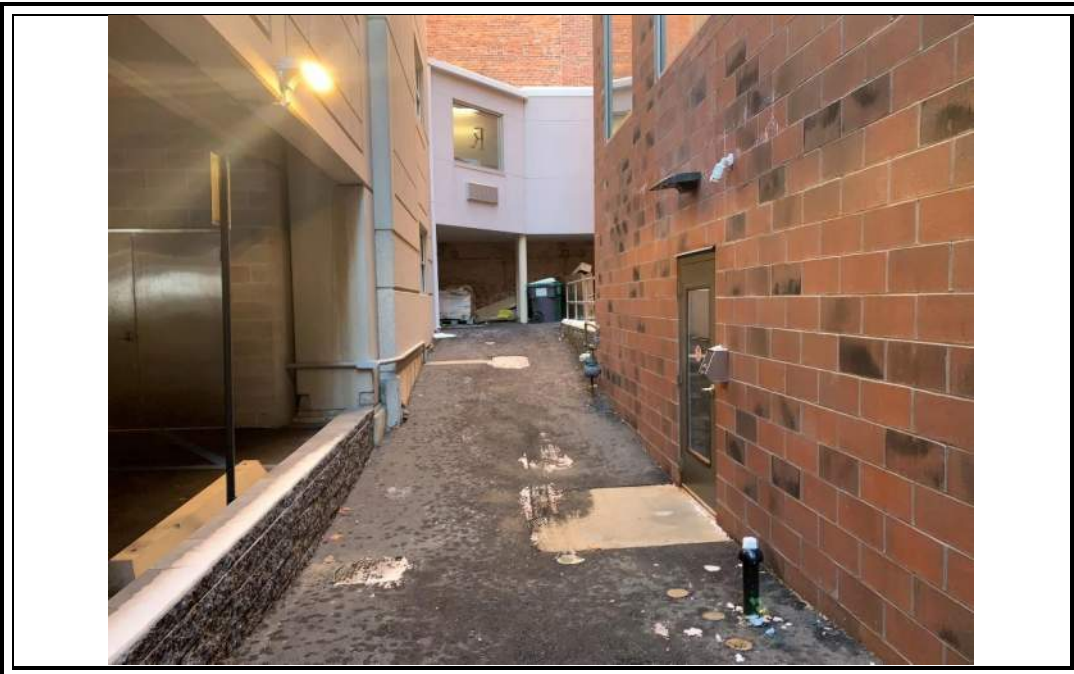


Photo 14: Looking northeast; paved surface cover in end alley (northeast end) between 144 State Street and parking garage (12/14/22).



PHOTOGRAPHIC LOG

**2022 PRR - Former Albany Laboratories Site
67 Howard Street/140 State Street, Albany, NY
CHA Project No. 21645**



Photo 15: Looking east; paved surface cover in area adjacent to rear side of 140 State Street building (12/14/22).



Photo 16: : Looking southeast; paved surface cover between 140 State Street (to the left) and the parking garage (to the right) (12/14/22).



Photo 17: Looking southwest toward Howard Street; paved surface cover in alley between 144 State Street and the parking garage (12/14/22).

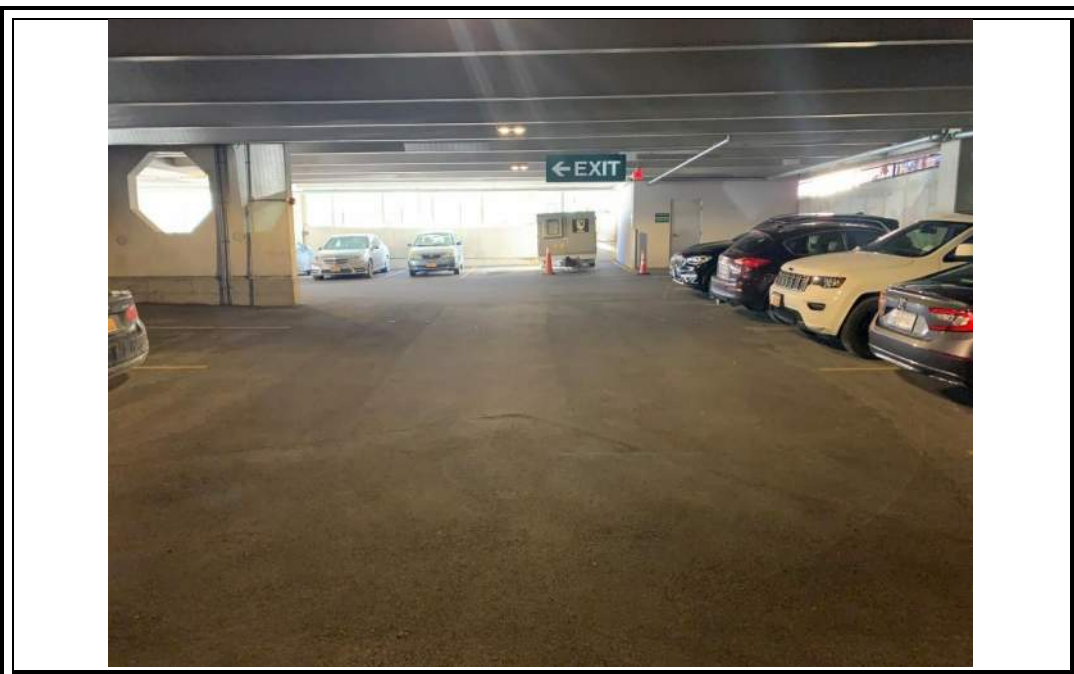


Photo 18: Looking southwest toward Howard Street; paved surface cover within lowest level of parking garage (12/14/22).

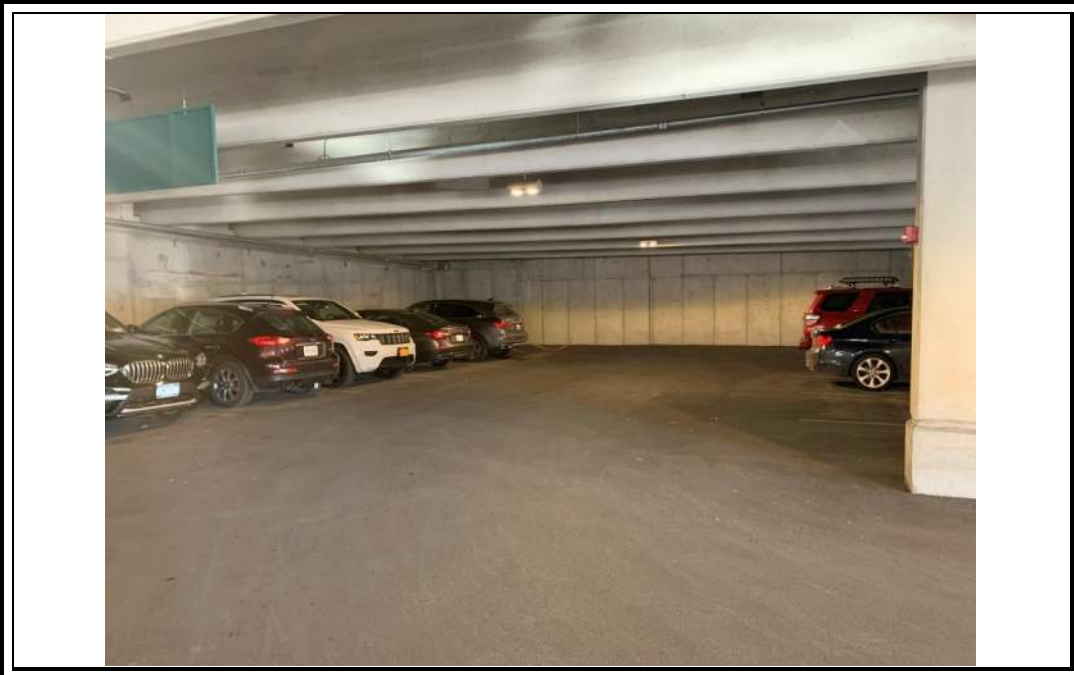


Photo 19: Looking northeast; paved surface cover within lowest level of parking garage (12/14/22).



Photo 20: Looking north; paved surface cover within lowest level of the parking garage (12/14/22).

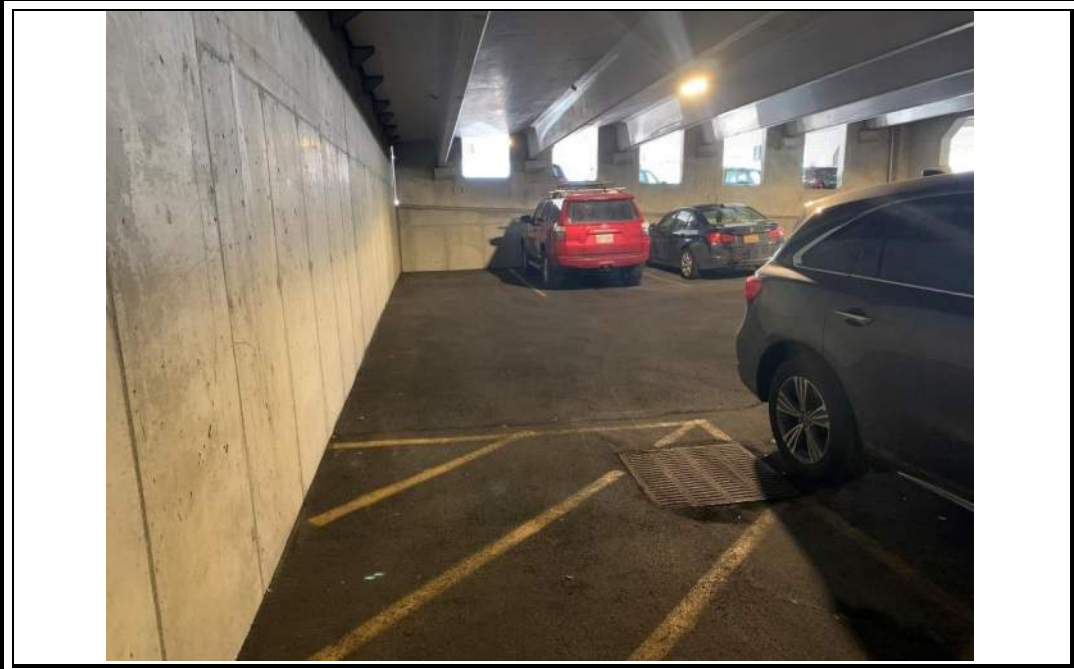


Photo 21: Looking southeast; paved surface cover and storm drain within lowest level of parking garage (12/14/22).



Photo 22: Roof of 140 State Street building; exhaust stack, fan and switch for SSDS (12/14/22).



Photo 23: Close-up view of connection between SSDS exhaust stack and fan at 140 State Street (12/14/22).



Photo 24: Close-up view of roof penetration/seal for SSDS exhaust stack at 140 State Street (12/14/22).



Photo 25: Electrical switch for fan at 140 State Street (12/14/22).



Photo 26: View of manometer and vertical riser pipe for SSDS at 140 State Street (access via basement level) (12/14/22).

APPENDIX C

Institutional & Engineering Controls Certification Forms



Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form



Site Details

Box 1

Site No. 401061

Site Name Former Albany Laboratories

Site Address: 67 Howard Street/140 State Street Zip Code: 12207

City/Town: Albany

County: Albany

Site Acreage: 0.226

Reporting Period: January 1, 2022 through December 31, 2022

YES NO

1. Is the information above correct?

☒ ☐

If NO, include handwritten above or on a separate sheet.

2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?

☐ ☒

3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?

☐ ☒

4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?

☐ ☒

If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.

5. Is the site currently undergoing development?

☐ ☒

Box 2

YES NO

6. Is the current site use consistent with the use(s) listed below?

☒ ☐

7. Are all ICs/ECs in place and functioning as designed?

☒ ☐

**IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

Description of Institutional Controls

Parcel: 76.33-1-13 Owner: 67 Howard Street LLC
76.33-1-15 Owner: 140 State Street Properties

Imposition of an institutional control (in the form of environmental easements) for the controlled properties that:

Requires the remedial party or site owner to complete and submit to the NYSDEC a periodic certification of institutional and engineering controls in accordance with Part 375-1.8(h)(3).

Allows the use and development of the 67 Howard Street property for commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws.

Allows the use and development of the 140 State Street property for restricted residential, commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws.

Requires compliance with the NYSDEC-approved Site Management Plan (SMP).

Development and implementation of a Site Management Plan which includes the following:

Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the Site, and details the steps and media-specific requirements necessary to ensure that the following controls remain in place & effective: environmental easements; cover system; sub-slab depressurization systems. This plan includes the following:

- Excavation Plan which details the provisions for management of future excavations on the Site;
- Descriptions of the provisions of the environmental easements, including any land restrictions;
- A provision for the evaluation of the potential for soil vapor intrusion for any buildings developed on the Site, including provision for implementing actions recommended to address exposures related to soil vapor intrusion;
- Provisions for the management and inspection of the identified engineering controls;
- Provisions for maintaining site access controls and NYSDEC notification; and
- Provisions of the steps necessary for the periodic reviews and certification of the institutional and engineering controls

Monitoring Plan to assess the performance and effectiveness of the remedy. This plan includes provisions for monitoring for vapor intrusion in any buildings developed on the Site, as may be required by the Institutional and Engineering Control Plan.

Box 4**Description of Engineering Controls**

Parcel: 76.33-1-13 Owner: 67 Howard Street LLC
76.33-1-15 Owner: 140 State Street Properties

Engineering Controls in place at the Site consist of a site cover system and a sub-slab depressurization system which is operating in the building at 140 State Street. In addition, there is a sub-slab depressurization system operating in the adjacent building at 144 State Street.

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

☒ ☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

(a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

☒ ☐

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 401061

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Brandon Stabler at 302 Washington Ave. Ext., Albany, NY 12203,
print name print business address

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.



Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

2/16/23

Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

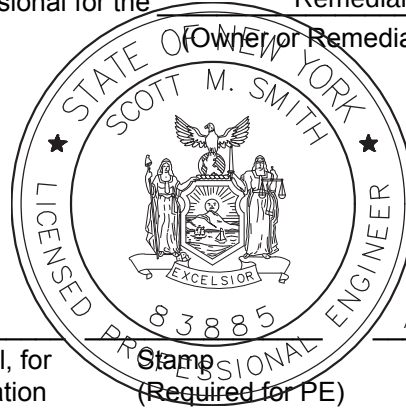
I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Scott Smith at 300 S. State Street, Suite 600, Syracuse, NY 13202,
print name print business address

am certifying as a Qualified Environmental Professional for the Remedial Party
(Owner or Remedial Party)



Signature of Qualified Environmental Professional, for
the Owner or Remedial Party, Rendering Certification



Stamp
(Required for PE)

Apr 17 2023 17:02:51 GMT-0400 (Eastern Standard T

Date

