



Mr. Michael Belveg  
New York State Department of Environmental Conservation (NYSDEC)  
Region 7 Office  
Division of Environmental Remediation  
615 Erie Boulevard West  
Syracuse, NY 13204

February 14, 2023

**Subject: Stauffer Management Company, LLC – Maestri Site  
NYSDEC Site No. 7-34-025  
900 State Fair Boulevard  
Town of Geddes, NY**

Dear Mr. Belveg:

Arcadis on behalf of Stauffer Management Company, LLC (SMC), is submitting the enclosed 2022 Periodic Review Report for the Maestri Site.

If you have any questions or concerns, please do not hesitate to contact me at 315-671-9296 or [Rebecca.Hensel@arcadis.com](mailto:Rebecca.Hensel@arcadis.com).

Sincerely,

Arcadis

A handwritten signature in black ink, appearing to read 'Rebecca Hensel', written in a cursive style.

Rebecca Hensel  
Project Manager

cc: John-Paul Rossi/Stauffer Management Company, LLC  
Victor Finocchiaro/Arcadis

Stauffer Management Company LLC

# 2022 PERIODIC REVIEW REPORT

**Maestri Site**

**Town of Geddes, New York**

February 2023

## Site Certification

Maestri Site

NYSDEC Site Number 7-34-025

Town of Geddes, New York

Based on my review of this Periodic Review Report, my own observations, and the observations of my staff while inspecting the Maestri Site (Site), I hereby certify, on behalf of Stauffer Management Company LLC, that the Site is compliant with the New York State Department of Environmental Conservation (NYSDEC)-approved Site Management Plan (May 2011).

- The on-site institutional and engineering controls are performing as designed and nothing has occurred that would impair the ability of the controls to continue to be protective of public health and environment.
- Nothing has occurred that would constitute a violation or a failure to comply with the Site Management Plan.
- Access to the Site to evaluate the controls continues to be available.
- The requirements of the Site Monitoring Plan are being met.
- The controls identified for the Site remain necessary for the continued effectiveness and protectiveness of the remedy.
- This Periodic Review Report and attachments (or the inspection/evaluations necessary to make this certification) were prepared under my direction and reviewed by me.

To the best of my knowledge, the conclusions described in this certification are in accordance with the requirements of the Site Management Plan, NYSDEC approval documents, and generally accepted engineering practices; the information presented is accurate and complete. Changes to the conditions at the Site, discovery of undisclosed information, or changes in activities at this Site since the last inspection may render this certification invalid. This report has been prepared solely for the use of Stauffer Management Company LLC at the Maestri Site for compliance with NYSDEC-required closure reporting protocols and the reminder notice provided by the NYSDEC on December 6, 2022 (Appendix A). Reliance on this report by others is strictly prohibited. All assumptions, clarifications, observations, and representations stated in this report apply to this certification.



Signature

077919-1, New York

Professional Engineer Registration Number & State

Timothy Miller

Principal Engineer

Name

Title

Arcadis U.S., Inc.

02/14/2023

Company

Date

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## Acronyms and Abbreviations

|        |                                                         |
|--------|---------------------------------------------------------|
| EC     | Engineering Controls                                    |
| IC     | Institutional Controls                                  |
| NYSDEC | New York State Department of Environmental Conservation |
| PRR    | Periodic Review Report                                  |
| ROD    | Record of Decision                                      |
| SMC    | Stauffer Management Company LLC                         |
| SMP    | Site Management Plan                                    |
| SVE    | Soil Vapor Extraction                                   |
| VOC    | Volatile Organic Compound                               |

# 1 Introduction

This Periodic Review Report (PRR) has been prepared by Arcadis U.S Inc. (Arcadis) on behalf of Stauffer Management Company LLC (SMC) for the Maestri Site, located in the Town of Geddes, New York (Site). The purpose of this report is to summarize compliance with the Site Management Plan (SMP) dated May 2011, and to provide the status of the Site institutional controls (IC) and engineering controls (EC) for Periodic Review Year 2022.

The Site has been remediated by SMC under Order on Consent Index # A7-0226-90-03 (December 1992), with the NYSDEC. In the 1970s, drums containing industrial waste were allegedly buried at the Site. In 1987, the Site owner, Mr. Bert Maestri, reportedly excavated soil and drums from an area of the Site, leading to investigations to evaluate the environmental effects of the former waste disposal area. A combination of soil vapor extraction (SVE) and biological treatment was chosen as the remedial technology for soil at the Site and a groundwater treatment system was constructed to remediate groundwater. The remedial action work began at the Site in June 1996 and was completed in May 2008. An SMP was approved by the NYSDEC in May 2011 and a Declaration of Covenants and Restrictions is currently in place. Since remaining residual soil and groundwater contamination are present at the Site, ICs/ECs have been implemented to protect public health and the environment for the applicable future use. The effectiveness of the Site IC/EC implementation and maintenance is discussed throughout this report.

## 2 Site Overview

The Site is located at 904 State Fair Boulevard, Geddes, New York, approximately three miles west of Syracuse, New York. The portion of the Site that is still actively monitored is approximately 2.5 acres. The Site is bordered by State Fair Boulevard to the southwest and residences along Alhan Parkway to the northeast. Vacant, wooded lots border the Site to the northwest and the southeast. A Site Location Map and Site Plan are provided in this report, as Figures 1 and 2, respectively.

### 2.1 Soil Remediation

Investigation into the extent of the environmental impacts at the Site began in 1987. That same year, the NYSDEC listed the Site on the New York State Registry of Inactive Hazardous Waste Disposal Sites as Site #7-34-025. SMC conducted a remedial investigation and feasibility study to determine the nature and extent of contamination and to select remedial technology for the Site. A combination of SVE and biological treatment was chosen as the most cost-effective remedy that was protective of human health and the environment. A Record of Decision (ROD) to complete soil remediation at the Site was signed in March 1995.

Soil remediation activities began in June 1996 with the excavation of over 10,000 cubic yards of soil and the construction of five above-grade biopiles for treatment of volatile organic compounds (VOC) and semi-volatile organic compounds with an SVE/bioremediation system. By September 1999, the last of the excavated material met the requirements of the ROD and was returned, with the Site re-graded and seeded in October 1999. Soil Remedial Action Objectives are provided in Table 1.

## **2.2 Groundwater Remediation**

An on-site groundwater treatment system was constructed in 1992 and operated until 2008. The system treated water from six recovery wells, water collected from the soil excavation, and leachate accumulated from the biopiles during remedial activities. The water was treated with particulate filtration and carbon adsorption and was discharged, under a State Pollution Discharge Elimination System-equivalent permit, to a storm sewer that subsequently discharged to Onondaga Lake. The groundwater treatment system was shut down in May 2008 after it had achieved remedial goals outlined in the ROD. This required continued operation of the groundwater collection and treatment system with an annual evaluation until concentrations of contaminants at the Site could no longer be effectively removed, or cleanup objectives were met. To address remaining groundwater contamination and to enhance groundwater remediation, a series of chemical oxidation events were completed in 2001, 2002, and 2004. In an email dated May 18, 2021, the NYSDEC approved the use of low-flow sampling techniques starting in 2021 (Appendix B).

## **3 Institutional Controls and Engineering Controls**

As provided in the SMP, ICs and ECs were designed to manage remaining contamination at the Site after completion of the remedial action work and to protect human health and the environment for the applicable future use. The ICs and ECs are designed to prevent the following:

- Ingestion/direct contact with contaminated soil.
- Inhalation of, or exposure to, contaminants volatilizing from contaminated soil.
- Ingestion of groundwater with contaminant levels that exceed applicable drinking water standards.
- Contact with, or inhalation of, volatiles from contaminated groundwater.
- Migration of contaminated groundwater resulting in off-site contamination.
- Migration of contaminants that would result in off-site groundwater or surface water contaminants.

The Site has the following ECs:

- Maintenance of the soil cover over the soil redeposition areas, consisting of three inches of loam, six inches of topsoil, and grass
- Continuous monitoring of groundwater.

The Site has the following ICs:

- Compliance with the established Declaration of Covenants and Restrictions with all elements of the SMP.
- Engineering Controls must be operated and maintained as specified in the SMP.
- Engineering Controls at the Site must be inspected and certified at a frequency and in a manner defined in the SMP.
- Groundwater monitoring must be performed as defined in the SMP.
- Data and information pertinent to the management of the Site must be reported at the frequency and in a manner defined in the SMP.
- On-site environmental monitoring devices, including but not limited to, groundwater monitoring wells, must be protected and replaced as necessary to ensure the devices function in the manner specified in the SMP.

Additionally, the Declaration of Covenants and Restrictions has placed the following restrictions on the property:

- Vegetable gardens and farming on the property are prohibited.
- Use of groundwater underlying the property is prohibited without treatment rendering it safe for the intended use as approved by the New York State Department of Health.
- As the topsoil cover over the excavated areas acts as a cover system at the Site, disturbance and incidental damage to this cover system shall be repaired upon discovery in a manner that complies with the SMP.
- All future activities on the property that would disturb remaining contaminated material must be conducted in accordance with the Excavation Plan included in the SMP.
- The potential for vapor intrusion must be evaluated for any buildings developed on the Site, and any potential impacts that are identified must be mitigated.
- The property may be used for residential use with restricted groundwater use, provided that the long-term ICs/ECs described in the SMP are employed and land zoning regulations are followed.

### **3.1 Effectiveness of Institutional Controls and Engineering Controls**

The ICs/ECs specified in the SMP are in place and effective in protecting human health and the environment. In 2022, the ECs were operated and maintained as specified in the SMP. The soil cover was maintained, and the quality and integrity of the cover was inspected in 2022, as specified in the SMP. The 2022 site inspection report is provided in Appendix C. The semiannual groundwater monitoring continued in 2022 (May and October) as specified in the SMP. Groundwater flow directions for both 2022 monitoring events are provided in Figures 3 and 4, respectively. Groundwater analytical results from both of the events are identified, by sampling location, in Figures 5 and 6.

SMC received approval from NYSDEC on March 9, 2021 to remove PZ-4 from the sampling program and to properly decommission. However, SMC was unable to locate PZ-4 in 2022 similar to the reported activities in the 2021 PRR. The following activities were completed in an attempt to locate PZ-4:

- Reviewed historical aerial photos of the Site.
- Marked well location with hand GPS unit and hand-dug around the area.
- Walked the property with a metal detector.
- Interviewed previous consultants to aid in locating.
- Interviewed homeowner which revealed that the yard had been regraded.
- Attempted to locate with drillers while on site for abandonment work of wells RW-3, RW-5, and RW-8.

SMC proposes to complete the decommissioning form and specify the inability to locate well PZ-4 in the Water Well Abandonment and Decommissioning Report.

In addition to the ICs/ECs, a fence and locked gates prevent access to the Site.

### **3.2 Attaining Remedial Goals**

Groundwater monitoring takes place to ensure that residual groundwater contamination is not migrating off site and to analyze the remaining levels of contamination in the groundwater, which is required for compliance with remedial goals.

Xylene concentrations continue to show seasonal fluctuations across semiannual sampling events. Specifically, the fluctuations are observed in monitoring locations RW-6, MW-2A, RW-7 and MW-9, as presented on Table 2. Samples from off-site downgradient wells PZ-20 and PZ-21 continue to show no detections, indicating that the plume is not migrating to the off-site downgradient area and remediation goals are attainable. Three wells, specifically RW-3, RW-5 and RW-8, have historically shown results less than the detection limit of the test procedure. Pursuant to the 2021 PRR that was approved on April 18, 2022 (Appendix A), groundwater monitoring wells PZ-20, RW-3, RW-5, and RW-8 were to be removed from the monitoring program, beginning in 2022. Monitoring wells RW-3, RW-5, and RW-8 were decommissioned, in accordance with NYSDEC Commissioner Policy 43: Groundwater Monitoring Well Decommissioning Policy, during the October 2022 semiannual sampling event. The decommissioning logs are presented in Appendix E.

A review of groundwater elevation data in comparison to total xylene concentrations (Appendix G) indicate that higher groundwater elevations at the time of sampling typically result in higher reported total xylene concentrations. The higher groundwater table elevations are typically observed during the second quarter (Spring) sampling event.

Historical xylene results are presented in Table 2, visual representation presented in Appendix G, and current analytical lab reports are presented in Appendix F. Additional historical details can be found in previously submitted PRRs.

### **3.3 Annual Site Inspection Results**

The results from the annual site inspection show that the soil cover remains in place and intact and that the ICs/ECs continue to protect public health and the environment. The on-site ICs/ECs remain in place. They have proven to be effective and have not been impaired in their ability to protect human health and the environment. The Site remains accessible to evaluate the ICs/ECs and continues to be compliant with the established Declaration of Covenants and Restrictions. The site inspection report can be found in Appendix C. The NYSDEC Site Management Periodic Review Report Notice Institutional and Engineering Controls Certification Form has been provided in Appendix I.

## **4 Summary of Site Evaluation**

The Site is compliant with the ROD, as (1) the contaminated soil was treated, redeposited, and covered with a soil cover, (2) the groundwater treatment plant was operated until the contaminants were no longer able to be effectively removed or cleanup objectives were met, and (3) monitoring of the groundwater continues semiannually and has demonstrated no further off-site migration.

Groundwater analytical results from the 2022 sampling events indicated that groundwater collected from MW-2A, MW-9, and RW-7 were the only samples where xylene was detected at a concentration greater than the site-specific clean-up goal of 5 micrograms per liter. A review historical and current groundwater data from the existing monitoring points, beginning June 2014, demonstrate the following:

- Xylene has been detected at concentrations greater than the groundwater cleanup objectives in 3 of the 9 wells sampled (MW-2A, MW-9, and RW-7).
- Xylene has not been detected at a concentration equal to, or greater than, the groundwater cleanup objective in samples collected from PZ-20, PZ-21, RW-3, RW-5, and RW-8. Note that PZ-20, RW-3, RW-5, and RW-8 were all removed from sampling program in second half of 2022.

- Linear regression trend graphs for locations with xylene concentration greater than the cleanup objectives indicated stable to decreasing xylene trends (Figures 7A through 7D).

Analytical results from monitoring well MW-2A remain consistent with those from MW-9, due to their close proximity and well screen across the same groundwater interface. As such, it is proposed that monitoring well MW-2A be removed from the sampling program as the sampling data no longer serves a purpose.

The 2022 groundwater sampling events were conducted via low-flow sampling. The low-flow sampling logs are presented in Appendix H. The 2022 sampling results were consistent with historical results thus low-flow techniques will continue to be utilized at the Site.

## 5 Plans Moving Forward

Analytical results continue to indicate that the groundwater plume is stable to decreasing. The site remedy and the SMP are effective in complying with cleanup objectives and are protective of public health and the environment. Based on the current and historical data it is requested the following changes to the monitoring program be made:

- Groundwater sample collection via low-flow techniques should continue in 2023.
- Removal of MW-2A from the sampling program as, due to their location and well screens across the same groundwater interface, the analytical data is duplicative of the data from sampling location MW-9.
- Transition to annual sampling for monitoring wells MW-9, PZ-21, RW-6, and RW-7, to occur in the second quarter of each year.
- Cease the submittal of groundwater monitoring reports, only submitting the 2023 PRR by early 2024.
- Complete the Water Well Abandonment and Decommissioning Report for monitoring well PZ-4 based on the evidence documented in this PRR.

## 7 References

Envirospec Engineering, PLLC. 2010. *Site Management Plan*, Maestri Site, Onondaga County, New York, NYSDEC Site Number: 7-34-025. Prepared for Stauffer Management Company. August.

# Tables



**TABLE 1**  
**REMEDIAL ACTION OBJECTIVES**  
**2022 PERIOD REVIEW REPORT**  
**MAESTRI SITE**  
**GEDDES, NEW YORK**

| Parameter                                    | Groundwater<br>Cleanup Objectives<br>(µg/L) |
|----------------------------------------------|---------------------------------------------|
| <b>Volatile Organic Compound (VOC)</b>       |                                             |
| Benzene                                      | 5                                           |
| Ethylbenzene                                 | 5                                           |
| t-1,2-dichloroethylene                       | 5                                           |
| Tetrachloroethylene                          | 5                                           |
| Toluene                                      | 5                                           |
| Xylene                                       | 5                                           |
| Total VOCs                                   | 100                                         |
| <b>Semi-Volatile Organic Compound (SVOC)</b> |                                             |
| Benzoic acid                                 | 5                                           |
| 2-methylphenol                               | 50                                          |
| 4-methylphenol                               | 50                                          |

| Parameter                                    | Soil Cleanup<br>Objectives (µg/L) |
|----------------------------------------------|-----------------------------------|
| <b>Volatile Organic Compound (VOC)</b>       |                                   |
| Benzene                                      | 0.06                              |
| Ethylbenzene                                 | 5.5                               |
| t-1,2-dichloroethylene                       | 0.3                               |
| Tetrachloroethylene                          | 1.4                               |
| Toluene                                      | 1.5                               |
| Xylene                                       | 1.2                               |
| Total VOC                                    | 10                                |
| <b>Semi-Volatile Organic Compound (SVOC)</b> |                                   |
| Benzoic acid                                 | 2.7                               |
| 2-methylphenol                               | 0.1                               |
| 4-methylphenol                               | 0.9                               |
| Total SVOC                                   | 500                               |

**Notes:**

Site Remedial Action Objectives are based on Remedial Objectives from the 2011 SMP.

**TABLE 2**  
**SUMMARY OF HISTORIC TOTAL XYLENE CONCENTRATIONS**  
**2022 PERIODIC REVIEW REPORT**  
**MAESTRI SITE**  
**GEDDES, NEW YORK**

| Date Collected                                     | MW-2A         | MW-9          | PZ-4 | PZ-20       | PZ-21       | RW-3 | RW-4 | RW-5        | RW-6      | RW-7        | RW-8 |
|----------------------------------------------------|---------------|---------------|------|-------------|-------------|------|------|-------------|-----------|-------------|------|
| 2-May-06                                           | 2400          | NS            | NS   | *****       | *****       | <3.0 | **   | <3.0        | 58        | <30         | <3.0 |
| 6-Jun-06                                           | NS            | NS            | NS   | *****       | *****       | <3.0 | **   | <3.0        | 9         | 102         | <3.0 |
| 4-Jul-06                                           | 665           | NS            | NS   | *****       | *****       | <3.0 | **   | <3.0        | 34        | 130         | NS   |
| 1-Aug-06                                           | NS            | NS            | NS   | *****       | *****       | 5    | **   | <3.0        | 63        | 90          | <3.0 |
| 3-Oct-06                                           | <3.0          | NS            | NS   | *****       | *****       | 3.3  | **   | <3.0        | 3         | 55          | NS   |
| 2-Jan-07                                           | <3.0          | NS            | NS   | *****       | *****       | <3.0 | **   | <3.0        | 29        | 40          | NS   |
| 3-Apr-07                                           | 6.4           | NS            | NS   | *****       | *****       | INC  | **   | <3.0        | 145       | 3.7         | NS   |
| 3-Jul-07                                           | 410           | NS            | NS   | *****       | *****       | <3.0 | **   | <3.0        | <3.0      | <3.0        | NS   |
| 2-Oct-07                                           | 1025          | NS            | NS   | *****       | *****       | <3.0 | **   | <3.0        | 30        | 6           | NS   |
| 7-Jan-08                                           | 3.0           | 11            | NS   | *****       | *****       | <3.0 | **   | 14          | 52        | <3.0        | NS   |
| 1-Apr-08                                           | 987           | NS            | NS   | *****       | *****       | 22   | **   | <3.0        | 27        | 15          | NS   |
| <b>Treatment System Shutdown on May 27th, 2008</b> |               |               |      |             |             |      |      |             |           |             |      |
| Jun-08                                             | 68 [54]       | 964           | <3.0 | *****       | *****       | 6.1  | **   | <3.0        | 84        | 119         | <3.0 |
| Jul-08                                             | 1,700         | 1,800         | <3.0 | *****       | *****       | 4.4  | **   | <3.0 [<3.0] | 71        | 124         | <3.0 |
| Aug-08                                             | 1,770 [1,200] | 1,795         | <3.0 | *****       | *****       | 4.3  | **   | <3.0        | 148       | 104         | <3.0 |
| Nov-08                                             | 16            | 73            | <3.0 | *****       | *****       | <3.0 | **   | <3.0        | 158       | 73          | <3.0 |
| Feb-09                                             | 9.1           | <3.0          | <3.0 | *****       | *****       | <3.0 | **   | <3.0        | 590       | <3.0 [<3.0] | <3.0 |
| Jun-09                                             | 4,635         | 7,830         | <3.0 | <3.0        | *****       | <3.0 | **   | <3.0        | 641       | 23          | <3.0 |
| Dec-09                                             | 5,780         | 5,145         | <3.0 | <3.0        | *****       | <3.0 | **   | <3.0        | 417       | 169         | <3.0 |
| May-10                                             | 100 [122]     | 190           | <3.0 | <3.0        | *****       | <3.0 | **   | <3.0        | 862       | 15          | <3.0 |
| Oct-10                                             | 32            | <3.0          | <3.0 | <3.0        | *****       | <3.0 | **   | <3.0        | 168 [157] | 71          | <3.0 |
| Apr-11                                             | 685           | 3,598 [3,220] | 10   | <3.0        | *****       | <3.0 | **   | <3.0        | 208       | 66          | <3.0 |
| Jun-11                                             | 5,352         | 9,337         | <3.0 | <3.0        | *****       | NS   | **   | NS          | 906       | 7.7 [7.8]   | NS   |
| Nov-11                                             | 1,560 [1,980] | 3.8           | <3.0 | <3.0        | *****       | <3.0 | **   | <3.0        | 749       | <3.0        | <3.0 |
| Jun-12                                             | 230 [179]     | 5,370         | <3.0 | < 3.0       | <3.0        | <3.0 | **   | <3.0        | 622       | 41          | <3.0 |
| Dec-12                                             | 2,903         | NS (DRY)      | <3.0 | <3.0 [<3.0] | <3.0        | <3.0 | **   | 13          | 511       | 145         | 7.2  |
| Jun-13                                             | <3.0          | <3.0 [<3.0]   | 4.1  | < 3.0       | <3.0        | <3.0 | **   | <3.0        | 14        | <3.0        | <3.0 |
| Nov-13                                             | 2,722         | 7.0           | 4.9  | < 3.0       | <3.0 [<3.0] | <3.0 | **   | <3.0        | 418       | 91          | <3.0 |

**TABLE 2**  
**SUMMARY OF HISTORIC TOTAL XYLENE CONCENTRATIONS**  
**2022 PERIODIC REVIEW REPORT**  
**MAESTRI SITE**  
**GEDDES, NEW YORK**

| Date Collected | MW-2A         | MW-9          | PZ-4 | PZ-20 | PZ-21       | RW-3 | RW-4 | RW-5        | RW-6        | RW-7        | RW-8        |
|----------------|---------------|---------------|------|-------|-------------|------|------|-------------|-------------|-------------|-------------|
| Jun-14         | 4,700         | 2,800         | <3.0 | < 3.0 | 3.5         | <3.0 | **   | <3.0 [<3.0] | 770         | 8.0         | <3.0        |
| Oct-14         | 825           | 145           | 7.1  | <1.0  | <1.0        | <1.0 | **   | <1.0        | 466 [470]   | 184.0       | <1.0        |
| May-15         | 407           | <1.0          | 5.3  | <1.0  | <1.0 [<1.0] | <1.0 | **   | <1.0        | 604         | 16.6        | 2.0         |
| Nov-15         | 769           | 739           | 5.3  | <1.0  | <1.0        | 15.4 | **   | <1.1        | 183 [208]   | 5.2         | 3.4         |
| Apr-16         | 261           | < 1.0         | 5.7  | <1.0  | <1.0        | <1.0 | **   | <1.0        | 707         | 22.6 [23.2] | <1.0        |
| Oct-16         | 68.3          | < 1.0         | 4.3  | <1.0  | <1.0        | <1.0 | **   | <1.0        | 88.9 [94.5] | <1.0        | <1.0        |
| Apr-17         | 3,350         | 3,380         | 6.4  | <1.0  | <1.0 [<1.0] | <1.0 | **   | <1.0        | 333         | 0.4         | <1.0        |
| Nov-17         | <3.0          | <3.0          | 4.6  | <3.0  | < 3.0       | <3.0 | **   | < 3.0       | <3.0        | 3.0         | <3.0 [<3.0] |
| Jun-18         | 1,020         | 870           | 10   | <3.0  | <3.0        | <3.0 | **   | <3.0        | 70          | 21          | <3.0 [<3.0] |
| Oct-18         | 170 [160]     | 410           | 4.3  | <1.0  | <1.0        | <1.0 | **   | <1.0        | 150         | 13          | <1.0        |
| May-19         | 1,630         | 6,400 [3,700] | 5.8  | <1.0  | <1.0        | <1.0 | **   | <1.0        | 300         | 33          | 1.6         |
| Oct-19         | 32 [23]       | 230           | 4.3J | <1.0  | <1.0        | <1.0 | **   | <1.0        | 9.5         | <1.0        | <1.0        |
| May-20         | 1,270 [1,630] | 1,270         | 5.2  | <5.0  | <5.0        | <5.0 | **   | <5.0        | 267         | <5.0        | <5.0        |
| Oct-20         | 284           | 520           | NA   | <5.0  | <5.0        | <5.0 | **   | <5.0 [<5.0] | 62          | 114         | <5.0        |
| May-21         | <2.0          | <2.0 [<2.0]   | NA   | <2.0  | <2.0        | <2.0 | **   | <2.0        | <2.0        | <2.0        | <2.0        |
| Nov-21         | <2.0 [<2.0]   | <2.0          | NA   | <2.0  | <2.0        | NR   | **   | NR          | 18          | <2.0        | NR          |
| May-22         | 420 J         | 640 [620]     | NA   | <10   | <10         | <40  | **   | <10         | 2.8 J       | <10         | <10         |
| Oct-22         | 120 [110]     | <2.0          | NA   | NR    | <2.0        | NR   | **   | NR          | 4.9         | 14          | NR          |

**Notes:**

All analytical results are in micrograms per liter (µg/L).

October 2022 samples were analyzed by Eurofins TestAmerica in Edison, NJ.

Monitoring well MW-2A was formerly known as RW-2 in 2006.

INC = Inconclusive laboratory result

J = Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value

NA = Not available

NS = Not sampled

NR = Not required for sampling

\*\* = Wells No. 1 and 4 were removed as part of the excavation

\*\*\*\* = PZ-20 was installed on June 24, 2009

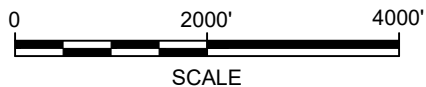
\*\*\*\*\* = PZ-21 was installed on June 7, 2012

< = Constituent is not detected; the associated value is the reporting limit

# Figures



REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. QUAD., CAMILLUS AND SYRACUSE WEST, NEW YORK, 2019.



NEW YORK

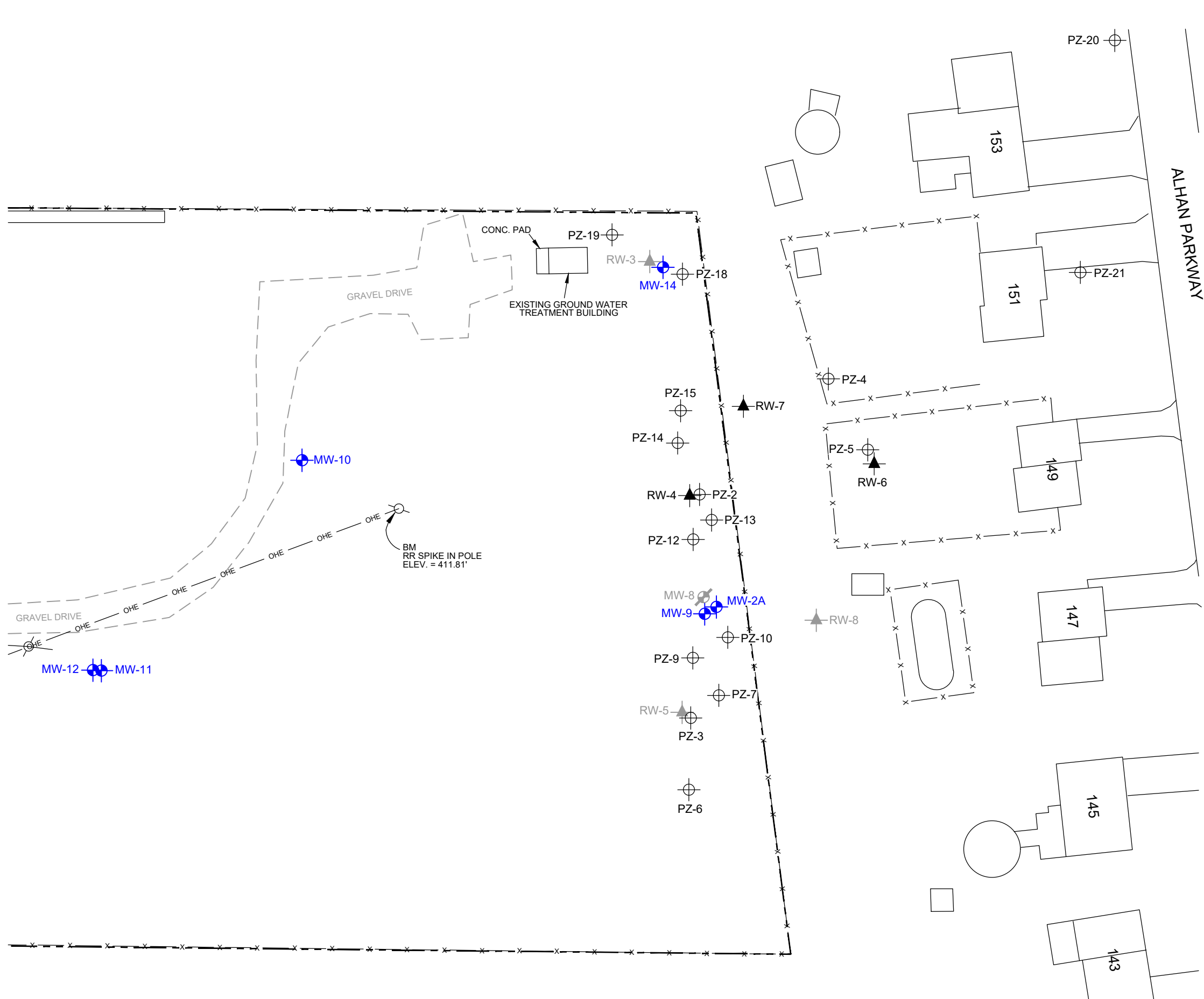
MAESTRI SITE  
904 STATE FAIR BOULEVARD, GEDDES, NEW YORK  
2022 PERIODIC REVIEW REPORT

## SITE LOCATION MAP



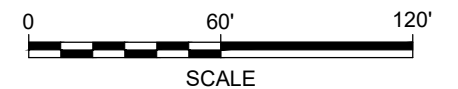
FIGURE

1



- LEGEND**
- MAESTRI SITE PROPERTY BOUNDARY
  - 8' HIGH SECURITY FENCE
  - ELECTRIC POLE
  - OVERHEAD ELECTRIC LINE
  - MONITORING WELL
  - REMOVED MONITORING WELL
  - RECOVERY WELL
  - REMOVED RECOVERY WELL
  - PIEZOMETER

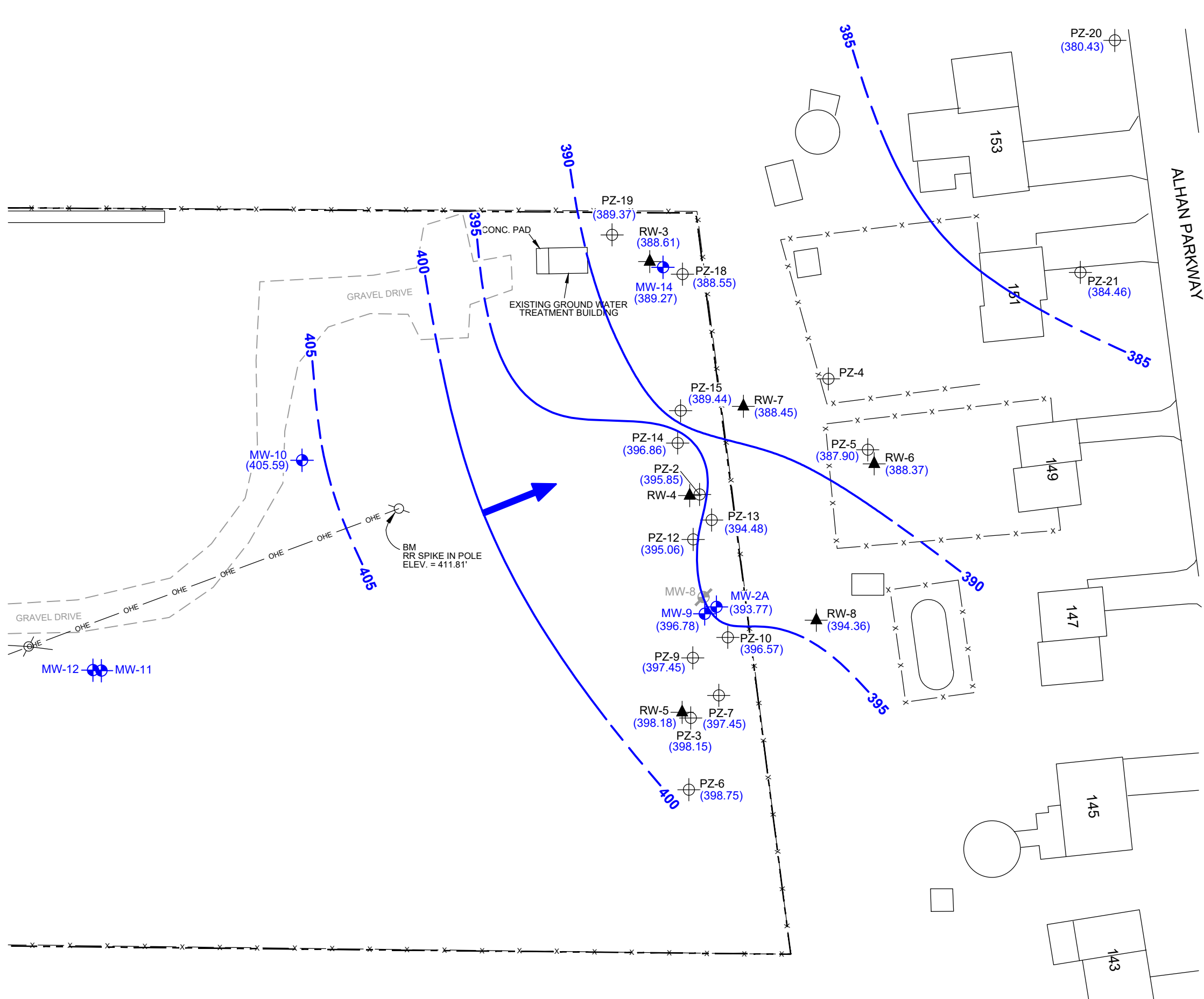
- NOTES:**
- BASE MAP SUPPLIED BY IT CORPORATION. SURVEY BY CT MALE, 2008.
  - FEATURES AND LOCATIONS ARE APPROXIMATE.



MAESTRI SITE  
904 STATE FAIR BOULEVARD, GEDDES, NEW YORK  
**2022 PERIODIC REVIEW REPORT**

**SITE PLAN**

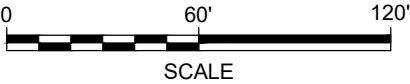




**LEGEND**

- MAESTRI SITE PROPERTY BOUNDARY
- 8' HIGH SECURITY FENCE
- ELECTRIC POLE
- OVERHEAD ELECTRIC LINE
- MONITORING WELL
- REMOVED MONITORING WELL
- RECOVERY WELL
- PIEZOMETER
- (405.59) GROUNDWATER ELEVATION (FEET)
- GROUNDWATER ELEVATION CONTOUR (FEET, DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION

- NOTES:**
- BASE MAP SUPPLIED BY IT CORPORATION. SURVEY BY CT MALE, 2008.
  - FEATURES AND LOCATIONS ARE APPROXIMATE.
  - MONITORING WELLS WITHOUT GROUNDWATER ELEVATIONS ARE NOT GAUGED.



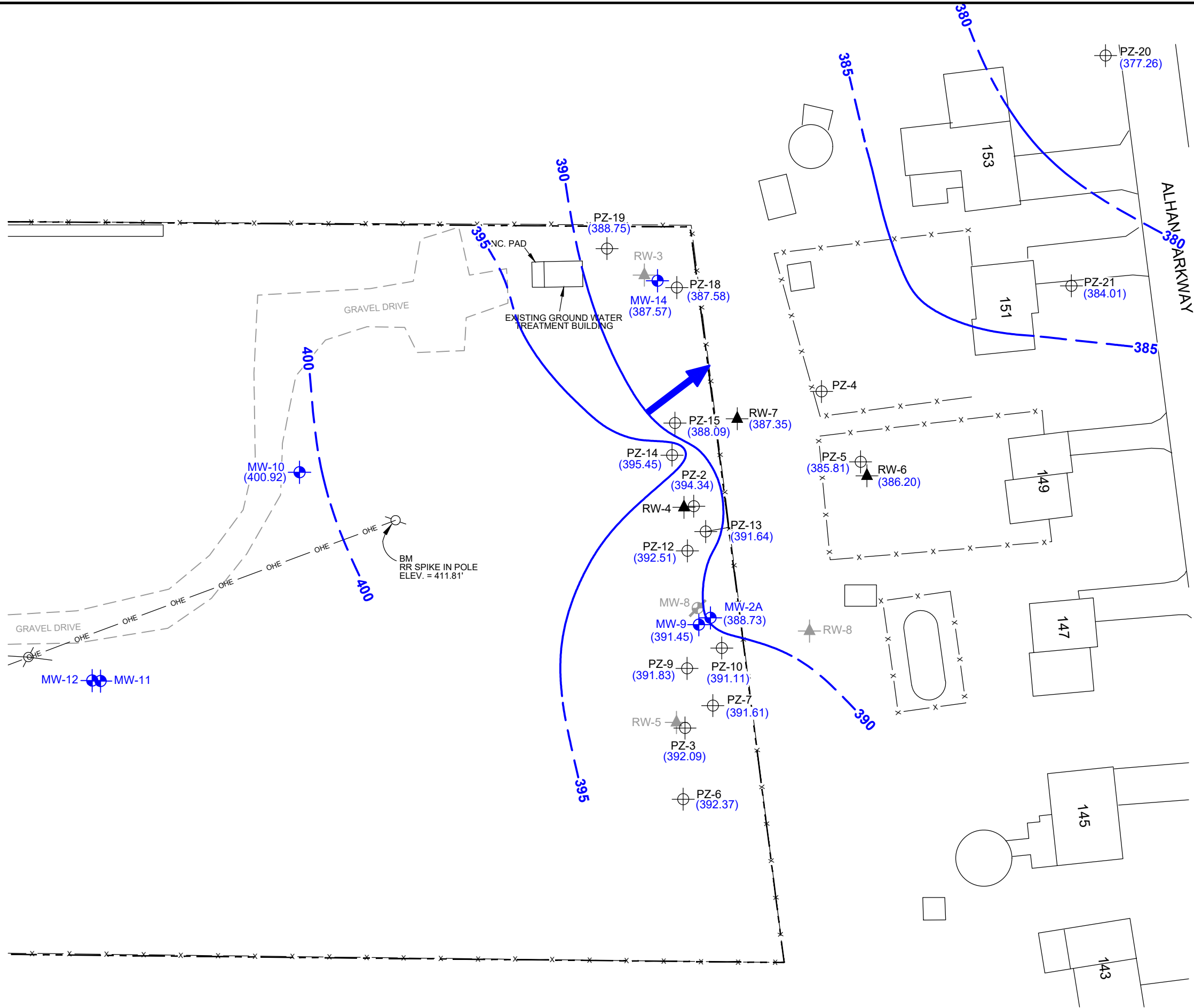
MAESTRI SITE  
904 STATE FAIR BOULEVARD, GEDDES, NEW YORK  
2022 PERIODIC REVIEW REPORT

**GROUNDWATER ELEVATION  
CONTOUR MAP  
MAY 24, 2022**

**ARCADIS**

FIGURE  
**3**

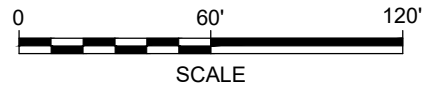




**LEGEND**

- MAESTRI SITE PROPERTY BOUNDARY
- 8' HIGH SECURITY FENCE
- ELECTRIC POLE
- OVERHEAD ELECTRIC LINE
- MONITORING WELL
- REMOVED MONITORING WELL
- RECOVERY WELL
- REMOVED RECOVERY WELL
- PIEZOMETER
- (400.92) GROUNDWATER ELEVATION (FEET)
- GROUNDWATER ELEVATION CONTOUR (FEET, DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION

- NOTES:**
- BASE MAP SUPPLIED BY IT CORPORATION. SURVEY BY CT MALE, 2008.
  - FEATURES AND LOCATIONS ARE APPROXIMATE.
  - MONITORING WELLS WITHOUT GROUNDWATER ELEVATIONS ARE NOT GAUGED.



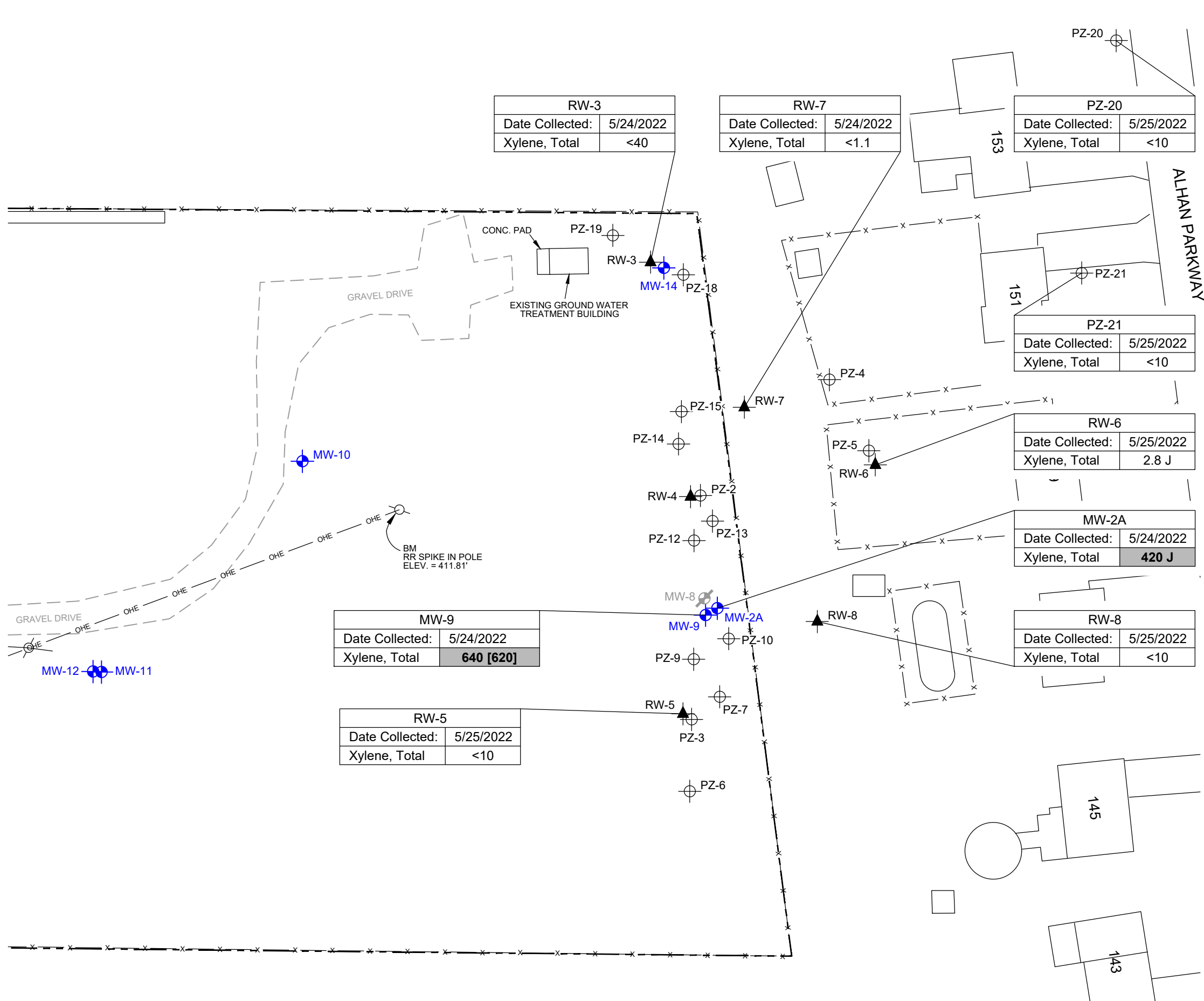
MAESTRI SITE  
904 STATE FAIR BOULEVARD, GEDDES, NEW YORK  
2022 PERIODIC REVIEW REPORT

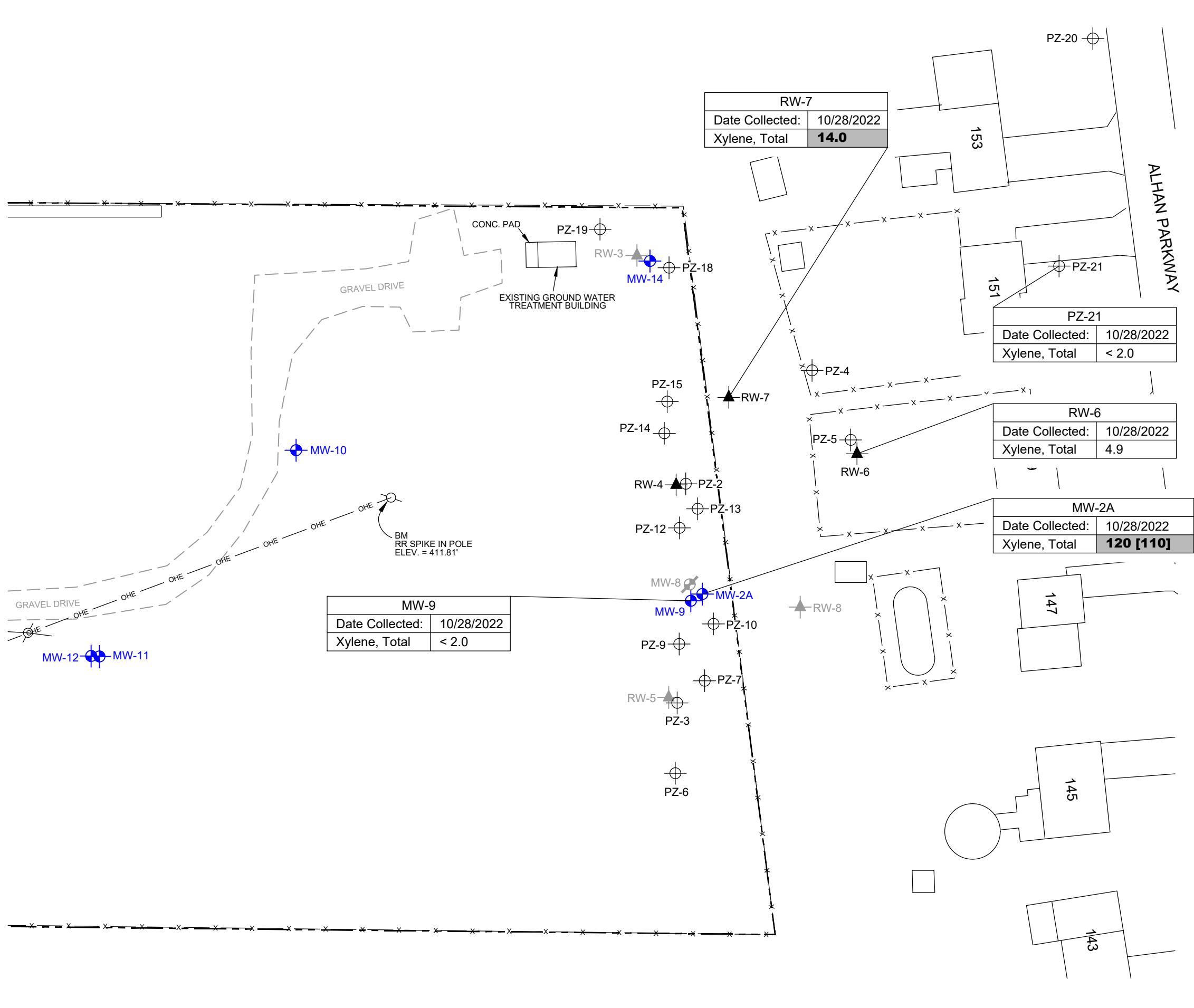
**GROUNDWATER ELEVATION  
CONTOUR MAP  
OCTOBER 28, 2022**

**ARCADIS**

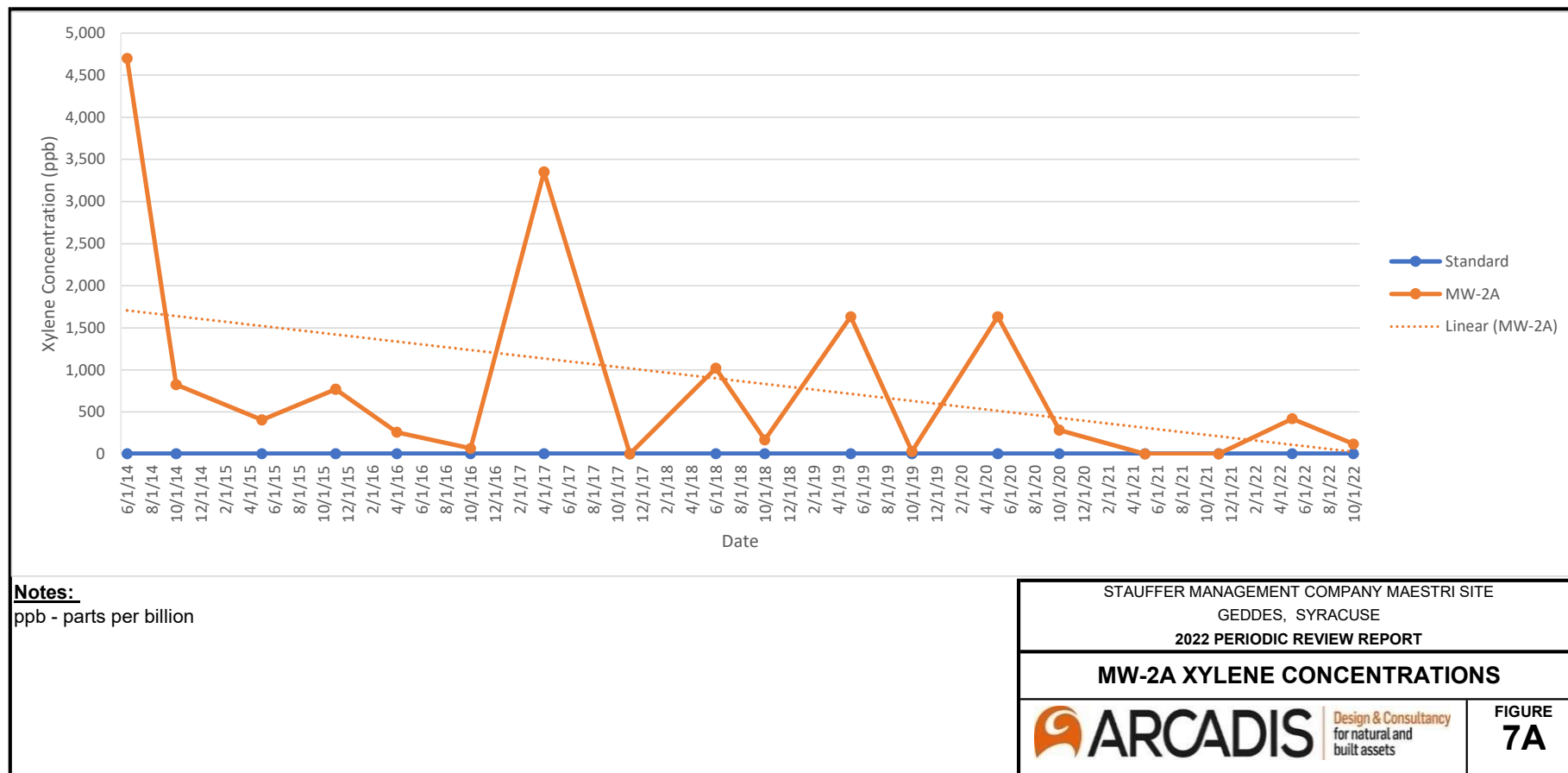
FIGURE  
**4**







- NOTES:
1. ALL CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (µg/L).
  2. BASE MAP SUPPLIED BY IT CORPORATION. SURVEY BY CT MALE, 2008.
  3. BOLD VALUE AND SHADING DENOTES THAT THE CONCENTRATION WAS DETECTED ABOVE THE SITE SPECIFIC CLEANUP GOALS
  4. FEATURES AND LOCATIONS ARE APPROXIMATE.
  5. < = CONSTITUENT IS NOT DETECTED AND THE ASSOCIATED VALUE IS THE REPORTING LIMIT
  6. [ ] = INDICATES FIELD DUPLICATE SAMPLE RESULT



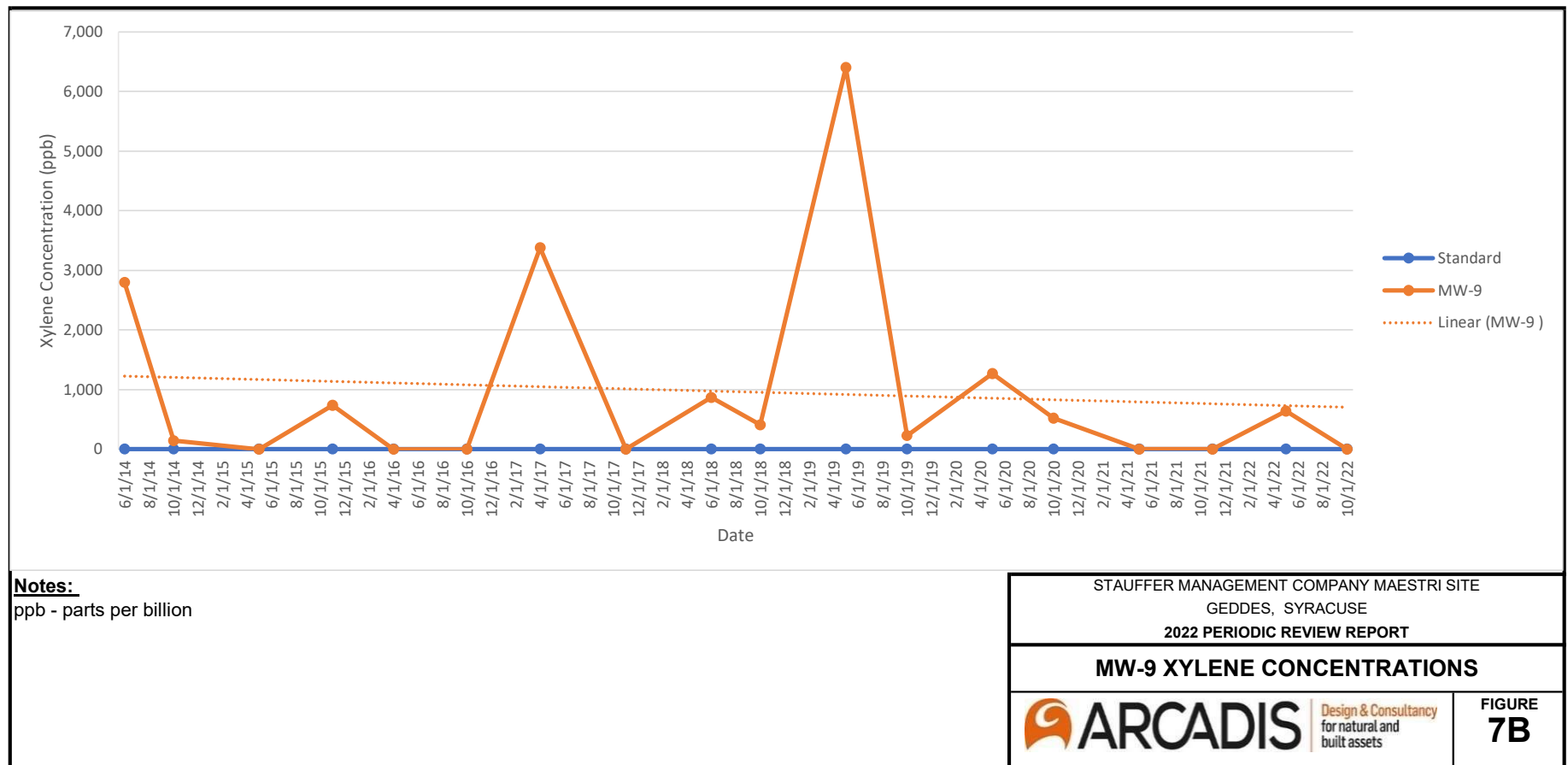
**Notes:**  
ppb - parts per billion

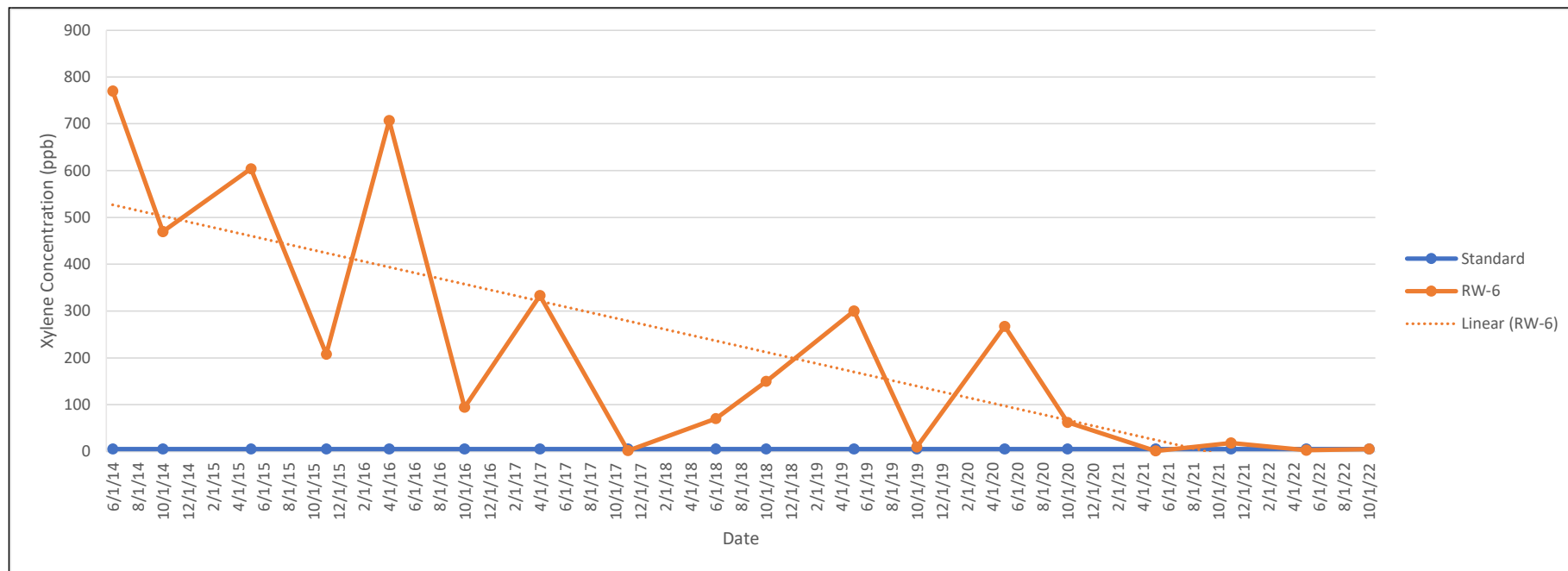
STAUFFER MANAGEMENT COMPANY MAESTRI SITE  
GEDDES, SYRACUSE  
2022 PERIODIC REVIEW REPORT

**MW-2A XYLENE CONCENTRATIONS**



**FIGURE  
7A**





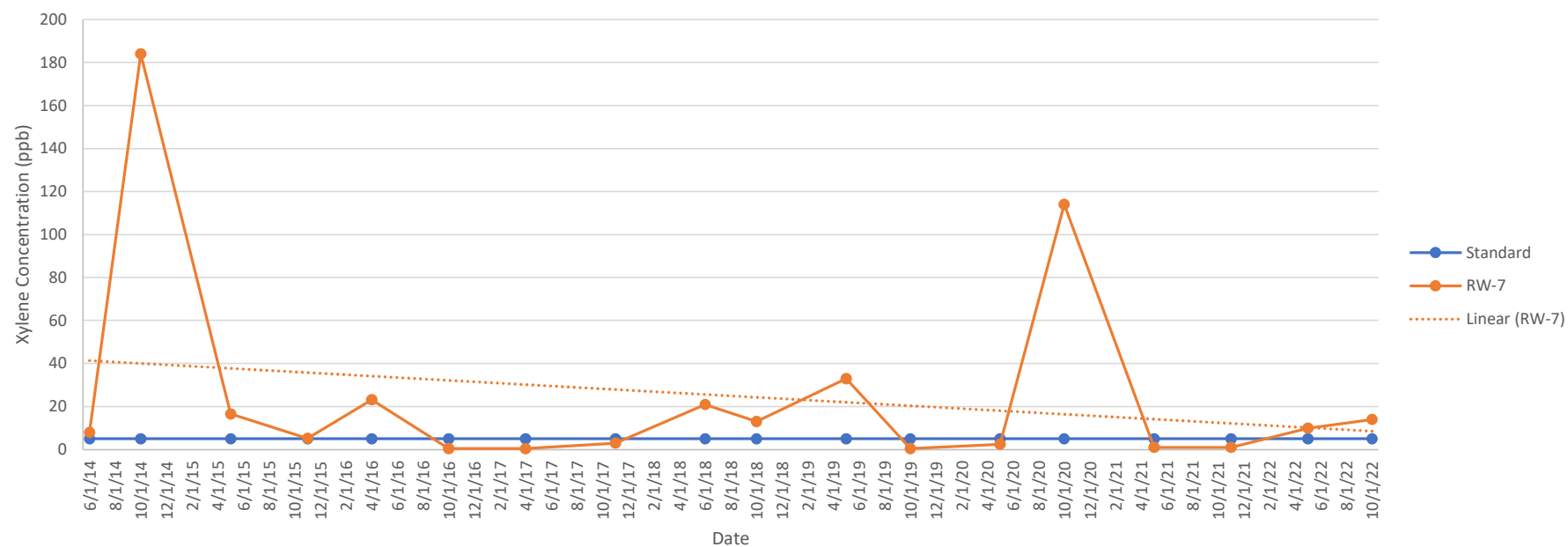
**Notes:**  
ppb - parts per billion

STAUFFER MANAGEMENT COMPANY MAESTRI SITE  
GEDDES, SYRACUSE  
2022 PERIODIC REVIEW REPORT

### RW-6 XYLENE CONCENTRATIONS



**FIGURE  
7C**



**Notes:**  
ppb - parts per billion

STAUFFER MANAGEMENT COMPANY MAESTRI SITE  
GEDDES, SYRACUSE  
2022 PERIODIC REVIEW REPORT

### RW-7 XYLENE CONCENTRATIONS



**FIGURE  
7D**

# Appendix A

## **NYSDEC Site Management Periodic Review Report Notice**

# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## Division of Environmental Remediation

625 Broadway, 11<sup>th</sup> Floor, Albany, NY 12233-7020

P: (518)402-9543 | F: (518)402-9547

[www.dec.ny.gov](http://www.dec.ny.gov)

12/6/2022

John-Paul Rossi  
Project Manager  
Stauffer Management Company LLC  
1800 Concord Pike P.O. Box 15437  
FOP 3-415  
Wilmington, DE 19850-5437  
[johnpaul.rossi@astrazeneca.com](mailto:johnpaul.rossi@astrazeneca.com)

### **Re: Reminder Notice: Site Management Periodic Review Report and IC/EC Certification Submittal**

**Site Name:** Maestri Site

**Site No.:** 734025

**Site Address:** 900 State Fair Boulevard  
Solvay, NY 13209

Dear John-Paul Rossi:

This letter serves as a reminder that sites in active Site Management (SM) require the submittal of a periodic progress report. This report, referred to as the Periodic Review Report (PRR), must document the implementation of, and compliance with, site-specific SM requirements. Section 6.3(b) of DER-10 *Technical Guidance for Site Investigation and Remediation* (available online at <http://www.dec.ny.gov/regulations/67386.html>) provides guidance regarding the information that must be included in the PRR. Further, if the site is comprised of multiple parcels, then you as the Certifying Party must arrange to submit one PRR for all parcels that comprise the site. The PRR must be received by the Department no later than **February 14, 2023**. Guidance on the content of a PRR is enclosed.

Site Management is defined in regulation (6 NYCRR 375-1.2(at)) and in Chapter 6 of DER-10. Depending on when the remedial program for your site was completed, SM may be governed by multiple documents (e.g., Operation, Maintenance, and Monitoring Plan; Soil Management Plan) or one comprehensive Site Management Plan.

A Site Management Plan (SMP) may contain one or all of the following elements, as applicable to the site: a plan to maintain institutional controls and/or engineering controls ("IC/EC Plan"); a plan for monitoring the performance and effectiveness of the selected remedy ("Monitoring Plan"); and/or a plan for the operation and maintenance of the selected remedy ("O&M Plan"). Additionally, the technical requirements for SM are stated in the decision document (e.g., Record of Decision) and, in some cases, the legal agreement directing the remediation of the site (e.g., order on consent, voluntary agreement, etc.).

When you submit the PRR (by the due date above), include the enclosed forms documenting that all SM requirements are being met. The Institutional Controls (ICs) portion of the form (Box 6) must be signed by you or your designated representative. If you cannot certify that all SM requirements are being met, you must submit a Corrective Measures Work Plan that identifies the actions to be taken to restore compliance. The work plan must include a schedule to be approved by the Department. The Periodic Review process will not be considered complete until all necessary corrective measures are completed and all required controls are certified. Instructions for completing the certifications are enclosed.





All site-related documents and data, including the PRR, must be submitted in electronic format to the Department of Environmental Conservation. The required format for documents is an Adobe PDF file with optical character recognition and no password protection. Data must be submitted as an electronic data deliverable (EDD) according to the instructions on the following webpage:

<https://www.dec.ny.gov/chemical/62440.html>

Documents may be submitted to the project manager either through electronic mail or by using the Department's file transfer service at the following webpage:

<https://fts.dec.state.ny.us/fts/>

The Department will not approve the PRR unless all documents and data generated in support of the PRR have been submitted using the required formats and protocols.

You may contact Michael Belveg, the Project Manager, at 315-426-7446 or [michael.belveg@dec.ny.gov](mailto:michael.belveg@dec.ny.gov) with any questions or concerns about the site. Please notify the project manager before conducting inspections or field work. You may also write to the project manager at the following address:

New York State Department of Environmental Conservation  
615 Erie Blvd W

Syracuse, NY 13204

#### Enclosures

PRR General Guidance  
Certification Form Instructions  
Certification Forms

ec: w/ enclosures

ec: w/ enclosures

Michael Belveg, Project Manager  
Gary Priscott, Hazardous Waste Remediation Supervisor, Region 7

Arcadis - Rebecca Hensel - [rebecca.hensel@arcadis.com](mailto:rebecca.hensel@arcadis.com)

The following parcel owner did not receive an ec:

Mark Maestri - Parcel Owner

## Enclosure 1

### Certification Instructions

#### I. Verification of Site Details (Box 1 and Box 2):

Answer the three questions in the Verification of Site Details Section. The Owner and/or Qualified Environmental Professional (QEP) may include handwritten changes and/or other supporting documentation, as necessary.

#### II. Certification of Institutional Controls/ Engineering Controls (IC/ECs)(Boxes 3, 4, and 5)

1.1.1. Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Owner / Remedial Party should petition the Department separately to request approval to remove the control.

2. In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.

3. If you cannot certify "YES" for each Control listed in Box 3 & Box 4, sign and date the form in Box 5. Attach supporting documentation that explains why the **Certification** cannot be rendered, as well as a plan of proposed corrective measures, and an associated schedule for completing the corrective measures. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified; however, the certification process will not be considered complete until corrective action is completed.

If the Department concurs with the explanation, the proposed corrective measures, and the proposed schedule, a letter authorizing the implementation of those corrective measures will be issued by the Department's Project Manager. Once the corrective measures are complete, a new Periodic Review Report (with IC/EC Certification) must be submitted within 45 days to the Department. If the Department has any questions or concerns regarding the PRR and/or completion of the IC/EC Certification, the Project Manager will contact you.

#### III. IC/EC Certification by Signature (Box 6 and Box 7):

If you certified "YES" for each Control, please complete and sign the IC/EC Certifications page as follows:

- For the Institutional Controls on the use of the property, the certification statement in Box 6 shall be completed and may be made by the property owner or designated representative.
- For the Engineering Controls, the certification statement in Box 7 must be completed by a Professional Engineer or Qualified Environmental Professional, as noted on the form.

# Appendix B

## **NYSDEC Low-Flow Approval Email**

## Matt, Luke

---

**From:** Hensel, Rebecca  
**Sent:** Tuesday, May 18, 2021 11:45 AM  
**To:** Matt, Luke; O'Leary, Zoe  
**Subject:** FW: NYSDEC Site No. 7-34-025 Maestri Site Stauffer Management Company - Introduction

Please save and file

**Rebecca Hensel, EIT** | Environmental Engineer | [rebecca.hensel@arcadis.com](mailto:rebecca.hensel@arcadis.com)

**Arcadis** | U.S., Inc.

110 West Fayette Street Suite 300, Syracuse, NY | 13202 | USA

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---

**From:** Belveg, Michael J (DEC) <michael.belveg@dec.ny.gov>  
**Sent:** Tuesday, May 18, 2021 11:32 AM  
**To:** Hensel, Rebecca <Rebecca.Hensel@arcadis.com>; Rossi, John-Paul <Johnpaul.rossi@astrazeneca.com>  
**Cc:** Finocchiaro, Victor <Victor.Finocchiaro@arcadis.com>  
**Subject:** Re: NYSDEC Site No. 7-34-025 Maestri Site Stauffer Management Company - Introduction

Hi Rebecca,

This is acceptable to the Department for the 2021 sampling events.

Thanks,  
Mike

---

**From:** Hensel, Rebecca <[Rebecca.Hensel@arcadis.com](mailto:Rebecca.Hensel@arcadis.com)>  
**Sent:** Thursday, May 13, 2021 2:09 PM  
**To:** Rossi, John-Paul <[Johnpaul.rossi@astrazeneca.com](mailto:Johnpaul.rossi@astrazeneca.com)>; Belveg, Michael J (DEC) <[michael.belveg@dec.ny.gov](mailto:michael.belveg@dec.ny.gov)>  
**Cc:** Finocchiaro, Victor <[Victor.Finocchiaro@arcadis.com](mailto:Victor.Finocchiaro@arcadis.com)>  
**Subject:** RE: NYSDEC Site No. 7-34-025 Maestri Site Stauffer Management Company - Introduction

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Good Morning Mike,

Thank you again for taking time to discuss the sampling activities at the Maestri site. As discussed during the meeting Stauffer Management Company is requesting to utilize low flow groundwater sampling methodology in place of 3 volume purge for the 2021 sampling events (May & October). A results comparison of the new results from the Low Flow sampling will be compared to the previously collected 3 Volume purge samples in the 2021 Periodic Review Report.

Please let us know if this is acceptable and if you have any additional questions

Thank you,  
Rebecca

**Rebecca Hensel, EIT** | Environmental Engineer | [rebecca.hensel@arcadis.com](mailto:rebecca.hensel@arcadis.com)

**Arcadis** | U.S., Inc.

110 West Fayette Street Suite 300, Syracuse, NY | 13202 | USA

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---

**From:** Rossi, John-Paul <[Johnpaul.rossi@astrazeneca.com](mailto:Johnpaul.rossi@astrazeneca.com)>

**Sent:** Tuesday, May 11, 2021 11:30 AM

**To:** Belveg, Michael J (DEC) <[michael.belveg@dec.ny.gov](mailto:michael.belveg@dec.ny.gov)>; Hensel, Rebecca <[Rebecca.Hensel@arcadis.com](mailto:Rebecca.Hensel@arcadis.com)>

**Subject:** RE: NYSDEC Site No. 7-34-025 Maestri Site Stauffer Management Company - Introduction

Thanks Mike for the information and taking the time to meet with us. Look forward to working with you on this matter. Best, John-Paul

---

**From:** Belveg, Michael J (DEC) <[michael.belveg@dec.ny.gov](mailto:michael.belveg@dec.ny.gov)>

**Sent:** Tuesday, May 11, 2021 9:14 AM

**To:** [rebecca.hensel@arcadis.com](mailto:rebecca.hensel@arcadis.com)

**Cc:** Rossi, John-Paul <[Johnpaul.rossi@astrazeneca.com](mailto:Johnpaul.rossi@astrazeneca.com)>

**Subject:** Re: NYSDEC Site No. 7-34-025 Maestri Site Stauffer Management Company - Introduction

[james.sullivan@health.ny.gov](mailto:james.sullivan@health.ny.gov)

---

**From:** Hensel, Rebecca <[Rebecca.Hensel@arcadis.com](mailto:Rebecca.Hensel@arcadis.com)>

**Sent:** Monday, May 3, 2021 5:38 PM

**To:** Belveg, Michael J (DEC) <[michael.belveg@dec.ny.gov](mailto:michael.belveg@dec.ny.gov)>

**Cc:** Finocchiaro, Victor <[Victor.Finocchiaro@arcadis.com](mailto:Victor.Finocchiaro@arcadis.com)>; Rossi, John-Paul <[Johnpaul.rossi@astrazeneca.com](mailto:Johnpaul.rossi@astrazeneca.com)>

**Subject:** NYSDEC Site No. 7-34-025 Maestri Site Stauffer Management Company - Introduction

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Good Afternoon Michael,

Arcadis has recently taken over the sampling and reporting activities for the Maestri and Novack sites and we would like to set up an introduction meeting to discuss upcoming sampling events and sampling methodologies.

Please let me know if you have preferred days/times you would like to meet.

Thank you,  
Rebecca

**Rebecca Hensel, EIT** | Environmental Engineer | [rebecca.hensel@arcadis.com](mailto:rebecca.hensel@arcadis.com)

**Arcadis** | U.S., Inc.

110 West Fayette Street Suite 300, Syracuse, NY | 13202 | USA

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# Appendix C

**October 2022 Site Inspection Forms**





110 West Fayette Street Suite 300  
Syracuse  
New York, 13202  
Phone: 315 446 9120  
Fax: 315 449 0017

Date: 10/28/2022  
Time: 7:30

## Site Inspection Report

|          |                                               |               |                              |
|----------|-----------------------------------------------|---------------|------------------------------|
| Client   | Stauffer Management Company LLC               | Project No.   | <del>30077264</del> 30120984 |
| Location | Maestri Site, 904 State Fair Blvd, Geddes, NY | Inspected By: | T. Derleth                   |

Please note any deficiencies, issues, or actions taken at the bottom of the page or on continuation pages

| Site Security                                                                                                                      | Circle one                         |                         |              | Comments/Action Required |
|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------|--------------|--------------------------|
| 1. Was gate closed and locked when arriving at site?                                                                               | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 2. Are there any holes or breaks in the fencing?                                                                                   | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 3. Was the door to the treatment shed locked?                                                                                      | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 4. Is the back gate closed and locked?                                                                                             | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 5. Are there any signs of vandalism or unauthorized entry (odd tire tracks, damage to fence, strange debris [bottles, cans, etc])? | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 5a. If so, explain below and notify SMC and Arcadis immediately                                                                    |                                    |                         |              |                          |
| <b>Wells</b>                                                                                                                       |                                    |                         |              |                          |
| 6. Are wells intact?                                                                                                               | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 7. Are all wells covered (with lid or cap)? (except wells noted below)                                                             | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 8. Are all wells locked? (except wells noted below)                                                                                | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| <b>Site Maintenance</b>                                                                                                            |                                    |                         |              |                          |
| 9. Is there any garbage or debris? If so, please remove/discard.                                                                   | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 10. Is there visible dust?                                                                                                         | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 11. Does the grass need to be mowed?                                                                                               | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           | Recently mowed           |
| 12. Do any areas need to be weeded or shrub cleared?                                                                               | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 13. Are there any bald spots in grassy areas?                                                                                      | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 14. Are the access roads clear?                                                                                                    | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 15. Do any areas (site roads or access to wells) need to be plowed?                                                                | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 16. Are there any sink holes throughout the site?                                                                                  | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 17. Any odors onsite?                                                                                                              | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 18. Are site signs still up and visible?                                                                                           | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| <b>Erosion Control</b>                                                                                                             |                                    |                         |              |                          |
| 19. Is silt fence still intact and upright?                                                                                        | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 19a. If areas need repair or erosion control installed, indicate below and contact Abscope for repairs.                            |                                    |                         |              |                          |
| 20. Is there any evidence of runoff? (i.e. water flow paths on ground)                                                             | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 21. Is there any standing, ponded, or pools of water?                                                                              | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 22. Are there any signs of runoff at the northeast corner? (stone area)                                                            | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 23. Is there currently any surface water runoff?                                                                                   | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 23a. If so, describe where, approximate flow, and appearance of water below.                                                       |                                    |                         |              |                          |
| <b>Treatment System</b>                                                                                                            |                                    |                         |              |                          |
| 24. Are the breakers for the pumps still in the off position?                                                                      | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 25. Does effluent totalizer on the wall for still read 2846902?                                                                    | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 25a. If not, contact Arcadis or SMC immediately and check that effluent valve is closed.                                           |                                    |                         |              |                          |
| 26. Are all critical valves in the closed position?                                                                                | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 27. Are there any system status alarms on the computer?                                                                            | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 27a. If so, describe below how they have been handled. (this does not include well level alarms)                                   |                                    |                         |              |                          |
| 28. Are all flow values on computer "zero"?                                                                                        | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| ("Flow to sewer," "Tot flow to sewer," "tot daily flow," and "TGAL" for each well should each be "zero")                           |                                    |                         |              |                          |
| 28. Check level of sump. Does sump need to be pumped out?                                                                          | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 29. List water level for each recovery well as shown on computer: (total depth of well is shown in brackets)                       |                                    |                         |              |                          |
| RW-7 [27.5']                                                                                                                       | DTW 18.41 FT                       | RW-5 [24.5']            | DTW 17.00 FT |                          |
| RW-2 (not online)                                                                                                                  | DTW                                | RW-8 [24.5']            | DTW 16.76 FT |                          |
| RW-3 [25.3']                                                                                                                       | DTW 19.30 FT                       | RW-6 [21.8']            | DTW 7.44 FT  |                          |
| 30. Are any recovery wells at close to overtopping? (ref total depth above)                                                        | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| <b>Upon leaving the site, check the following:</b>                                                                                 |                                    |                         |              |                          |
| 31. Is the treatment shed locked?                                                                                                  | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |
| 32. Were the gates closed and locked after leaving site?                                                                           | <input checked="" type="radio"/> Y | <input type="radio"/> N | NA           |                          |

Note:

Signature of Inspector:

Include General Site Observations and Follow-Up Actions on the Reverse





110 West Fayette Street Suite 300  
Syracuse  
New York, 13202  
Phone: 315 446 9120  
Fax: 315 449 0017

Date: 10/28/22

Time: 7:30

## Site Inspection Report

*Continuation Page(s)*

Page 2 of 2

|          |                                               |               |            |
|----------|-----------------------------------------------|---------------|------------|
| Client   | Stauffer Management Company LLC               | Project No.   | 30120984   |
| Location | Maestri Site, 904 State Fair Blvd, Geddes, NY | Inspected By: | T. Derleth |

### General Site Observations:

Site in good condition  
well abandonment to take place  
site recently mowed by landscaper

### Follow-up: Indicate actions required, person(s) contacted, and dates for completion

No Follow up actions required, site in good standing

Signature of Inspector:

# Appendix D

**NYSDEC Response to 2021 January PRR Comments and Approval**

# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## Division of Environmental Remediation

625 Broadway, 11<sup>th</sup> Floor, Albany, NY 12233-7020

P: (518)402-9543 | F: (518)402-9547

[www.dec.ny.gov](http://www.dec.ny.gov)

April 18, 2022

Stauffer Management Company LLC  
John-Paul Rossi  
1800 Concord Pike P.O. Box 15437  
FOP 3-415  
Wilmington, DE 19850-5437

Re: Site Management Periodic Review Report Response Letter

Maestri Site, Site No.: 734025  
Solvay, Onondaga County

Dear John-Paul Rossi:

The Department has reviewed your Periodic Review Report (PRR) and IC/EC Certification for the following period: January 15, 2021, to January 15, 2022.

The Department hereby accepts the PRR and associated Certification with the following modifications:

1. Section 6 Plans Moving Forward, Second Bullet – Monitoring location MW-2A shall continue to be sampled biannually for another reporting period using the low-flow sampling technique.
2. Section 6 Plans Moving Forward, Third Bullet - Groundwater monitoring shall continue to be sampled biannually in the second and fourth quarters for another reporting period using the low-flow sampling technique.

The frequency of Periodic Reviews for this site is one year; therefore, your next PRR is due on February 14, 2023. You will receive a reminder letter and updated certification form approximately 75 days prior to the due date. Regardless of receipt or not, of the reminder notice, the next PRR including the signed certification form, is still due on the date specified above.

If you have any questions, or need additional forms, please contact me at 315-426-7446 or e-mail: [michael.belveg@dec.ny.gov](mailto:michael.belveg@dec.ny.gov).

Sincerely,

*Michael Belveg*

Michael Belveg  
Project Manager



Department of  
Environmental  
Conservation

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ec:

Gary Priscott, DEC  
James Sullivan, DOH Project Manager  
Rebecca Hensel, Arcadis

# Appendix E

## Well Decommissioning Logs

**FIGURE 3**  
**WELL DECOMMISSIONING RECORD**

|                                          |                            |
|------------------------------------------|----------------------------|
| Site Name: <b>Maestri Site</b>           | Well I.D.: <b>RW-3</b>     |
| Site Location: <b>Geddes, New York</b>   | Driller: <b>Mark Eaves</b> |
| Drilling Co.: <b>Parratt-Wolff, Inc.</b> | Inspector:                 |
|                                          | Date: <b>10/28/22</b>      |

| DECOMMISSIONING DATA<br>(Fill in all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | WELL SCHEMATIC*                                                                                                                                  |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----|--------------------|----|---------------------|----|-----------------------------------|----|----------------------------------|----|------------------------|----|----------------------|----|-----------------|----|-------------------------|----|-----------------------|---------|----------------|----|-----------------------------|----|----------------------|----|---------------------|----|-------------------------|---------|-----------------------|---|------------------------|--|-------------------------------|----|--------------------------------|-----|-------------|---------------|-----------------------------------|----|------------------------------------------|----|---------------------------------|----|-----------------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><u><b>OVERDRILLING</b></u></p> <table style="width: 100%;"> <tr><td>Interval Drilled</td><td style="text-align: center;">NA</td></tr> <tr><td>Drilling Method(s)</td><td style="text-align: center;">NA</td></tr> <tr><td>Borehole Dia. (in.)</td><td style="text-align: center;">NA</td></tr> <tr><td>Temporary Casing Installed? (y/n)</td><td style="text-align: center;">NA</td></tr> <tr><td>Depth temporary casing installed</td><td style="text-align: center;">NA</td></tr> <tr><td>Casing type/dia. (in.)</td><td style="text-align: center;">NA</td></tr> <tr><td>Method of installing</td><td style="text-align: center;">NA</td></tr> </table> <p><u><b>CASING PULLING</b></u></p> <table style="width: 100%;"> <tr><td>Method employed</td><td style="text-align: center;">NA</td></tr> <tr><td>Casing retrieved (feet)</td><td style="text-align: center;">NA</td></tr> <tr><td>Casing type/dia. (in)</td><td style="text-align: center;">SS / 6"</td></tr> </table> <p><u><b>CASING PERFORATING</b></u></p> <table style="width: 100%;"> <tr><td>Equipment used</td><td style="text-align: center;">NA</td></tr> <tr><td>Number of perforations/foot</td><td style="text-align: center;">NA</td></tr> <tr><td>Size of perforations</td><td style="text-align: center;">NA</td></tr> <tr><td>Interval perforated</td><td style="text-align: center;">NA</td></tr> </table> <p><u><b>GROUTING</b></u></p> <table style="width: 100%;"> <tr><td>Interval grouted (FBLs)</td><td style="text-align: center;">0 - 27'</td></tr> <tr><td># of batches prepared</td><td style="text-align: center;">2</td></tr> <tr><td colspan="2">For each batch record:</td></tr> <tr><td>Quantity of water used (gal.)</td><td style="text-align: center;">32</td></tr> <tr><td>Quantity of cement used (lbs.)</td><td style="text-align: center;">376</td></tr> <tr><td>Cement type</td><td style="text-align: center;">Portland I/II</td></tr> <tr><td>Quantity of bentonite used (lbs.)</td><td style="text-align: center;">16</td></tr> <tr><td>Quantity of calcium chloride used (lbs.)</td><td style="text-align: center;">NA</td></tr> <tr><td>Volume of grout prepared (gal.)</td><td style="text-align: center;">80</td></tr> <tr><td>Volume of grout used (gal.)</td><td style="text-align: center;">70</td></tr> </table> | Interval Drilled                                                                                                                                 | NA | Drilling Method(s) | NA | Borehole Dia. (in.) | NA | Temporary Casing Installed? (y/n) | NA | Depth temporary casing installed | NA | Casing type/dia. (in.) | NA | Method of installing | NA | Method employed | NA | Casing retrieved (feet) | NA | Casing type/dia. (in) | SS / 6" | Equipment used | NA | Number of perforations/foot | NA | Size of perforations | NA | Interval perforated | NA | Interval grouted (FBLs) | 0 - 27' | # of batches prepared | 2 | For each batch record: |  | Quantity of water used (gal.) | 32 | Quantity of cement used (lbs.) | 376 | Cement type | Portland I/II | Quantity of bentonite used (lbs.) | 16 | Quantity of calcium chloride used (lbs.) | NA | Volume of grout prepared (gal.) | 80 | Volume of grout used (gal.) | 70 | <p>Depth<br/>(feet)</p> <div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>0</p><p>5</p><p>10</p><p>15</p><p>20</p><p>25</p><p>30</p> </div> <div style="flex: 2; position: relative;"> </div> </div> |
| Interval Drilled                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Drilling Method(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Borehole Dia. (in.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Temporary Casing Installed? (y/n)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Depth temporary casing installed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Casing type/dia. (in.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Method of installing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Method employed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Casing retrieved (feet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Casing type/dia. (in)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SS / 6"                                                                                                                                          |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Equipment used                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Number of perforations/foot                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Size of perforations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Interval perforated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Interval grouted (FBLs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0 - 27'                                                                                                                                          |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| # of batches prepared                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2                                                                                                                                                |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| For each batch record:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                  |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Quantity of water used (gal.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 32                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Quantity of cement used (lbs.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 376                                                                                                                                              |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Cement type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Portland I/II                                                                                                                                    |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Quantity of bentonite used (lbs.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 16                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Quantity of calcium chloride used (lbs.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Volume of grout prepared (gal.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 80                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Volume of grout used (gal.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 70                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| <p><b>COMMENTS:</b></p> <div style="border: 1px solid black; height: 40px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p>* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.</p> |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |

*Seawall*  
Drilling Contractor

Department Representative

**FIGURE 3**  
**WELL DECOMMISSIONING RECORD**

|                                          |                            |
|------------------------------------------|----------------------------|
| Site Name: <b>Maestri Site</b>           | Well I.D.: <b>RW-5</b>     |
| Site Location: <b>Geddes, New York</b>   | Driller: <b>Mark Eaves</b> |
| Drilling Co.: <b>Parratt-Wolff, Inc.</b> | Inspector:                 |
|                                          | Date: <b>10/28/22</b>      |

| DECOMMISSIONING DATA<br>(Fill in all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | WELL SCHEMATIC*                                                                                                                                  |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
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| <p><u><b>OVERDRILLING</b></u></p> <table style="width: 100%;"> <tr><td>Interval Drilled</td><td style="text-align: center;">NA</td></tr> <tr><td>Drilling Method(s)</td><td style="text-align: center;">NA</td></tr> <tr><td>Borehole Dia. (in.)</td><td style="text-align: center;">NA</td></tr> <tr><td>Temporary Casing Installed? (y/n)</td><td style="text-align: center;">NA</td></tr> <tr><td>Depth temporary casing installed</td><td style="text-align: center;">NA</td></tr> <tr><td>Casing type/dia. (in.)</td><td style="text-align: center;">NA</td></tr> <tr><td>Method of installing</td><td style="text-align: center;">NA</td></tr> </table> <p><u><b>CASING PULLING</b></u></p> <table style="width: 100%;"> <tr><td>Method employed</td><td style="text-align: center;">NA</td></tr> <tr><td>Casing retrieved (feet)</td><td style="text-align: center;">NA</td></tr> <tr><td>Casing type/dia. (in)</td><td style="text-align: center;">SS / 6"</td></tr> </table> <p><u><b>CASING PERFORATING</b></u></p> <table style="width: 100%;"> <tr><td>Equipment used</td><td style="text-align: center;">NA</td></tr> <tr><td>Number of perforations/foot</td><td style="text-align: center;">NA</td></tr> <tr><td>Size of perforations</td><td style="text-align: center;">NA</td></tr> <tr><td>Interval perforated</td><td style="text-align: center;">NA</td></tr> </table> <p><u><b>GROUTING</b></u></p> <table style="width: 100%;"> <tr><td>Interval grouted (FBLs)</td><td style="text-align: center;">0 - 27'</td></tr> <tr><td># of batches prepared</td><td style="text-align: center;">1</td></tr> <tr><td colspan="2">For each batch record:</td></tr> <tr><td>Quantity of water used (gal.)</td><td style="text-align: center;">32</td></tr> <tr><td>Quantity of cement used (lbs.)</td><td style="text-align: center;">376</td></tr> <tr><td>Cement type</td><td style="text-align: center;">Portland I/II</td></tr> <tr><td>Quantity of bentonite used (lbs.)</td><td style="text-align: center;">16</td></tr> <tr><td>Quantity of calcium chloride used (lbs.)</td><td style="text-align: center;">NA</td></tr> <tr><td>Volume of grout prepared (gal.)</td><td style="text-align: center;">40</td></tr> <tr><td>Volume of grout used (gal.)</td><td style="text-align: center;">40</td></tr> </table> | Interval Drilled                                                                                                                                 | NA | Drilling Method(s) | NA | Borehole Dia. (in.) | NA | Temporary Casing Installed? (y/n) | NA | Depth temporary casing installed | NA | Casing type/dia. (in.) | NA | Method of installing | NA | Method employed | NA | Casing retrieved (feet) | NA | Casing type/dia. (in) | SS / 6" | Equipment used | NA | Number of perforations/foot | NA | Size of perforations | NA | Interval perforated | NA | Interval grouted (FBLs) | 0 - 27' | # of batches prepared | 1 | For each batch record: |  | Quantity of water used (gal.) | 32 | Quantity of cement used (lbs.) | 376 | Cement type | Portland I/II | Quantity of bentonite used (lbs.) | 16 | Quantity of calcium chloride used (lbs.) | NA | Volume of grout prepared (gal.) | 40 | Volume of grout used (gal.) | 40 | <p>Depth<br/>(feet)</p> <div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>0</p><p>5</p><p>10</p><p>15</p><p>20</p><p>25</p><p>30</p> </div> <div style="flex: 2; position: relative;"> </div> </div> |
| Interval Drilled                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Drilling Method(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Borehole Dia. (in.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Temporary Casing Installed? (y/n)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Depth temporary casing installed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Casing type/dia. (in.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Method of installing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Method employed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Casing retrieved (feet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Casing type/dia. (in)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SS / 6"                                                                                                                                          |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Equipment used                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Number of perforations/foot                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Size of perforations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Interval perforated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Interval grouted (FBLs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0 - 27'                                                                                                                                          |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| # of batches prepared                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1                                                                                                                                                |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| For each batch record:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                  |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Quantity of water used (gal.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 32                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Quantity of cement used (lbs.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 376                                                                                                                                              |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Cement type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Portland I/II                                                                                                                                    |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Quantity of bentonite used (lbs.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 16                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Quantity of calcium chloride used (lbs.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Volume of grout prepared (gal.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 40                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Volume of grout used (gal.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 40                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| <p><b>COMMENTS:</b></p> <div style="border: 1px solid black; height: 40px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; height: 40px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; height: 40px;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <p>* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.</p> |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |

*Sean Eaves*  
Drilling Contractor

Department Representative

**FIGURE 3**  
**WELL DECOMMISSIONING RECORD**

|                                          |                            |
|------------------------------------------|----------------------------|
| Site Name: <b>Maestri Site</b>           | Well I.D.: <b>RW-8</b>     |
| Site Location: <b>Geddes, New York</b>   | Driller: <b>Mark Eaves</b> |
| Drilling Co.: <b>Parratt-Wolff, Inc.</b> | Inspector:                 |
|                                          | Date: <b>10/28/22</b>      |

| DECOMMISSIONING DATA<br>(Fill in all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | WELL SCHEMATIC*                                                                                                                                  |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
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| <p><u><b>OVERDRILLING</b></u></p> <table style="width: 100%;"> <tr><td>Interval Drilled</td><td style="text-align: center;">NA</td></tr> <tr><td>Drilling Method(s)</td><td style="text-align: center;">NA</td></tr> <tr><td>Borehole Dia. (in.)</td><td style="text-align: center;">NA</td></tr> <tr><td>Temporary Casing Installed? (y/n)</td><td style="text-align: center;">NA</td></tr> <tr><td>Depth temporary casing installed</td><td style="text-align: center;">NA</td></tr> <tr><td>Casing type/dia. (in.)</td><td style="text-align: center;">NA</td></tr> <tr><td>Method of installing</td><td style="text-align: center;">NA</td></tr> </table> <p><u><b>CASING PULLING</b></u></p> <table style="width: 100%;"> <tr><td>Method employed</td><td style="text-align: center;">NA</td></tr> <tr><td>Casing retrieved (feet)</td><td style="text-align: center;">NA</td></tr> <tr><td>Casing type/dia. (in)</td><td style="text-align: center;">SS / 6"</td></tr> </table> <p><u><b>CASING PERFORATING</b></u></p> <table style="width: 100%;"> <tr><td>Equipment used</td><td style="text-align: center;">NA</td></tr> <tr><td>Number of perforations/foot</td><td style="text-align: center;">NA</td></tr> <tr><td>Size of perforations</td><td style="text-align: center;">NA</td></tr> <tr><td>Interval perforated</td><td style="text-align: center;">NA</td></tr> </table> <p><u><b>GROUTING</b></u></p> <table style="width: 100%;"> <tr><td>Interval grouted (FBLS)</td><td style="text-align: center;">0 - 27'</td></tr> <tr><td># of batches prepared</td><td style="text-align: center;">1</td></tr> <tr><td colspan="2">For each batch record:</td></tr> <tr><td>Quantity of water used (gal.)</td><td style="text-align: center;">32</td></tr> <tr><td>Quantity of cement used (lbs.)</td><td style="text-align: center;">376</td></tr> <tr><td>Cement type</td><td style="text-align: center;">Portland I/II</td></tr> <tr><td>Quantity of bentonite used (lbs.)</td><td style="text-align: center;">16</td></tr> <tr><td>Quantity of calcium chloride used (lbs.)</td><td style="text-align: center;">NA</td></tr> <tr><td>Volume of grout prepared (gal.)</td><td style="text-align: center;">40</td></tr> <tr><td>Volume of grout used (gal.)</td><td style="text-align: center;">40</td></tr> </table> | Interval Drilled                                                                                                                                 | NA | Drilling Method(s) | NA | Borehole Dia. (in.) | NA | Temporary Casing Installed? (y/n) | NA | Depth temporary casing installed | NA | Casing type/dia. (in.) | NA | Method of installing | NA | Method employed | NA | Casing retrieved (feet) | NA | Casing type/dia. (in) | SS / 6" | Equipment used | NA | Number of perforations/foot | NA | Size of perforations | NA | Interval perforated | NA | Interval grouted (FBLS) | 0 - 27' | # of batches prepared | 1 | For each batch record: |  | Quantity of water used (gal.) | 32 | Quantity of cement used (lbs.) | 376 | Cement type | Portland I/II | Quantity of bentonite used (lbs.) | 16 | Quantity of calcium chloride used (lbs.) | NA | Volume of grout prepared (gal.) | 40 | Volume of grout used (gal.) | 40 | <p>Depth<br/>(feet)</p> <div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>0</p><p>5</p><p>10</p><p>15</p><p>20</p><p>25</p><p>30</p> </div> <div style="flex: 2; position: relative;"> </div> </div> |
| Interval Drilled                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Drilling Method(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Borehole Dia. (in.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Temporary Casing Installed? (y/n)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Depth temporary casing installed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Casing type/dia. (in.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Method of installing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Method employed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Casing retrieved (feet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Casing type/dia. (in)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SS / 6"                                                                                                                                          |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Equipment used                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Number of perforations/foot                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Size of perforations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Interval perforated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Interval grouted (FBLS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0 - 27'                                                                                                                                          |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| # of batches prepared                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1                                                                                                                                                |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| For each batch record:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                  |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Quantity of water used (gal.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 32                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Quantity of cement used (lbs.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 376                                                                                                                                              |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Cement type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Portland I/II                                                                                                                                    |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Quantity of bentonite used (lbs.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 16                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Quantity of calcium chloride used (lbs.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NA                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Volume of grout prepared (gal.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 40                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| Volume of grout used (gal.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 40                                                                                                                                               |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |
| <p><b>COMMENTS:</b></p> <div style="border: 1px solid black; height: 40px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p>* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.</p> |    |                    |    |                     |    |                                   |    |                                  |    |                        |    |                      |    |                 |    |                         |    |                       |         |                |    |                             |    |                      |    |                     |    |                         |         |                       |   |                        |  |                               |    |                                |     |             |               |                                   |    |                                          |    |                                 |    |                             |    |                                                                                                                                                                                                                                |

*Sean Eaves*  
Drilling Contractor

Department Representative



# Appendix F

**May 2022 & November 2022 Analytical Data Reports**

## ANALYTICAL REPORT

Eurofins Buffalo  
10 Hazelwood Drive  
Amherst, NY 14228-2298  
Tel: (716)691-2600

Laboratory Job ID: 480-198348-1  
Client Project/Site: SMC Maestri Site  
Revision: 1

For:  
ARCADIS U.S. Inc  
One Lincoln Center  
110 West Fayette St, Suite 300  
Syracuse, New York 13202

Attn: Ms. Rebecca Hensel



Authorized for release by:  
7/14/2022 4:25:33 PM

John Schove, Project Manager II  
(716)504-9838  
[John.Schove@et.eurofinsus.com](mailto:John.Schove@et.eurofinsus.com)

### LINKS

Review your project  
results through



Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

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

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## Definitions/Glossary

Client: ARCADIS U.S. Inc  
Project/Site: SMC Maestri Site

Job ID: 480-198348-1

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| F1        | MS and/or MSD recovery exceeds control limits.                                                                 |
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| U         | Indicates the analyte was analyzed for but not detected.                                                       |

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| α              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CFL            | Contains Free Liquid                                                                                        |
| CFU            | Colony Forming Unit                                                                                         |
| CNF            | Contains No Free Liquid                                                                                     |
| DER            | Duplicate Error Ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL             | Detection Limit (DoD/DOE)                                                                                   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)                                                               |
| EDL            | Estimated Detection Limit (Dioxin)                                                                          |
| LOD            | Limit of Detection (DoD/DOE)                                                                                |
| LOQ            | Limit of Quantitation (DoD/DOE)                                                                             |
| MCL            | EPA recommended "Maximum Contaminant Level"                                                                 |
| MDA            | Minimum Detectable Activity (Radiochemistry)                                                                |
| MDC            | Minimum Detectable Concentration (Radiochemistry)                                                           |
| MDL            | Method Detection Limit                                                                                      |
| ML             | Minimum Level (Dioxin)                                                                                      |
| MPN            | Most Probable Number                                                                                        |
| MQL            | Method Quantitation Limit                                                                                   |
| NC             | Not Calculated                                                                                              |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)                                                |
| NEG            | Negative / Absent                                                                                           |
| POS            | Positive / Present                                                                                          |
| PQL            | Practical Quantitation Limit                                                                                |
| PRES           | Presumptive                                                                                                 |
| QC             | Quality Control                                                                                             |
| RER            | Relative Error Ratio (Radiochemistry)                                                                       |
| RL             | Reporting Limit or Requested Limit (Radiochemistry)                                                         |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                        |
| TEF            | Toxicity Equivalent Factor (Dioxin)                                                                         |
| TEQ            | Toxicity Equivalent Quotient (Dioxin)                                                                       |
| TNTC           | Too Numerous To Count                                                                                       |

# Case Narrative

Client: ARCADIS U.S. Inc  
Project/Site: SMC Maestri Site

Job ID: 480-198348-1

## Job ID: 480-198348-1

### Laboratory: Eurofins Buffalo

#### Narrative

#### Job Narrative 480-198348-1

#### Revision

This report has been revised to report Total Xylenes.

#### Comments

No additional comments.

#### Receipt

The samples were received on 5/26/2022 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.8° C.

#### GC/MS VOA

Method 624.1: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: RW-3 (480-198348-1) and RW-6 (480-198348-3). Elevated reporting limits (RLs) are provided.

Method 624.1: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-2A (480-198348-6), MW-2A (480-198348-6[MS]) and MW-2A (480-198348-6[MSD]). Elevated reporting limits (RLs) are provided.

Method 624.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-627798 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 624.1: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-9 (480-198348-7), BD\_(052422) (480-198348-10), (480-198348-B-7 MS) and (480-198348-B-7 MSD). Elevated reporting limits (RLs) are provided.

Method 624.1: Due to the high concentration of m-Xylene & p-Xylene o-Xylene Xylenes, Total, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 480-627970 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

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

# Detection Summary

Client: ARCADIS U.S. Inc  
Project/Site: SMC Maestri Site

Job ID: 480-198348-1

**Client Sample ID: RW-3**

**Lab Sample ID: 480-198348-1**

No Detections.

**Client Sample ID: RW-5**

**Lab Sample ID: 480-198348-2**

No Detections.

**Client Sample ID: RW-6**

**Lab Sample ID: 480-198348-3**

| Analyte        | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|----|-----|------|---------|---|--------|-----------|
| Xylenes, Total | 2.8    | J         | 20 | 2.2 | ug/L | 2       |   | 624.1  | Total/NA  |

**Client Sample ID: RW-7**

**Lab Sample ID: 480-198348-4**

No Detections.

**Client Sample ID: RW-8**

**Lab Sample ID: 480-198348-5**

No Detections.

**Client Sample ID: MW-2A**

**Lab Sample ID: 480-198348-6**

| Analyte        | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|----|-----|------|---------|---|--------|-----------|
| Xylenes, Total | 420    | F1        | 40 | 4.3 | ug/L | 4       |   | 624.1  | Total/NA  |

**Client Sample ID: MW-9**

**Lab Sample ID: 480-198348-7**

| Analyte        | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|----|-----|------|---------|---|--------|-----------|
| Xylenes, Total | 640    | F1        | 80 | 8.6 | ug/L | 8       |   | 624.1  | Total/NA  |

**Client Sample ID: PZ-20**

**Lab Sample ID: 480-198348-8**

No Detections.

**Client Sample ID: PZ-21**

**Lab Sample ID: 480-198348-9**

No Detections.

**Client Sample ID: BD\_(052422)**

**Lab Sample ID: 480-198348-10**

| Analyte        | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|----|-----|------|---------|---|--------|-----------|
| Xylenes, Total | 620    |           | 80 | 8.6 | ug/L | 8       |   | 624.1  | Total/NA  |

**Client Sample ID: FB\_(052422)**

**Lab Sample ID: 480-198348-11**

No Detections.

**Client Sample ID: FB\_(052522)**

**Lab Sample ID: 480-198348-12**

No Detections.

**Client Sample ID: TB\_(052422)**

**Lab Sample ID: 480-198348-13**

No Detections.

**Client Sample ID: TB\_(022522)**

**Lab Sample ID: 480-198348-14**

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

# Client Sample Results

Client: ARCADIS U.S. Inc  
Project/Site: SMC Maestri Site

Job ID: 480-198348-1

**Client Sample ID: RW-3**

**Date Collected: 05/24/22 18:17**

**Date Received: 05/26/22 10:00**

**Lab Sample ID: 480-198348-1**

**Matrix: Water**

**Method: 624.1 - Volatile Organic Compounds (GC/MS)**

| Analyte                      | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|------|---|----------|----------------|---------|
| Xylenes, Total               | 4.3       | U         | 40       | 4.3 | ug/L |   |          | 05/26/22 20:52 | 4       |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 68 - 130 |     |      |   |          | 05/26/22 20:52 | 4       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 76 - 123 |     |      |   |          | 05/26/22 20:52 | 4       |
| Dibromofluoromethane (Surr)  | 103       |           | 75 - 123 |     |      |   |          | 05/26/22 20:52 | 4       |
| Toluene-d8 (Surr)            | 102       |           | 77 - 120 |     |      |   |          | 05/26/22 20:52 | 4       |

**Client Sample ID: RW-5**

**Date Collected: 05/25/22 09:05**

**Date Received: 05/26/22 10:00**

**Lab Sample ID: 480-198348-2**

**Matrix: Water**

**Method: 624.1 - Volatile Organic Compounds (GC/MS)**

| Analyte                      | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|------|---|----------|----------------|---------|
| Xylenes, Total               | 1.1       | U         | 10       | 1.1 | ug/L |   |          | 05/26/22 21:16 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 68 - 130 |     |      |   |          | 05/26/22 21:16 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 76 - 123 |     |      |   |          | 05/26/22 21:16 | 1       |
| Dibromofluoromethane (Surr)  | 101       |           | 75 - 123 |     |      |   |          | 05/26/22 21:16 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 77 - 120 |     |      |   |          | 05/26/22 21:16 | 1       |

**Client Sample ID: RW-6**

**Date Collected: 05/25/22 11:15**

**Date Received: 05/26/22 10:00**

**Lab Sample ID: 480-198348-3**

**Matrix: Water**

**Method: 624.1 - Volatile Organic Compounds (GC/MS)**

| Analyte                      | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|------|---|----------|----------------|---------|
| Xylenes, Total               | 2.8       | J         | 20       | 2.2 | ug/L |   |          | 05/26/22 21:39 | 2       |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 104       |           | 68 - 130 |     |      |   |          | 05/26/22 21:39 | 2       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 76 - 123 |     |      |   |          | 05/26/22 21:39 | 2       |
| Dibromofluoromethane (Surr)  | 103       |           | 75 - 123 |     |      |   |          | 05/26/22 21:39 | 2       |
| Toluene-d8 (Surr)            | 100       |           | 77 - 120 |     |      |   |          | 05/26/22 21:39 | 2       |

**Client Sample ID: RW-7**

**Date Collected: 05/24/22 17:55**

**Date Received: 05/26/22 10:00**

**Lab Sample ID: 480-198348-4**

**Matrix: Water**

**Method: 624.1 - Volatile Organic Compounds (GC/MS)**

| Analyte                      | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|------|---|----------|----------------|---------|
| Xylenes, Total               | 1.1       | U         | 10       | 1.1 | ug/L |   |          | 05/26/22 22:03 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 68 - 130 |     |      |   |          | 05/26/22 22:03 | 1       |
| 4-Bromofluorobenzene (Surr)  | 102       |           | 76 - 123 |     |      |   |          | 05/26/22 22:03 | 1       |
| Dibromofluoromethane (Surr)  | 104       |           | 75 - 123 |     |      |   |          | 05/26/22 22:03 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 77 - 120 |     |      |   |          | 05/26/22 22:03 | 1       |

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# Client Sample Results

Client: ARCADIS U.S. Inc  
Project/Site: SMC Maestri Site

Job ID: 480-198348-1

**Client Sample ID: RW-8**

**Date Collected: 05/25/22 08:52**

**Date Received: 05/26/22 10:00**

**Lab Sample ID: 480-198348-5**

**Matrix: Water**

## Method: 624.1 - Volatile Organic Compounds (GC/MS)

| Analyte                      | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|------|---|----------|----------------|---------|
| Xylenes, Total               | 1.1       | U         | 10       | 1.1 | ug/L |   |          | 05/26/22 22:27 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 68 - 130 |     |      |   |          | 05/26/22 22:27 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 76 - 123 |     |      |   |          | 05/26/22 22:27 | 1       |
| Dibromofluoromethane (Surr)  | 100       |           | 75 - 123 |     |      |   |          | 05/26/22 22:27 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 77 - 120 |     |      |   |          | 05/26/22 22:27 | 1       |

**Client Sample ID: MW-2A**

**Date Collected: 05/24/22 15:00**

**Date Received: 05/26/22 10:00**

**Lab Sample ID: 480-198348-6**

**Matrix: Water**

## Method: 624.1 - Volatile Organic Compounds (GC/MS)

| Analyte                      | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|------|---|----------|----------------|---------|
| Xylenes, Total               | 420       | F1        | 40       | 4.3 | ug/L |   |          | 05/26/22 22:52 | 4       |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 68 - 130 |     |      |   |          | 05/26/22 22:52 | 4       |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 76 - 123 |     |      |   |          | 05/26/22 22:52 | 4       |
| Dibromofluoromethane (Surr)  | 101       |           | 75 - 123 |     |      |   |          | 05/26/22 22:52 | 4       |
| Toluene-d8 (Surr)            | 99        |           | 77 - 120 |     |      |   |          | 05/26/22 22:52 | 4       |

**Client Sample ID: MW-9**

**Date Collected: 05/24/22 14:50**

**Date Received: 05/26/22 10:00**

**Lab Sample ID: 480-198348-7**

**Matrix: Water**

## Method: 624.1 - Volatile Organic Compounds (GC/MS)

| Analyte                      | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|------|---|----------|----------------|---------|
| Xylenes, Total               | 640       | F1        | 80       | 8.6 | ug/L |   |          | 05/27/22 17:04 | 8       |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 68 - 130 |     |      |   |          | 05/27/22 17:04 | 8       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 76 - 123 |     |      |   |          | 05/27/22 17:04 | 8       |
| Dibromofluoromethane (Surr)  | 102       |           | 75 - 123 |     |      |   |          | 05/27/22 17:04 | 8       |
| Toluene-d8 (Surr)            | 101       |           | 77 - 120 |     |      |   |          | 05/27/22 17:04 | 8       |

**Client Sample ID: PZ-20**

**Date Collected: 05/25/22 13:43**

**Date Received: 05/26/22 10:00**

**Lab Sample ID: 480-198348-8**

**Matrix: Water**

## Method: 624.1 - Volatile Organic Compounds (GC/MS)

| Analyte                      | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|------|---|----------|----------------|---------|
| Xylenes, Total               | 1.1       | U         | 10       | 1.1 | ug/L |   |          | 05/26/22 23:40 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 104       |           | 68 - 130 |     |      |   |          | 05/26/22 23:40 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 76 - 123 |     |      |   |          | 05/26/22 23:40 | 1       |
| Dibromofluoromethane (Surr)  | 104       |           | 75 - 123 |     |      |   |          | 05/26/22 23:40 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 77 - 120 |     |      |   |          | 05/26/22 23:40 | 1       |

Eurofins Buffalo



# Client Sample Results

Client: ARCADIS U.S. Inc  
Project/Site: SMC Maestri Site

Job ID: 480-198348-1

**Client Sample ID: PZ-21**

**Date Collected: 05/25/22 11:08**

**Date Received: 05/26/22 10:00**

**Lab Sample ID: 480-198348-9**

**Matrix: Water**

**Method: 624.1 - Volatile Organic Compounds (GC/MS)**

| Analyte                      | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|------|---|----------|----------------|---------|
| Xylenes, Total               | 1.1       | U         | 10       | 1.1 | ug/L |   |          | 05/27/22 00:04 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 68 - 130 |     |      |   |          | 05/27/22 00:04 | 1       |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 76 - 123 |     |      |   |          | 05/27/22 00:04 | 1       |
| Dibromofluoromethane (Surr)  | 105       |           | 75 - 123 |     |      |   |          | 05/27/22 00:04 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 77 - 120 |     |      |   |          | 05/27/22 00:04 | 1       |

**Client Sample ID: BD\_(052422)**

**Date Collected: 05/24/22 00:00**

**Date Received: 05/26/22 10:00**

**Lab Sample ID: 480-198348-10**

**Matrix: Water**

**Method: 624.1 - Volatile Organic Compounds (GC/MS)**

| Analyte                      | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|------|---|----------|----------------|---------|
| Xylenes, Total               | 620       |           | 80       | 8.6 | ug/L |   |          | 05/27/22 17:28 | 8       |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 68 - 130 |     |      |   |          | 05/27/22 17:28 | 8       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 76 - 123 |     |      |   |          | 05/27/22 17:28 | 8       |
| Dibromofluoromethane (Surr)  | 105       |           | 75 - 123 |     |      |   |          | 05/27/22 17:28 | 8       |
| Toluene-d8 (Surr)            | 100       |           | 77 - 120 |     |      |   |          | 05/27/22 17:28 | 8       |

**Client Sample ID: FB\_(052422)**

**Date Collected: 05/24/22 19:35**

**Date Received: 05/26/22 10:00**

**Lab Sample ID: 480-198348-11**

**Matrix: Water**

**Method: 624.1 - Volatile Organic Compounds (GC/MS)**

| Analyte                      | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|------|---|----------|----------------|---------|
| Xylenes, Total               | 1.1       | U         | 10       | 1.1 | ug/L |   |          | 05/27/22 17:52 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 104       |           | 68 - 130 |     |      |   |          | 05/27/22 17:52 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 76 - 123 |     |      |   |          | 05/27/22 17:52 | 1       |
| Dibromofluoromethane (Surr)  | 102       |           | 75 - 123 |     |      |   |          | 05/27/22 17:52 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 77 - 120 |     |      |   |          | 05/27/22 17:52 | 1       |

**Client Sample ID: FB\_(052522)**

**Date Collected: 05/24/22 14:35**

**Date Received: 05/26/22 10:00**

**Lab Sample ID: 480-198348-12**

**Matrix: Water**

**Method: 624.1 - Volatile Organic Compounds (GC/MS)**

| Analyte                      | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|------|---|----------|----------------|---------|
| Xylenes, Total               | 1.1       | U         | 10       | 1.1 | ug/L |   |          | 05/27/22 18:16 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 102       |           | 68 - 130 |     |      |   |          | 05/27/22 18:16 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99        |           | 76 - 123 |     |      |   |          | 05/27/22 18:16 | 1       |
| Dibromofluoromethane (Surr)  | 102       |           | 75 - 123 |     |      |   |          | 05/27/22 18:16 | 1       |
| Toluene-d8 (Surr)            | 100       |           | 77 - 120 |     |      |   |          | 05/27/22 18:16 | 1       |

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# Client Sample Results

Client: ARCADIS U.S. Inc  
Project/Site: SMC Maestri Site

Job ID: 480-198348-1

**Client Sample ID: TB\_(052422)**

**Lab Sample ID: 480-198348-13**

**Date Collected: 05/25/22 00:00**

**Matrix: Water**

**Date Received: 05/26/22 10:00**

## Method: 624.1 - Volatile Organic Compounds (GC/MS)

| Analyte                      | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|------|---|----------|----------------|---------|
| Xylenes, Total               | 1.1       | U         | 10       | 1.1 | ug/L |   |          | 05/27/22 18:40 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 103       |           | 68 - 130 |     |      |   |          | 05/27/22 18:40 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 76 - 123 |     |      |   |          | 05/27/22 18:40 | 1       |
| Dibromofluoromethane (Surr)  | 103       |           | 75 - 123 |     |      |   |          | 05/27/22 18:40 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 77 - 120 |     |      |   |          | 05/27/22 18:40 | 1       |

**Client Sample ID: TB\_(022522)**

**Lab Sample ID: 480-198348-14**

**Date Collected: 05/25/22 00:00**

**Matrix: Water**

**Date Received: 05/26/22 10:00**

## Method: 624.1 - Volatile Organic Compounds (GC/MS)

| Analyte                      | Result    | Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|------|---|----------|----------------|---------|
| Xylenes, Total               | 1.1       | U         | 10       | 1.1 | ug/L |   |          | 05/27/22 19:04 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 105       |           | 68 - 130 |     |      |   |          | 05/27/22 19:04 | 1       |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 76 - 123 |     |      |   |          | 05/27/22 19:04 | 1       |
| Dibromofluoromethane (Surr)  | 102       |           | 75 - 123 |     |      |   |          | 05/27/22 19:04 | 1       |
| Toluene-d8 (Surr)            | 101       |           | 77 - 120 |     |      |   |          | 05/27/22 19:04 | 1       |

# Surrogate Summary

Client: ARCADIS U.S. Inc  
Project/Site: SMC Maestri Site

Job ID: 480-198348-1

## Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID    | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|------------------|--------------------|------------------------------------------------|-----------------|------------------|-----------------|
|                  |                    | DCA<br>(68-130)                                | BFB<br>(76-123) | DBFM<br>(75-123) | TOL<br>(77-120) |
| 480-198348-1     | RW-3               | 103                                            | 100             | 103              | 102             |
| 480-198348-2     | RW-5               | 103                                            | 99              | 101              | 100             |
| 480-198348-3     | RW-6               | 104                                            | 101             | 103              | 100             |
| 480-198348-4     | RW-7               | 102                                            | 102             | 104              | 100             |
| 480-198348-5     | RW-8               | 102                                            | 99              | 100              | 99              |
| 480-198348-6     | MW-2A              | 102                                            | 99              | 101              | 99              |
| 480-198348-6 MS  | MW-2A              | 97                                             | 97              | 97               | 100             |
| 480-198348-6 MSD | MW-2A              | 98                                             | 97              | 97               | 100             |
| 480-198348-7     | MW-9               | 105                                            | 101             | 102              | 101             |
| 480-198348-7 MS  | MW-9               | 100                                            | 98              | 102              | 96              |
| 480-198348-7 MSD | MW-9               | 98                                             | 99              | 99               | 101             |
| 480-198348-8     | PZ-20              | 104                                            | 100             | 104              | 101             |
| 480-198348-9     | PZ-21              | 105                                            | 101             | 105              | 100             |
| 480-198348-10    | BD_(052422)        | 103                                            | 100             | 105              | 100             |
| 480-198348-11    | FB_(052422)        | 104                                            | 100             | 102              | 100             |
| 480-198348-12    | FB_(052522)        | 102                                            | 99              | 102              | 100             |
| 480-198348-13    | TB_(052422)        | 103                                            | 100             | 103              | 101             |
| 480-198348-14    | TB_(022522)        | 105                                            | 100             | 102              | 101             |
| LCS 480-627798/7 | Lab Control Sample | 101                                            | 99              | 97               | 100             |
| LCS 480-627970/7 | Lab Control Sample | 107                                            | 98              | 101              | 101             |
| MB 480-627798/9  | Method Blank       | 99                                             | 99              | 98               | 100             |
| MB 480-627970/9  | Method Blank       | 103                                            | 99              | 100              | 100             |

### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)

# QC Sample Results

Client: ARCADIS U.S. Inc  
Project/Site: SMC Maestri Site

Job ID: 480-198348-1

## Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-627798/9

Matrix: Water

Analysis Batch: 627798

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                      | MB Result    | MB Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|-----|------|---|----------|----------------|---------|
| Xylenes, Total               | 1.1          | U            | 10       | 1.1 | ug/L |   |          | 05/26/22 16:41 | 1       |
| Surrogate                    | MB %Recovery | MB Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 99           |              | 68 - 130 |     |      |   |          | 05/26/22 16:41 | 1       |
| 4-Bromofluorobenzene (Surr)  | 99           |              | 76 - 123 |     |      |   |          | 05/26/22 16:41 | 1       |
| Dibromofluoromethane (Surr)  | 98           |              | 75 - 123 |     |      |   |          | 05/26/22 16:41 | 1       |
| Toluene-d8 (Surr)            | 100          |              | 77 - 120 |     |      |   |          | 05/26/22 16:41 | 1       |

Lab Sample ID: LCS 480-627798/7

Matrix: Water

Analysis Batch: 627798

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |  |  |  |  |  |  |
|------------------------------|---------------|---------------|----------|--|--|--|--|--|--|
| 1,2-Dichloroethane-d4 (Surr) | 101           |               | 68 - 130 |  |  |  |  |  |  |
| 4-Bromofluorobenzene (Surr)  | 99            |               | 76 - 123 |  |  |  |  |  |  |
| Dibromofluoromethane (Surr)  | 97            |               | 75 - 123 |  |  |  |  |  |  |
| Toluene-d8 (Surr)            | 100           |               | 77 - 120 |  |  |  |  |  |  |

Lab Sample ID: 480-198348-6 MS

Matrix: Water

Analysis Batch: 627798

Client Sample ID: MW-2A

Prep Type: Total/NA

| Surrogate                    | MS %Recovery | MS Qualifier | Limits   |  |  |  |  |  |  |
|------------------------------|--------------|--------------|----------|--|--|--|--|--|--|
| 1,2-Dichloroethane-d4 (Surr) | 97           |              | 68 - 130 |  |  |  |  |  |  |
| 4-Bromofluorobenzene (Surr)  | 97           |              | 76 - 123 |  |  |  |  |  |  |
| Dibromofluoromethane (Surr)  | 97           |              | 75 - 123 |  |  |  |  |  |  |
| Toluene-d8 (Surr)            | 100          |              | 77 - 120 |  |  |  |  |  |  |

Lab Sample ID: 480-198348-6 MSD

Matrix: Water

Analysis Batch: 627798

Client Sample ID: MW-2A

Prep Type: Total/NA

| Surrogate                    | MSD %Recovery | MSD Qualifier | Limits   |  |  |  |  |  |  |
|------------------------------|---------------|---------------|----------|--|--|--|--|--|--|
| 1,2-Dichloroethane-d4 (Surr) | 98            |               | 68 - 130 |  |  |  |  |  |  |
| 4-Bromofluorobenzene (Surr)  | 97            |               | 76 - 123 |  |  |  |  |  |  |
| Dibromofluoromethane (Surr)  | 97            |               | 75 - 123 |  |  |  |  |  |  |
| Toluene-d8 (Surr)            | 100           |               | 77 - 120 |  |  |  |  |  |  |

Lab Sample ID: MB 480-627970/9

Matrix: Water

Analysis Batch: 627970

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                      | MB Result    | MB Qualifier | RL       | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|-----|------|---|----------|----------------|---------|
| Xylenes, Total               | 1.1          | U            | 10       | 1.1 | ug/L |   |          | 05/27/22 16:07 | 1       |
| Surrogate                    | MB %Recovery | MB Qualifier | Limits   |     |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 103          |              | 68 - 130 |     |      |   |          | 05/27/22 16:07 | 1       |

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# QC Sample Results

Client: ARCADIS U.S. Inc  
Project/Site: SMC Maestri Site

Job ID: 480-198348-1

## Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-627970/9

Matrix: Water

Analysis Batch: 627970

Client Sample ID: Method Blank

Prep Type: Total/NA

| Surrogate                   | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------------|-----------------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 99              |                 | 76 - 123 |          | 05/27/22 16:07 | 1       |
| Dibromofluoromethane (Surr) | 100             |                 | 75 - 123 |          | 05/27/22 16:07 | 1       |
| Toluene-d8 (Surr)           | 100             |                 | 77 - 120 |          | 05/27/22 16:07 | 1       |

Lab Sample ID: LCS 480-627970/7

Matrix: Water

Analysis Batch: 627970

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Surrogate                    | LCS<br>%Recovery | LCS<br>Qualifier | Limits   |
|------------------------------|------------------|------------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 107              |                  | 68 - 130 |
| 4-Bromofluorobenzene (Surr)  | 98               |                  | 76 - 123 |
| Dibromofluoromethane (Surr)  | 101              |                  | 75 - 123 |
| Toluene-d8 (Surr)            | 101              |                  | 77 - 120 |

Lab Sample ID: 480-198348-7 MS

Matrix: Water

Analysis Batch: 627970

Client Sample ID: MW-9

Prep Type: Total/NA

| Surrogate                    | MS<br>%Recovery | MS<br>Qualifier | Limits   |
|------------------------------|-----------------|-----------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 100             |                 | 68 - 130 |
| 4-Bromofluorobenzene (Surr)  | 98              |                 | 76 - 123 |
| Dibromofluoromethane (Surr)  | 102             |                 | 75 - 123 |
| Toluene-d8 (Surr)            | 96              |                 | 77 - 120 |

Lab Sample ID: 480-198348-7 MSD

Matrix: Water

Analysis Batch: 627970

Client Sample ID: MW-9

Prep Type: Total/NA

| Surrogate                    | MSD<br>%Recovery | MSD<br>Qualifier | Limits   |
|------------------------------|------------------|------------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 98               |                  | 68 - 130 |
| 4-Bromofluorobenzene (Surr)  | 99               |                  | 76 - 123 |
| Dibromofluoromethane (Surr)  | 99               |                  | 75 - 123 |
| Toluene-d8 (Surr)            | 101              |                  | 77 - 120 |

# QC Association Summary

Client: ARCADIS U.S. Inc  
Project/Site: SMC Maestri Site

Job ID: 480-198348-1

## GC/MS VOA

### Analysis Batch: 627798

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 480-198348-1     | RW-3               | Total/NA  | Water  | 624.1  |            |
| 480-198348-2     | RW-5               | Total/NA  | Water  | 624.1  |            |
| 480-198348-3     | RW-6               | Total/NA  | Water  | 624.1  |            |
| 480-198348-4     | RW-7               | Total/NA  | Water  | 624.1  |            |
| 480-198348-5     | RW-8               | Total/NA  | Water  | 624.1  |            |
| 480-198348-6     | MW-2A              | Total/NA  | Water  | 624.1  |            |
| 480-198348-8     | PZ-20              | Total/NA  | Water  | 624.1  |            |
| 480-198348-9     | PZ-21              | Total/NA  | Water  | 624.1  |            |
| MB 480-627798/9  | Method Blank       | Total/NA  | Water  | 624.1  |            |
| LCS 480-627798/7 | Lab Control Sample | Total/NA  | Water  | 624.1  |            |
| 480-198348-6 MS  | MW-2A              | Total/NA  | Water  | 624.1  |            |
| 480-198348-6 MSD | MW-2A              | Total/NA  | Water  | 624.1  |            |

### Analysis Batch: 627970

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 480-198348-7     | MW-9               | Total/NA  | Water  | 624.1  |            |
| 480-198348-10    | BD_(052422)        | Total/NA  | Water  | 624.1  |            |
| 480-198348-11    | FB_(052422)        | Total/NA  | Water  | 624.1  |            |
| 480-198348-12    | FB_(052522)        | Total/NA  | Water  | 624.1  |            |
| 480-198348-13    | TB_(052422)        | Total/NA  | Water  | 624.1  |            |
| 480-198348-14    | TB_(022522)        | Total/NA  | Water  | 624.1  |            |
| MB 480-627970/9  | Method Blank       | Total/NA  | Water  | 624.1  |            |
| LCS 480-627970/7 | Lab Control Sample | Total/NA  | Water  | 624.1  |            |
| 480-198348-7 MS  | MW-9               | Total/NA  | Water  | 624.1  |            |
| 480-198348-7 MSD | MW-9               | Total/NA  | Water  | 624.1  |            |

# Lab Chronicle

Client: ARCADIS U.S. Inc  
Project/Site: SMC Maestri Site

Job ID: 480-198348-1

**Client Sample ID: RW-3**

**Date Collected: 05/24/22 18:17**

**Date Received: 05/26/22 10:00**

**Lab Sample ID: 480-198348-1**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 624.1        |     | 4               | 627798       | 05/26/22 20:52       | ATG     | TAL BUF |

**Client Sample ID: RW-5**

**Date Collected: 05/25/22 09:05**

**Date Received: 05/26/22 10:00**

**Lab Sample ID: 480-198348-2**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 624.1        |     | 1               | 627798       | 05/26/22 21:16       | ATG     | TAL BUF |

**Client Sample ID: RW-6**

**Date Collected: 05/25/22 11:15**

**Date Received: 05/26/22 10:00**

**Lab Sample ID: 480-198348-3**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 624.1        |     | 2               | 627798       | 05/26/22 21:39       | ATG     | TAL BUF |

**Client Sample ID: RW-7**

**Date Collected: 05/24/22 17:55**

**Date Received: 05/26/22 10:00**

**Lab Sample ID: 480-198348-4**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 624.1        |     | 1               | 627798       | 05/26/22 22:03       | ATG     | TAL BUF |

**Client Sample ID: RW-8**

**Date Collected: 05/25/22 08:52**

**Date Received: 05/26/22 10:00**

**Lab Sample ID: 480-198348-5**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 624.1        |     | 1               | 627798       | 05/26/22 22:27       | ATG     | TAL BUF |

**Client Sample ID: MW-2A**

**Date Collected: 05/24/22 15:00**

**Date Received: 05/26/22 10:00**

**Lab Sample ID: 480-198348-6**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 624.1        |     | 4               | 627798       | 05/26/22 22:52       | ATG     | TAL BUF |

**Client Sample ID: MW-9**

**Date Collected: 05/24/22 14:50**

**Date Received: 05/26/22 10:00**

**Lab Sample ID: 480-198348-7**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 624.1        |     | 8               | 627970       | 05/27/22 17:04       | ATG     | TAL BUF |

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# Lab Chronicle

Client: ARCADIS U.S. Inc  
Project/Site: SMC Maestri Site

Job ID: 480-198348-1

**Client Sample ID: PZ-20**

**Lab Sample ID: 480-198348-8**

**Date Collected: 05/25/22 13:43**

**Matrix: Water**

**Date Received: 05/26/22 10:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 624.1        |     | 1               | 627798       | 05/26/22 23:40       | ATG     | TAL BUF |

**Client Sample ID: PZ-21**

**Lab Sample ID: 480-198348-9**

**Date Collected: 05/25/22 11:08**

**Matrix: Water**

**Date Received: 05/26/22 10:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 624.1        |     | 1               | 627798       | 05/27/22 00:04       | ATG     | TAL BUF |

**Client Sample ID: BD\_(052422)**

**Lab Sample ID: 480-198348-10**

**Date Collected: 05/24/22 00:00**

**Matrix: Water**

**Date Received: 05/26/22 10:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 624.1        |     | 8               | 627970       | 05/27/22 17:28       | ATG     | TAL BUF |

**Client Sample ID: FB\_(052422)**

**Lab Sample ID: 480-198348-11**

**Date Collected: 05/24/22 19:35**

**Matrix: Water**

**Date Received: 05/26/22 10:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 624.1        |     | 1               | 627970       | 05/27/22 17:52       | ATG     | TAL BUF |

**Client Sample ID: FB\_(052522)**

**Lab Sample ID: 480-198348-12**

**Date Collected: 05/24/22 14:35**

**Matrix: Water**

**Date Received: 05/26/22 10:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 624.1        |     | 1               | 627970       | 05/27/22 18:16       | ATG     | TAL BUF |

**Client Sample ID: TB\_(052422)**

**Lab Sample ID: 480-198348-13**

**Date Collected: 05/25/22 00:00**

**Matrix: Water**

**Date Received: 05/26/22 10:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 624.1        |     | 1               | 627970       | 05/27/22 18:40       | ATG     | TAL BUF |

**Client Sample ID: TB\_(022522)**

**Lab Sample ID: 480-198348-14**

**Date Collected: 05/25/22 00:00**

**Matrix: Water**

**Date Received: 05/26/22 10:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 624.1        |     | 1               | 627970       | 05/27/22 19:04       | ATG     | TAL BUF |

## Laboratory References:

TAL BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Eurofins Buffalo



# Accreditation/Certification Summary

Client: ARCADIS U.S. Inc  
Project/Site: SMC Maestri Site

Job ID: 480-198348-1

## Laboratory: Eurofins Buffalo

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| New York  | NELAP   | 10026                 | 06-21-22        |

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

# Method Summary

Client: ARCADIS U.S. Inc  
Project/Site: SMC Maestri Site

Job ID: 480-198348-1

| Method | Method Description                 | Protocol  | Laboratory |
|--------|------------------------------------|-----------|------------|
| 624.1  | Volatile Organic Compounds (GC/MS) | 40CFR136A | TAL BUF    |

## Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

## Laboratory References:

TAL BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

# Sample Summary

Client: ARCADIS U.S. Inc  
Project/Site: SMC Maestri Site

Job ID: 480-198348-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 480-198348-1  | RW-3             | Water  | 05/24/22 18:17 | 05/26/22 10:00 |
| 480-198348-2  | RW-5             | Water  | 05/25/22 09:05 | 05/26/22 10:00 |
| 480-198348-3  | RW-6             | Water  | 05/25/22 11:15 | 05/26/22 10:00 |
| 480-198348-4  | RW-7             | Water  | 05/24/22 17:55 | 05/26/22 10:00 |
| 480-198348-5  | RW-8             | Water  | 05/25/22 08:52 | 05/26/22 10:00 |
| 480-198348-6  | MW-2A            | Water  | 05/24/22 15:00 | 05/26/22 10:00 |
| 480-198348-7  | MW-9             | Water  | 05/24/22 14:50 | 05/26/22 10:00 |
| 480-198348-8  | PZ-20            | Water  | 05/25/22 13:43 | 05/26/22 10:00 |
| 480-198348-9  | PZ-21            | Water  | 05/25/22 11:08 | 05/26/22 10:00 |
| 480-198348-10 | BD_(052422)      | Water  | 05/24/22 00:00 | 05/26/22 10:00 |
| 480-198348-11 | FB_(052422)      | Water  | 05/24/22 19:35 | 05/26/22 10:00 |
| 480-198348-12 | FB_(052522)      | Water  | 05/24/22 14:35 | 05/26/22 10:00 |
| 480-198348-13 | TB_(052422)      | Water  | 05/25/22 00:00 | 05/26/22 10:00 |
| 480-198348-14 | TB_(022522)      | Water  | 05/25/22 00:00 | 05/26/22 10:00 |

Chain of Custody Record

|                                                                                |  |                                     |  |                                             |  |                                                                                                                                                                                                                                                                        |  |
|--------------------------------------------------------------------------------|--|-------------------------------------|--|---------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Client Information</b>                                                      |  | Sampler: Jason Butkowski            |  | Lab PM: Schove, John R                      |  | COC No: 10-174180-37579.1                                                                                                                                                                                                                                              |  |
| Client Contact: Ms. Rebecca Hensel                                             |  | Phone: 315 436 3605                 |  | E-Mail: John.Schove@et.eurofinsus.com       |  | Page: 1 of 2                                                                                                                                                                                                                                                           |  |
| Company: ARCADIS U.S. Inc                                                      |  | PWSID:                              |  | State of Origin: #225                       |  | Job #:                                                                                                                                                                                                                                                                 |  |
| Address: One Lincoln Center 110 West Fayette St, Suite 300                     |  | Due Date Requested:                 |  | Analysis Requested                          |  | Preservation Codes:                                                                                                                                                                                                                                                    |  |
| City: Syracuse                                                                 |  | TAT Requested (days): Standard Turn |  |                                             |  | A - HCL<br>M - Hexane<br>B - NaOH<br>N - None<br>C - Zn Acetate<br>O - AsNaO2<br>D - Nitric Acid<br>P - Na2O4S<br>E - NaHSO4<br>F - MeOH<br>G - Amchlor<br>H - Ascorbic Acid<br>I - Ice<br>J - DI Water<br>K - pH 4-5<br>L - Trizma<br>M - MCAA<br>N - other (specify) |  |
| Phone: 315-446-9120(Tel)                                                       |  | PO #: 30120984                      |  |                                             |  |                                                                                                                                                                                                                                                                        |  |
| Email: rebecca.hensel@arcadis-us.com                                           |  | WO #:                               |  |                                             |  |                                                                                                                                                                                                                                                                        |  |
| Project Name: SMC Maestri Site                                                 |  | Project #: 48025201                 |  |                                             |  |                                                                                                                                                                                                                                                                        |  |
| Site:                                                                          |  | SSOW#:                              |  |                                             |  |                                                                                                                                                                                                                                                                        |  |
| <b>Sample Identification</b>                                                   |  | Sample Date                         |  | Sample Time                                 |  | Sample Type (C=Comp, G=grab)                                                                                                                                                                                                                                           |  |
| RW-3                                                                           |  | 5/24/22                             |  | 1817                                        |  | G Water                                                                                                                                                                                                                                                                |  |
| RW-5                                                                           |  | 5/25/22                             |  | 0105                                        |  | G Water                                                                                                                                                                                                                                                                |  |
| RW-6                                                                           |  | 5/25/22                             |  | 1115                                        |  | G Water                                                                                                                                                                                                                                                                |  |
| RW-7                                                                           |  | 5/24/22                             |  | 1755                                        |  | G Water                                                                                                                                                                                                                                                                |  |
| RW-8                                                                           |  | 5/25/22                             |  | 0852                                        |  | G Water                                                                                                                                                                                                                                                                |  |
| MW-2A                                                                          |  | 5/24/22                             |  | 1500                                        |  | G Water                                                                                                                                                                                                                                                                |  |
| MW-9                                                                           |  | 5/24/22                             |  | 1450                                        |  | G Water                                                                                                                                                                                                                                                                |  |
| PZ-20                                                                          |  | 5/25/22                             |  | 1343                                        |  | G Water                                                                                                                                                                                                                                                                |  |
| PZ-21                                                                          |  | 5/25/22                             |  | 1108                                        |  | G Water                                                                                                                                                                                                                                                                |  |
| MS (MW-2A)                                                                     |  | 5/24/22                             |  | 1500                                        |  | G Water                                                                                                                                                                                                                                                                |  |
| MSD (MW-2A)                                                                    |  | 5/24/22                             |  | 1500                                        |  | G Water                                                                                                                                                                                                                                                                |  |
| <b>Possible Hazard Identification</b>                                          |  | <input type="checkbox"/> Non-Hazard |  | <input type="checkbox"/> Flammable          |  | <input type="checkbox"/> Skin Irritant                                                                                                                                                                                                                                 |  |
| Deliverable Requested: I, II, III, IV, Other (specify)                         |  | <input type="checkbox"/> Poison B   |  | <input type="checkbox"/> Unknown            |  | <input type="checkbox"/> Radiological                                                                                                                                                                                                                                  |  |
| Empty Kit Relinquished by:                                                     |  | Date:                               |  | Time:                                       |  | Method of Shipment:                                                                                                                                                                                                                                                    |  |
| Relinquished by: [Signature]                                                   |  | 5/25/22 1632                        |  | A-00015                                     |  | Received by: [Signature]                                                                                                                                                                                                                                               |  |
| Relinquished by: [Signature]                                                   |  | 5/25/22 1900                        |  | Sya                                         |  | Received by: [Signature]                                                                                                                                                                                                                                               |  |
| Relinquished by: [Signature]                                                   |  | 5/25/22 1900                        |  | Sya                                         |  | Received by: [Signature]                                                                                                                                                                                                                                               |  |
| Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No |  | Custody Seal No.:                   |  | Cooler Temperature(s) °C and Other Remarks: |  | 2.8                                                                                                                                                                                                                                                                    |  |

## Chain of Custody Record

|                                                                                                                                                                                                                        |         |                                            |             |                                          |                                                          |                                   |                            |                              |                              |                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------|-------------|------------------------------------------|----------------------------------------------------------|-----------------------------------|----------------------------|------------------------------|------------------------------|----------------------------|
| <b>Client Information</b>                                                                                                                                                                                              |         | Sampler: <u>Jason Gutkowski</u>            |             | Lab PM: <u>Schrove, John R</u>           | Carrier: <u>Syracuse</u>                                 | DOC No: <u>00-174180-37579.2</u>  |                            |                              |                              |                            |
| Client Contact: <u>Ms. Rebecca Hensel</u>                                                                                                                                                                              |         | Phone: <u>315 436 3605</u>                 |             | E-Mail: <u>John.Schrove@eurofins.com</u> | State of Origin: <u>#225</u>                             | Page: <u>Page 2 of 2</u>          |                            |                              |                              |                            |
| Company: <u>ARCADIS U.S. Inc</u>                                                                                                                                                                                       |         | PWSID: <u></u>                             |             | Job #:                                   |                                                          |                                   |                            |                              |                              |                            |
| Address: <u>One Lincoln Center 110 West Fayette St, Suite 300</u>                                                                                                                                                      |         | Analysis Requested                         |             |                                          |                                                          |                                   |                            |                              |                              |                            |
| City: <u>Syracuse</u>                                                                                                                                                                                                  |         | Due Date Requested: <u></u>                |             |                                          |                                                          |                                   |                            |                              |                              |                            |
| State, Zip: <u>NY, 13202</u>                                                                                                                                                                                           |         | TAT Requested (days): <u>Standard Turn</u> |             |                                          |                                                          |                                   |                            |                              |                              |                            |
| Phone: <u>315-446-9120(Tel)</u>                                                                                                                                                                                        |         | Compliance Project: <u>Δ Yes Δ No</u>      |             |                                          |                                                          |                                   |                            |                              |                              |                            |
| Email: <u>rebecca.hensel@arcadis-us.com</u>                                                                                                                                                                            |         | PO #: <u>30120984</u>                      |             |                                          |                                                          |                                   |                            |                              |                              |                            |
| Project Name: <u>SMC Maestri Site</u>                                                                                                                                                                                  |         | WO #: <u></u>                              |             |                                          |                                                          |                                   |                            |                              |                              |                            |
| Site: <u></u>                                                                                                                                                                                                          |         | Project #: <u>48025201</u>                 |             |                                          |                                                          |                                   |                            |                              |                              |                            |
| SSOW#: <u></u>                                                                                                                                                                                                         |         | Due Date Requested: <u></u>                |             |                                          |                                                          |                                   |                            |                              |                              |                            |
| Sample Identification                                                                                                                                                                                                  |         | Sample Date                                | Sample Time | Sample Type (C=Comp, G=grab)             | Matrix (W=water, S=solid, O=waste/oil, BT=tissue, A=air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 624.1 PREC - 624.1 - Xylenes | 624.1 PREC - 624.1 - Xylenes | Special Instructions/Note: |
| BD_652422                                                                                                                                                                                                              | 5/24/22 | —                                          | G           | Water                                    | Water                                                    | W                                 | N                          | 3                            |                              |                            |
| FB_052422                                                                                                                                                                                                              | 5/24/22 | 1935                                       | G           | Water                                    | Water                                                    | W                                 | N                          | 3                            |                              |                            |
| FB_052522                                                                                                                                                                                                              | 5/25/22 | 1435                                       | G           | Water                                    | Water                                                    | W                                 | N                          | 3                            |                              |                            |
| TB_052422                                                                                                                                                                                                              | —       | —                                          | —           | Water                                    | Water                                                    | W                                 | N                          | 2                            |                              |                            |
| TB_052522                                                                                                                                                                                                              | —       | —                                          | —           | Water                                    | Water                                                    | W                                 | N                          | 2                            |                              |                            |
| 5-25-22                                                                                                                                                                                                                |         |                                            |             |                                          |                                                          |                                   |                            |                              |                              |                            |
| Possible Hazard Identification                                                                                                                                                                                         |         |                                            |             |                                          |                                                          |                                   |                            |                              |                              |                            |
| <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological |         |                                            |             |                                          |                                                          |                                   |                            |                              |                              |                            |
| Deliverable Requested: I, II, III, IV, Other (specify)                                                                                                                                                                 |         |                                            |             |                                          |                                                          |                                   |                            |                              |                              |                            |
| Empty Kit Relinquished by: <u></u> Date: <u></u> Time: <u></u>                                                                                                                                                         |         |                                            |             |                                          |                                                          |                                   |                            |                              |                              |                            |
| Relinquished by: <u>Sam Mulla</u> Date/Time: <u>5/25/22 1632</u> Company: <u>Arcadis</u>                                                                                                                               |         |                                            |             |                                          |                                                          |                                   |                            |                              |                              |                            |
| Relinquished by: <u>R. Elgish</u> Date/Time: <u>5-25-22 1900</u> Company: <u>Syn</u>                                                                                                                                   |         |                                            |             |                                          |                                                          |                                   |                            |                              |                              |                            |
| Relinquished by: <u></u> Date/Time: <u></u> Company: <u></u>                                                                                                                                                           |         |                                            |             |                                          |                                                          |                                   |                            |                              |                              |                            |
| Custody Seals Intact: <u>Δ Yes Δ No</u> Custody Seal No.: <u></u>                                                                                                                                                      |         |                                            |             |                                          |                                                          |                                   |                            |                              |                              |                            |
| Cooler Temperature(s) °C and Other Remarks: <u></u>                                                                                                                                                                    |         |                                            |             |                                          |                                                          |                                   |                            |                              |                              |                            |

## Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 480-198348-1

**Login Number: 198348**

**List Number: 1**

**Creator: Stopa, Erik S**

**List Source: Eurofins Buffalo**

| Question                                                                         | Answer | Comment |
|----------------------------------------------------------------------------------|--------|---------|
| Radioactivity either was not measured or, if measured, is at or below background | True   |         |
| The cooler's custody seal, if present, is intact.                                | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.   | True   |         |
| Samples were received on ice.                                                    | True   |         |
| Cooler Temperature is acceptable.                                                | True   |         |
| Cooler Temperature is recorded.                                                  | True   |         |
| COC is present.                                                                  | True   |         |
| COC is filled out in ink and legible.                                            | True   |         |
| COC is filled out with all pertinent information.                                | True   |         |
| Is the Field Sampler's name present on COC?                                      | True   |         |
| There are no discrepancies between the sample IDs on the containers and the COC. | True   |         |
| Samples are received within Holding Time (Excluding tests with immediate HTs)..  | True   |         |
| Sample containers have legible labels.                                           | True   |         |
| Containers are not broken or leaking.                                            | True   |         |
| Sample collection date/times are provided.                                       | True   |         |
| Appropriate sample containers are used.                                          | True   |         |
| Sample bottles are completely filled.                                            | True   |         |
| Sample Preservation Verified                                                     | True   |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True   |         |
| VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.     | True   |         |
| If necessary, staff have been informed of any short hold time or quick TAT needs | True   |         |
| Multiphasic samples are not present.                                             | True   |         |
| Samples do not require splitting or compositing.                                 | True   |         |
| Sampling Company provided.                                                       | True   | ARCADIS |
| Samples received within 48 hours of sampling.                                    | True   |         |
| Samples requiring field filtration have been filtered in the field.              | N/A    |         |
| Chlorine Residual checked.                                                       | N/A    |         |

## **ANALYTICAL REPORT**

Job Number: 460-268503-1

Job Description: Maestri - Geddes, NY

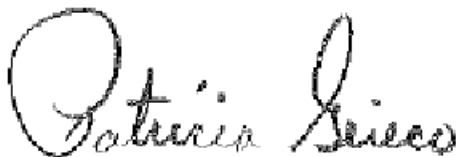
For:

ARCADIS U.S. Inc

655 3rd Avenue

New York, NY 10017

Attention: Ms. Rebecca Hensel



Approved for release.  
Patricia Grieco  
Senior Project Manager  
11/8/2022 3:12 PM

---

Designee for  
Grace Chang, Project Manager II  
777 New Durham Road, Edison, NJ, 08817  
(732)593-2579  
Grace.Chang@et.eurofinsus.com  
11/08/2022

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 Edison and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Edison 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. This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

### **Eurofins Edison**

777 New Durham Road, Edison, NJ 08817

Tel (732) 549-3900 Fax (732) 549-3679 [www.EurofinsUS.com](http://www.EurofinsUS.com)



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## **CASE NARRATIVE**

**Client: ARCADIS U.S. Inc**

**Project: Maestri - Geddes, NY**

**Report Number: 460-268503-1**

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

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

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

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

### **RECEIPT**

The samples were received on 10/29/2022; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.5 C.

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

### **VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Samples RW-6 (460-268503-1), RW-7 (460-268503-2), MW-2A (460-268503-3), MW-9 (460-268503-4), PZ-21 (460-268503-5), BD\_(10282022) (460-268503-6), FB\_(20221028) (460-268503-7) and TB\_(20221028) (460-268503-8) were analyzed for Volatile Organic Compounds by GC/MS in accordance with EPA Method 624.1. The samples were analyzed on 11/03/2022.

No difficulties were encountered during the VOCs analysis.

All quality control parameters were within the acceptance limits.

# Sample Summary

Client: ARCADIS U.S. Inc  
Project/Site: Maestri - Geddes, NY

Job ID: 460-268503-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 460-268503-1  | RW-6             | Water  | 10/28/22 13:40 | 10/29/22 12:20 |
| 460-268503-2  | RW-7             | Water  | 10/28/22 12:10 | 10/29/22 12:20 |
| 460-268503-3  | MW-2A            | Water  | 10/28/22 11:15 | 10/29/22 12:20 |
| 460-268503-4  | MW-9             | Water  | 10/28/22 13:00 | 10/29/22 12:20 |
| 460-268503-5  | PZ-21            | Water  | 10/28/22 15:30 | 10/29/22 12:20 |
| 460-268503-6  | BD_(10282022)    | Water  | 10/28/22 00:00 | 10/29/22 12:20 |
| 460-268503-7  | FB_(20221028)    | Water  | 10/28/22 00:00 | 10/29/22 12:20 |
| 460-268503-8  | TB_(20221028)    | Water  | 10/28/22 00:00 | 10/29/22 12:20 |

# Detection Summary

Client: ARCADIS U.S. Inc  
Project/Site: Maestri - Geddes, NY

Job ID: 460-268503-1

## Client Sample ID: RW-6

## Lab Sample ID: 460-268503-1

| Analyte        | Result | Qualifier | RL  | MDL  | Unit | Dil | Fac | D | Method | Prep Type |
|----------------|--------|-----------|-----|------|------|-----|-----|---|--------|-----------|
| Xylenes, Total | 4.9    |           | 2.0 | 0.65 | ug/L | 1   |     |   | 624.1  | Total/NA  |

## Client Sample ID: RW-7

## Lab Sample ID: 460-268503-2

| Analyte        | Result | Qualifier | RL  | MDL  | Unit | Dil | Fac | D | Method | Prep Type |
|----------------|--------|-----------|-----|------|------|-----|-----|---|--------|-----------|
| Xylenes, Total | 14     |           | 2.0 | 0.65 | ug/L | 1   |     |   | 624.1  | Total/NA  |

## Client Sample ID: MW-2A

## Lab Sample ID: 460-268503-3

| Analyte        | Result | Qualifier | RL  | MDL  | Unit | Dil | Fac | D | Method | Prep Type |
|----------------|--------|-----------|-----|------|------|-----|-----|---|--------|-----------|
| Xylenes, Total | 120    |           | 2.0 | 0.65 | ug/L | 1   |     |   | 624.1  | Total/NA  |

## Client Sample ID: MW-9

## Lab Sample ID: 460-268503-4

No Detections.

## Client Sample ID: PZ-21

## Lab Sample ID: 460-268503-5

No Detections.

## Client Sample ID: BD\_(10282022)

## Lab Sample ID: 460-268503-6

| Analyte        | Result | Qualifier | RL  | MDL  | Unit | Dil | Fac | D | Method | Prep Type |
|----------------|--------|-----------|-----|------|------|-----|-----|---|--------|-----------|
| Xylenes, Total | 110    |           | 2.0 | 0.65 | ug/L | 1   |     |   | 624.1  | Total/NA  |

## Client Sample ID: FB\_(20221028)

## Lab Sample ID: 460-268503-7

No Detections.

## Client Sample ID: TB\_(20221028)

## Lab Sample ID: 460-268503-8

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Edison

# Method Summary

Client: ARCADIS U.S. Inc  
Project/Site: Maestri - Geddes, NY

Job ID: 460-268503-1

| Method | Method Description                 | Protocol  | Laboratory |
|--------|------------------------------------|-----------|------------|
| 624.1  | Volatile Organic Compounds (GC/MS) | 40CFR136A | EET EDI    |

## Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

## Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

# Client Sample Results

Client: ARCADIS U.S. Inc  
Project/Site: Maestri - Geddes, NY

Job ID: 460-268503-1

**Client Sample ID: RW-6**

**Date Collected: 10/28/22 13:40**

**Date Received: 10/29/22 12:20**

**Lab Sample ID: 460-268503-1**

**Matrix: Water**

**Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)**

| Analyte        | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Xylenes, Total | 4.9    |           | 2.0 | 0.65 | ug/L |   |          | 11/03/22 11:50 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene         | 116       |           | 60 - 140 |          | 11/03/22 11:50 | 1       |
| Dibromofluoromethane (Surr)  | 131       |           | 60 - 140 |          | 11/03/22 11:50 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 95        |           | 60 - 140 |          | 11/03/22 11:50 | 1       |
| Toluene-d8 (Surr)            | 86        |           | 60 - 140 |          | 11/03/22 11:50 | 1       |

**Client Sample ID: RW-7**

**Date Collected: 10/28/22 12:10**

**Date Received: 10/29/22 12:20**

**Lab Sample ID: 460-268503-2**

**Matrix: Water**

**Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)**

| Analyte        | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Xylenes, Total | 14     |           | 2.0 | 0.65 | ug/L |   |          | 11/03/22 17:40 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene         | 113       |           | 60 - 140 |          | 11/03/22 17:40 | 1       |
| Dibromofluoromethane (Surr)  | 117       |           | 60 - 140 |          | 11/03/22 17:40 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 87        |           | 60 - 140 |          | 11/03/22 17:40 | 1       |
| Toluene-d8 (Surr)            | 94        |           | 60 - 140 |          | 11/03/22 17:40 | 1       |

**Client Sample ID: MW-2A**

**Date Collected: 10/28/22 11:15**

**Date Received: 10/29/22 12:20**

**Lab Sample ID: 460-268503-3**

**Matrix: Water**

**Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)**

| Analyte        | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Xylenes, Total | 120    |           | 2.0 | 0.65 | ug/L |   |          | 11/03/22 18:05 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene         | 112       |           | 60 - 140 |          | 11/03/22 18:05 | 1       |
| Dibromofluoromethane (Surr)  | 118       |           | 60 - 140 |          | 11/03/22 18:05 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 86        |           | 60 - 140 |          | 11/03/22 18:05 | 1       |
| Toluene-d8 (Surr)            | 98        |           | 60 - 140 |          | 11/03/22 18:05 | 1       |

**Client Sample ID: MW-9**

**Date Collected: 10/28/22 13:00**

**Date Received: 10/29/22 12:20**

**Lab Sample ID: 460-268503-4**

**Matrix: Water**

**Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)**

| Analyte        | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| Xylenes, Total | 2.0    | U         | 2.0 | 0.65 | ug/L |   |          | 11/03/22 16:50 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene         | 103       |           | 60 - 140 |          | 11/03/22 16:50 | 1       |
| Dibromofluoromethane (Surr)  | 123       |           | 60 - 140 |          | 11/03/22 16:50 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 90        |           | 60 - 140 |          | 11/03/22 16:50 | 1       |
| Toluene-d8 (Surr)            | 90        |           | 60 - 140 |          | 11/03/22 16:50 | 1       |

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# Client Sample Results

Client: ARCADIS U.S. Inc  
Project/Site: Maestri - Geddes, NY

Job ID: 460-268503-1

**Client Sample ID: PZ-21**

**Date Collected: 10/28/22 15:30**

**Date Received: 10/29/22 12:20**

**Lab Sample ID: 460-268503-5**

**Matrix: Water**

**Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)**

| Analyte                      | Result    | Qualifier | RL       | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| Xylenes, Total               | 2.0       | U         | 2.0      | 0.65 | ug/L |   |          | 11/03/22 17:15 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene         | 103       |           | 60 - 140 |      |      |   |          | 11/03/22 17:15 | 1       |
| Dibromofluoromethane (Surr)  | 114       |           | 60 - 140 |      |      |   |          | 11/03/22 17:15 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 86        |           | 60 - 140 |      |      |   |          | 11/03/22 17:15 | 1       |
| Toluene-d8 (Surr)            | 96        |           | 60 - 140 |      |      |   |          | 11/03/22 17:15 | 1       |

**Client Sample ID: BD\_(10282022)**

**Date Collected: 10/28/22 00:00**

**Date Received: 10/29/22 12:20**

**Lab Sample ID: 460-268503-6**

**Matrix: Water**

**Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)**

| Analyte                      | Result    | Qualifier | RL       | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| Xylenes, Total               | 110       |           | 2.0      | 0.65 | ug/L |   |          | 11/03/22 18:30 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene         | 115       |           | 60 - 140 |      |      |   |          | 11/03/22 18:30 | 1       |
| Dibromofluoromethane (Surr)  | 117       |           | 60 - 140 |      |      |   |          | 11/03/22 18:30 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 85        |           | 60 - 140 |      |      |   |          | 11/03/22 18:30 | 1       |
| Toluene-d8 (Surr)            | 90        |           | 60 - 140 |      |      |   |          | 11/03/22 18:30 | 1       |

**Client Sample ID: FB\_(20221028)**

**Date Collected: 10/28/22 00:00**

**Date Received: 10/29/22 12:20**

**Lab Sample ID: 460-268503-7**

**Matrix: Water**

**Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)**

| Analyte                      | Result    | Qualifier | RL       | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| Xylenes, Total               | 2.0       | U         | 2.0      | 0.65 | ug/L |   |          | 11/03/22 15:10 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene         | 111       |           | 60 - 140 |      |      |   |          | 11/03/22 15:10 | 1       |
| Dibromofluoromethane (Surr)  | 125       |           | 60 - 140 |      |      |   |          | 11/03/22 15:10 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 89        |           | 60 - 140 |      |      |   |          | 11/03/22 15:10 | 1       |
| Toluene-d8 (Surr)            | 88        |           | 60 - 140 |      |      |   |          | 11/03/22 15:10 | 1       |

**Client Sample ID: TB\_(20221028)**

**Date Collected: 10/28/22 00:00**

**Date Received: 10/29/22 12:20**

**Lab Sample ID: 460-268503-8**

**Matrix: Water**

**Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)**

| Analyte                      | Result    | Qualifier | RL       | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| Xylenes, Total               | 2.0       | U         | 2.0      | 0.65 | ug/L |   |          | 11/03/22 15:35 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene         | 107       |           | 60 - 140 |      |      |   |          | 11/03/22 15:35 | 1       |
| Dibromofluoromethane (Surr)  | 123       |           | 60 - 140 |      |      |   |          | 11/03/22 15:35 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 89        |           | 60 - 140 |      |      |   |          | 11/03/22 15:35 | 1       |
| Toluene-d8 (Surr)            | 92        |           | 60 - 140 |      |      |   |          | 11/03/22 15:35 | 1       |

Eurofins Edison

# Surrogate Summary

Client: ARCADIS U.S. Inc  
Project/Site: Maestri - Geddes, NY

Job ID: 460-268503-1

## Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID    | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                  |                 |                 |
|------------------|--------------------|------------------------------------------------|------------------|-----------------|-----------------|
|                  |                    | BFB<br>(60-140)                                | DBFM<br>(60-140) | DCA<br>(60-140) | TOL<br>(60-140) |
| 460-268503-1     | RW-6               | 116                                            | 131              | 95              | 86              |
| 460-268503-1 MS  | RW-6               | 119                                            | 116              | 88              | 99              |
| 460-268503-1 MSD | RW-6               | 119                                            | 113              | 86              | 98              |
| 460-268503-2     | RW-7               | 113                                            | 117              | 87              | 94              |
| 460-268503-3     | MW-2A              | 112                                            | 118              | 86              | 98              |
| 460-268503-4     | MW-9               | 103                                            | 123              | 90              | 90              |
| 460-268503-5     | PZ-21              | 103                                            | 114              | 86              | 96              |
| 460-268503-6     | BD_(10282022)      | 115                                            | 117              | 85              | 90              |
| 460-268503-7     | FB_(20221028)      | 111                                            | 125              | 89              | 88              |
| 460-268503-8     | TB_(20221028)      | 107                                            | 123              | 89              | 92              |
| LCS 460-875754/5 | Lab Control Sample | 116                                            | 114              | 86              | 97              |
| MB 460-875754/8  | Method Blank       | 110                                            | 117              | 86              | 90              |

### Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)



# QC Sample Results

Client: ARCADIS U.S. Inc  
Project/Site: Maestri - Geddes, NY

Job ID: 460-268503-1

## Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-875754/8

Matrix: Water

Analysis Batch: 875754

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                      | MB<br>Result    | MB<br>Qualifier | RL       | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------------|-----------------|----------|------|------|---|----------|----------------|---------|
| Xylenes, Total               | 2.0             | U               | 2.0      | 0.65 | ug/L |   |          | 11/03/22 10:53 | 1       |
| Surrogate                    | MB<br>%Recovery | MB<br>Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene         | 110             |                 | 60 - 140 |      |      |   |          | 11/03/22 10:53 | 1       |
| Dibromofluoromethane (Surr)  | 117             |                 | 60 - 140 |      |      |   |          | 11/03/22 10:53 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 86              |                 | 60 - 140 |      |      |   |          | 11/03/22 10:53 | 1       |
| Toluene-d8 (Surr)            | 90              |                 | 60 - 140 |      |      |   |          | 11/03/22 10:53 | 1       |

Lab Sample ID: LCS 460-875754/5

Matrix: Water

Analysis Batch: 875754

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                      | Spike<br>Added   | LCS<br>Result    | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|------------------------------|------------------|------------------|------------------|------|---|------|----------------|
| m-Xylene & p-Xylene          | 20.0             | 17.2             |                  | ug/L |   | 86   | 60 - 140       |
| o-Xylene                     | 20.0             | 16.7             |                  | ug/L |   | 84   | 60 - 140       |
| Xylenes, Total               | 40.0             | 33.9             |                  | ug/L |   | 85   | 60 - 140       |
| Surrogate                    | LCS<br>%Recovery | LCS<br>Qualifier | Limits           |      |   |      |                |
| 4-Bromofluorobenzene         | 116              |                  | 60 - 140         |      |   |      |                |
| Dibromofluoromethane (Surr)  | 114              |                  | 60 - 140         |      |   |      |                |
| 1,2-Dichloroethane-d4 (Surr) | 86               |                  | 60 - 140         |      |   |      |                |
| Toluene-d8 (Surr)            | 97               |                  | 60 - 140         |      |   |      |                |

Lab Sample ID: 460-268503-1 MS

Matrix: Water

Analysis Batch: 875754

Client Sample ID: RW-6

Prep Type: Total/NA

| Analyte                      | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|------------------------------|------------------|---------------------|----------------|--------------|-----------------|------|---|------|----------------|
| m-Xylene & p-Xylene          | 4.7              |                     | 20.0           | 23.7         |                 | ug/L |   | 95   | 60 - 140       |
| o-Xylene                     | 1.0              | U                   | 20.0           | 17.2         |                 | ug/L |   | 86   | 60 - 140       |
| Xylenes, Total               | 4.9              |                     | 40.0           | 41.0         |                 | ug/L |   | 90   | 60 - 140       |
| Surrogate                    | MS<br>%Recovery  | MS<br>Qualifier     | Limits         |              |                 |      |   |      |                |
| 4-Bromofluorobenzene         | 119              |                     | 60 - 140       |              |                 |      |   |      |                |
| Dibromofluoromethane (Surr)  | 116              |                     | 60 - 140       |              |                 |      |   |      |                |
| 1,2-Dichloroethane-d4 (Surr) | 88               |                     | 60 - 140       |              |                 |      |   |      |                |
| Toluene-d8 (Surr)            | 99               |                     | 60 - 140       |              |                 |      |   |      |                |

Lab Sample ID: 460-268503-1 MSD

Matrix: Water

Analysis Batch: 875754

Client Sample ID: RW-6

Prep Type: Total/NA

| Analyte             | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
|---------------------|------------------|---------------------|----------------|---------------|------------------|------|---|------|----------------|-----|--------------|
| m-Xylene & p-Xylene | 4.7              |                     | 20.0           | 24.1          |                  | ug/L |   | 97   | 60 - 140       | 1   | 50           |
| o-Xylene            | 1.0              | U                   | 20.0           | 17.5          |                  | ug/L |   | 88   | 60 - 140       | 2   | 50           |
| Xylenes, Total      | 4.9              |                     | 40.0           | 41.6          |                  | ug/L |   | 92   | 60 - 140       | 2   | 50           |

# QC Sample Results

Client: ARCADIS U.S. Inc  
Project/Site: Maestri - Geddes, NY

Job ID: 460-268503-1

## Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-268503-1 MSD

Matrix: Water

Analysis Batch: 875754

Client Sample ID: RW-6

Prep Type: Total/NA

| Surrogate                    | MSD       | MSD       | Limits   |
|------------------------------|-----------|-----------|----------|
|                              | %Recovery | Qualifier |          |
| 4-Bromofluorobenzene         | 119       |           | 60 - 140 |
| Dibromofluoromethane (Surr)  | 113       |           | 60 - 140 |
| 1,2-Dichloroethane-d4 (Surr) | 86        |           | 60 - 140 |
| Toluene-d8 (Surr)            | 98        |           | 60 - 140 |

# Definitions/Glossary

Client: ARCADIS U.S. Inc  
Project/Site: Maestri - Geddes, NY

Job ID: 460-268503-1

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description          |
|-----------|--------------------------------|
| U         | 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                                                                                       |

# QC Association Summary

Client: ARCADIS U.S. Inc  
Project/Site: Maestri - Geddes, NY

Job ID: 460-268503-1

## GC/MS VOA

### Analysis Batch: 875754

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 460-268503-1     | RW-6               | Total/NA  | Water  | 624.1  |            |
| 460-268503-2     | RW-7               | Total/NA  | Water  | 624.1  |            |
| 460-268503-3     | MW-2A              | Total/NA  | Water  | 624.1  |            |
| 460-268503-4     | MW-9               | Total/NA  | Water  | 624.1  |            |
| 460-268503-5     | PZ-21              | Total/NA  | Water  | 624.1  |            |
| 460-268503-6     | BD_(10282022)      | Total/NA  | Water  | 624.1  |            |
| 460-268503-7     | FB_(20221028)      | Total/NA  | Water  | 624.1  |            |
| 460-268503-8     | TB_(20221028)      | Total/NA  | Water  | 624.1  |            |
| MB 460-875754/8  | Method Blank       | Total/NA  | Water  | 624.1  |            |
| LCS 460-875754/5 | Lab Control Sample | Total/NA  | Water  | 624.1  |            |
| 460-268503-1 MS  | RW-6               | Total/NA  | Water  | 624.1  |            |
| 460-268503-1 MSD | RW-6               | Total/NA  | Water  | 624.1  |            |

# Lab Chronicle

Client: ARCADIS U.S. Inc  
Project/Site: Maestri - Geddes, NY

Job ID: 460-268503-1

**Client Sample ID: RW-6**

**Date Collected: 10/28/22 13:40**

**Date Received: 10/29/22 12:20**

**Lab Sample ID: 460-268503-1**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 624.1        |     | 1               | 875754       | CJM     | EET EDI | 11/03/22 11:50       |

**Client Sample ID: RW-7**

**Date Collected: 10/28/22 12:10**

**Date Received: 10/29/22 12:20**

**Lab Sample ID: 460-268503-2**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 624.1        |     | 1               | 875754       | CJM     | EET EDI | 11/03/22 17:40       |

**Client Sample ID: MW-2A**

**Date Collected: 10/28/22 11:15**

**Date Received: 10/29/22 12:20**

**Lab Sample ID: 460-268503-3**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 624.1        |     | 1               | 875754       | CJM     | EET EDI | 11/03/22 18:05       |

**Client Sample ID: MW-9**

**Date Collected: 10/28/22 13:00**

**Date Received: 10/29/22 12:20**

**Lab Sample ID: 460-268503-4**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 624.1        |     | 1               | 875754       | CJM     | EET EDI | 11/03/22 16:50       |

**Client Sample ID: PZ-21**

**Date Collected: 10/28/22 15:30**

**Date Received: 10/29/22 12:20**

**Lab Sample ID: 460-268503-5**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 624.1        |     | 1               | 875754       | CJM     | EET EDI | 11/03/22 17:15       |

**Client Sample ID: BD\_(10282022)**

**Date Collected: 10/28/22 00:00**

**Date Received: 10/29/22 12:20**

**Lab Sample ID: 460-268503-6**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 624.1        |     | 1               | 875754       | CJM     | EET EDI | 11/03/22 18:30       |

**Client Sample ID: FB\_(20221028)**

**Date Collected: 10/28/22 00:00**

**Date Received: 10/29/22 12:20**

**Lab Sample ID: 460-268503-7**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 624.1        |     | 1               | 875754       | CJM     | EET EDI | 11/03/22 15:10       |

# Lab Chronicle

Client: ARCADIS U.S. Inc  
Project/Site: Maestri - Geddes, NY

Job ID: 460-268503-1

**Client Sample ID: TB\_(20221028)**

**Lab Sample ID: 460-268503-8**

**Date Collected: 10/28/22 00:00**

**Matrix: Water**

**Date Received: 10/29/22 12:20**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 624.1        |     | 1               | 875754       | CJM     | EET EDI | 11/03/22 15:35       |

## Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

# Accreditation/Certification Summary

Client: ARCADIS U.S. Inc  
Project/Site: Maestri - Geddes, NY

Job ID: 460-268503-1

## Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| New York  | NELAP   | 11452                 | 04-01-23        |

# 624.1\_PREC

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Volatile Organic Compounds (GC/MS)



FORM II  
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-268503-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low  
 GC Column (1): Rtx-624 ID: 0.25 (mm)

| Client Sample ID | Lab Sample ID    | DBFM # | DCA # | TOL # | BFB # |
|------------------|------------------|--------|-------|-------|-------|
| RW-6             | 460-268503-1     | 131    | 95    | 86    | 116   |
| RW-7             | 460-268503-2     | 117    | 87    | 94    | 113   |
| MW-2A            | 460-268503-3     | 118    | 86    | 98    | 112   |
| MW-9             | 460-268503-4     | 123    | 90    | 90    | 103   |
| PZ-21            | 460-268503-5     | 114    | 86    | 96    | 103   |
| BD_(10282022)    | 460-268503-6     | 117    | 85    | 90    | 115   |
| FB_(20221028)    | 460-268503-7     | 125    | 89    | 88    | 111   |
| TB_(20221028)    | 460-268503-8     | 123    | 89    | 92    | 107   |
|                  | MB 460-875754/8  | 117    | 86    | 90    | 110   |
|                  | LCS 460-875754/5 | 114    | 86    | 97    | 116   |
| RW-6 MS          | 460-268503-1 MS  | 116    | 88    | 99    | 119   |
| RW-6 MSD         | 460-268503-1 MSD | 113    | 86    | 98    | 119   |

|                                    |                  |
|------------------------------------|------------------|
|                                    | <u>QC LIMITS</u> |
| DBFM = Dibromofluoromethane (Surr) | 60-140           |
| DCA = 1,2-Dichloroethane-d4 (Surr) | 60-140           |
| TOL = Toluene-d8 (Surr)            | 60-140           |
| BFB = 4-Bromofluorobenzene         | 60-140           |

# Column to be used to flag recovery values

FORM II 624.1

FORM III  
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-268503-1  
SDG No.: \_\_\_\_\_  
Matrix: Water Level: Low Lab File ID: J82194.D  
Lab ID: LCS 460-875754/5 Client ID: \_\_\_\_\_

| COMPOUND            | SPIKE<br>ADDED<br>(ug/L) | LCS<br>CONCENTRATION<br>(ug/L) | LCS<br>%<br>REC | QC<br>LIMITS<br>REC | # |
|---------------------|--------------------------|--------------------------------|-----------------|---------------------|---|
| m-Xylene & p-Xylene | 20.0                     | 17.2                           | 86              | 60-140              |   |
| o-Xylene            | 20.0                     | 16.7                           | 84              | 60-140              |   |
| Xylenes, Total      | 40.0                     | 33.9                           | 85              | 60-140              |   |

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-268503-1  
SDG No.: \_\_\_\_\_  
Matrix: Water Level: Low Lab File ID: J82200.D  
Lab ID: 460-268503-1 MS Client ID: RW-6 MS

| COMPOUND            | SPIKE<br>ADDED<br>(ug/L) | SAMPLE<br>CONCENTRATION<br>(ug/L) | MS<br>CONCENTRATION<br>(ug/L) | MS<br>%<br>REC | QC<br>LIMITS<br>REC | # |
|---------------------|--------------------------|-----------------------------------|-------------------------------|----------------|---------------------|---|
| m-Xylene & p-Xylene | 20.0                     | 4.7                               | 23.7                          | 95             | 60-140              |   |
| o-Xylene            | 20.0                     | 1.0 U                             | 17.2                          | 86             | 60-140              |   |
| Xylenes, Total      | 40.0                     | 4.9                               | 41.0                          | 90             | 60-140              |   |

# Column to be used to flag recovery and RPD values

FORM III  
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-268503-1  
 SDG No.: \_\_\_\_\_  
 Matrix: Water Level: Low Lab File ID: J82201.D  
 Lab ID: 460-268503-1 MSD Client ID: RW-6 MSD

| COMPOUND            | SPIKE<br>ADDED<br>(ug/L) | MSD<br>CONCENTRATION<br>(ug/L) | MSD<br>%<br>REC | %<br>RPD | QC LIMITS |        | # |
|---------------------|--------------------------|--------------------------------|-----------------|----------|-----------|--------|---|
|                     |                          |                                |                 |          | RPD       | REC    |   |
| m-Xylene & p-Xylene | 20.0                     | 24.1                           | 97              | 1        | 50        | 60-140 |   |
| o-Xylene            | 20.0                     | 17.5                           | 88              | 2        | 50        | 60-140 |   |
| Xylenes, Total      | 40.0                     | 41.6                           | 92              | 2        | 50        | 60-140 |   |

# Column to be used to flag recovery and RPD values

FORM IV  
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-268503-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: J82197.D Lab Sample ID: MB 460-875754/8  
 Matrix: Water Heated Purge: (Y/N) N  
 Instrument ID: CVOAMS8 Date Analyzed: 11/03/2022 10:53  
 GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID    | LAB<br>FILE ID | DATE ANALYZED    |
|------------------|------------------|----------------|------------------|
|                  | LCS 460-875754/5 | J82194.D       | 11/03/2022 09:28 |
| RW-6             | 460-268503-1     | J82199.D       | 11/03/2022 11:50 |
| RW-6 MS          | 460-268503-1 MS  | J82200.D       | 11/03/2022 12:15 |
| RW-6 MSD         | 460-268503-1 MSD | J82201.D       | 11/03/2022 12:40 |
| FB_(20221028)    | 460-268503-7     | J82207.D       | 11/03/2022 15:10 |
| TB_(20221028)    | 460-268503-8     | J82208.D       | 11/03/2022 15:35 |
| MW-9             | 460-268503-4     | J82211.D       | 11/03/2022 16:50 |
| PZ-21            | 460-268503-5     | J82212.D       | 11/03/2022 17:15 |
| RW-7             | 460-268503-2     | J82213.D       | 11/03/2022 17:40 |
| MW-2A            | 460-268503-3     | J82214.D       | 11/03/2022 18:05 |
| BD_(10282022)    | 460-268503-6     | J82215.D       | 11/03/2022 18:30 |

FORM V  
GC/MS VOA INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-268503-1  
 SDG No.: \_\_\_\_\_  
 Lab File ID: J81260.D BFB Injection Date: 10/12/2022  
 Instrument ID: CVOAMS8 BFB Injection Time: 22:40  
 Analysis Batch No.: 871602

| M/E | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0 % of mass 95           | 22.8                 |
| 75  | 30.0 - 60.0 % of mass 95           | 48.4                 |
| 95  | Base Peak, 100% relative abundance | 100.0                |
| 96  | 5.0 - 9.0 % of mass 95             | 7.1                  |
| 173 | Less than 2.0 % of mass 174        | 0.3 (0.5) 1          |
| 174 | Greater than 50% of mass 95        | 71.8                 |
| 175 | 5.0 - 9.0 % of mass 174            | 5.6 (7.9) 1          |
| 176 | 95.0 - 101.0 % of mass 174         | 71.0 (98.8) 1        |
| 177 | 5.0 - 9.0 % of mass 176            | 4.5 (6.4) 2          |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT SAMPLE ID | LAB SAMPLE ID       | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|------------------|---------------------|-------------|---------------|---------------|
|                  | STD7 460-871602/3   | J81262.D    | 10/12/2022    | 23:30         |
|                  | STD1 460-871602/4   | J81263.D    | 10/12/2022    | 23:56         |
|                  | STD5 460-871602/5   | J81264.D    | 10/13/2022    | 0:21          |
|                  | STD20 460-871602/6  | J81265.D    | 10/13/2022    | 0:46          |
|                  | STD50 460-871602/7  | J81266.D    | 10/13/2022    | 1:11          |
|                  | STD200 460-871602/8 | J81267.D    | 10/13/2022    | 1:36          |
|                  | STD500 460-871602/9 | J81268.D    | 10/13/2022    | 2:01          |
|                  | ICV 460-871602/16   | J81275.D    | 10/13/2022    | 4:56          |

FORM V  
GC/MS VOA INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-268503-1  
SDG No.: \_\_\_\_\_  
Lab File ID: J82190.D BFB Injection Date: 11/03/2022  
Instrument ID: CVOAMS8 BFB Injection Time: 07:37  
Analysis Batch No.: 875754

| M/E | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0 % of mass 95           | 17.3                 |
| 75  | 30.0 - 60.0 % of mass 95           | 45.0                 |
| 95  | Base Peak, 100% relative abundance | 100.0                |
| 96  | 5.0 - 9.0 % of mass 95             | 6.6                  |
| 173 | Less than 2.0 % of mass 174        | 0.5 (0.6) 1          |
| 174 | Greater than 50% of mass 95        | 94.1                 |
| 175 | 5.0 - 9.0 % of mass 174            | 6.2 (6.6) 1          |
| 176 | 95.0 - 101.0 % of mass 174         | 91.1 (96.8) 1        |
| 177 | 5.0 - 9.0 % of mass 176            | 5.3 (5.8) 2          |

1-Value is % mass 174

2-Value is % mass 176

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

| CLIENT SAMPLE ID | LAB SAMPLE ID      | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|------------------|--------------------|-------------|---------------|---------------|
|                  | CCVIS 460-875754/3 | J82192.D    | 11/03/2022    | 8:29          |
|                  | LCS 460-875754/5   | J82194.D    | 11/03/2022    | 9:28          |
|                  | MB 460-875754/8    | J82197.D    | 11/03/2022    | 10:53         |
| RW-6             | 460-268503-1       | J82199.D    | 11/03/2022    | 11:50         |
| RW-6 MS          | 460-268503-1 MS    | J82200.D    | 11/03/2022    | 12:15         |
| RW-6 MSD         | 460-268503-1 MSD   | J82201.D    | 11/03/2022    | 12:40         |
| FB_(20221028)    | 460-268503-7       | J82207.D    | 11/03/2022    | 15:10         |
| TB_(20221028)    | 460-268503-8       | J82208.D    | 11/03/2022    | 15:35         |
| MW-9             | 460-268503-4       | J82211.D    | 11/03/2022    | 16:50         |
| PZ-21            | 460-268503-5       | J82212.D    | 11/03/2022    | 17:15         |
| RW-7             | 460-268503-2       | J82213.D    | 11/03/2022    | 17:40         |
| MW-2A            | 460-268503-3       | J82214.D    | 11/03/2022    | 18:05         |
| BD_(10282022)    | 460-268503-6       | J82215.D    | 11/03/2022    | 18:30         |

FORM VIII  
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-268503-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: STD20 460-871602/6 Date Analyzed: 10/13/2022 00:46  
 Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm)  
 Lab File ID (Standard): J81265.D Heated Purge: (Y/N) N  
 Calibration ID: 91516

|                               | TBAd9            |        | BUT    |        | FB     |        |      |
|-------------------------------|------------------|--------|--------|--------|--------|--------|------|
|                               | AREA #           | RT #   | AREA # | RT #   | AREA # | RT #   |      |
| INITIAL CALIBRATION MID-POINT | 181731           | 2.41   | 285282 | 3.32   | 460431 | 4.35   |      |
| UPPER LIMIT                   | 363462           | 2.91   | 570564 | 3.82   | 920862 | 4.85   |      |
| LOWER LIMIT                   | 90866            | 1.91   | 142641 | 2.82   | 230216 | 3.85   |      |
| LAB SAMPLE ID                 | CLIENT SAMPLE ID |        |        |        |        |        |      |
| ICV 460-871602/16             |                  | 183376 | 2.41   | 290133 | 3.33   | 453232 | 4.35 |

TBA<sub>d</sub>9 = TBA-d<sub>9</sub> (IS)  
 BUT = 2-Butanone-d<sub>5</sub>  
 FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits



FORM VIII  
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-268503-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: STD20 460-871602/6 Date Analyzed: 10/13/2022 00:46  
 Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm)  
 Lab File ID (Standard): J81265.D Heated Purge: (Y/N) N  
 Calibration ID: 91516

|                               | DXE              |       | CBNZd5 |        | DCBd4  |              |
|-------------------------------|------------------|-------|--------|--------|--------|--------------|
|                               | AREA #           | RT #  | AREA # | RT #   | AREA # | RT #         |
| INITIAL CALIBRATION MID-POINT | 23858            | 5.06  | 344187 | 8.01   | 189292 | 10.39        |
| UPPER LIMIT                   | 47716            | 5.56  | 688374 | 8.51   | 378584 | 10.89        |
| LOWER LIMIT                   | 11929            | 4.56  | 172094 | 7.51   | 94646  | 9.89         |
| LAB SAMPLE ID                 | CLIENT SAMPLE ID |       |        |        |        |              |
| ICV 460-871602/16             |                  | 22507 | 5.06   | 324862 | 8.02   | 180160 10.39 |

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit =  $\pm$  0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII  
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-268503-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-875754/3 Date Analyzed: 11/03/2022 08:29  
 Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm)  
 Lab File ID (Standard): J82192.D Heated Purge: (Y/N) N  
 Calibration ID: 91516

|                  | TBAd9            |        | BUT    |        | FB     |        |      |
|------------------|------------------|--------|--------|--------|--------|--------|------|
|                  | AREA #           | RT #   | AREA # | RT #   | AREA # | RT #   |      |
| 12/24 HOUR STD   | 150637           | 2.40   | 186523 | 3.32   | 469380 | 4.33   |      |
| UPPER LIMIT      | 301274           | 2.90   | 373046 | 3.82   | 938760 | 4.83   |      |
| LOWER LIMIT      | 75319            | 1.90   | 93262  | 2.82   | 234690 | 3.83   |      |
| LAB SAMPLE ID    | CLIENT SAMPLE ID |        |        |        |        |        |      |
| LCS 460-875754/5 |                  | 136061 | 2.40   | 176579 | 3.31   | 479687 | 4.33 |
| MB 460-875754/8  |                  | 121739 | 2.40   | 152854 | 3.31   | 446264 | 4.33 |
| 460-268503-1     | RW-6             | 106769 | 2.40   | 125442 | 3.31   | 380559 | 4.33 |
| 460-268503-1 MS  | RW-6 MS          | 127026 | 2.40   | 160860 | 3.31   | 446417 | 4.33 |
| 460-268503-1 MSD | RW-6 MSD         | 140710 | 2.40   | 175894 | 3.31   | 479127 | 4.33 |
| 460-268503-7     | FB_(20221028)    | 110848 | 2.40   | 138622 | 3.32   | 423506 | 4.33 |
| 460-268503-8     | TB_(20221028)    | 121334 | 2.40   | 149976 | 3.31   | 432274 | 4.33 |
| 460-268503-4     | MW-9             | 127412 | 2.40   | 154598 | 3.31   | 424798 | 4.33 |
| 460-268503-5     | PZ-21            | 134188 | 2.40   | 162140 | 3.31   | 473261 | 4.33 |
| 460-268503-2     | RW-7             | 126003 | 2.40   | 159187 | 3.31   | 453744 | 4.33 |
| 460-268503-3     | MW-2A            | 126783 | 2.40   | 161335 | 3.31   | 452727 | 4.33 |
| 460-268503-6     | BD_(10282022)    | 126387 | 2.40   | 151585 | 3.31   | 452698 | 4.33 |

TBAd9 = TBA-d9 (IS)  
 BUT = 2-Butanone-d5  
 FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area  
 RT Limit =  $\pm$  0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII  
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-268503-1  
 SDG No.: \_\_\_\_\_  
 Sample No.: CCVIS 460-875754/3 Date Analyzed: 11/03/2022 08:29  
 Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm)  
 Lab File ID (Standard): J82192.D Heated Purge: (Y/N) N  
 Calibration ID: 91516

|                  |                  | DXE    |      | CBNZd5 |      | DCBd4  |       |
|------------------|------------------|--------|------|--------|------|--------|-------|
|                  |                  | AREA # | RT # | AREA # | RT # | AREA # | RT #  |
| 12/24 HOUR STD   |                  | 31040  | 5.04 | 459118 | 7.99 | 298524 | 10.37 |
| UPPER LIMIT      |                  | 62080  | 5.54 | 918236 | 8.49 | 597048 | 10.87 |
| LOWER LIMIT      |                  | 15520  | 4.54 | 229559 | 7.49 | 149262 | 9.87  |
| LAB SAMPLE ID    | CLIENT SAMPLE ID |        |      |        |      |        |       |
| LCS 460-875754/5 |                  | 30790  | 5.04 | 454658 | 7.99 | 292839 | 10.37 |
| MB 460-875754/8  |                  | 25536  | 5.04 | 413500 | 7.99 | 246116 | 10.37 |
| 460-268503-1     | RW-6             | 23094  | 5.04 | 386619 | 8.00 | 245829 | 10.37 |
| 460-268503-1 MS  | RW-6 MS          | 27974  | 5.04 | 438814 | 7.99 | 291589 | 10.37 |
| 460-268503-1 MSD | RW-6 MSD         | 30815  | 5.04 | 454847 | 8.00 | 300191 | 10.37 |
| 460-268503-7     | FB_(20221028)    | 21571  | 5.04 | 384810 | 8.00 | 239032 | 10.37 |
| 460-268503-8     | TB_(20221028)    | 23920  | 5.04 | 393270 | 8.00 | 233246 | 10.38 |
| 460-268503-4     | MW-9             | 21829  | 5.04 | 404720 | 8.00 | 238236 | 10.38 |
| 460-268503-5     | PZ-21            | 23194  | 5.04 | 398108 | 8.00 | 236740 | 10.37 |
| 460-268503-2     | RW-7             | 21245  | 5.04 | 395793 | 8.00 | 248485 | 10.37 |
| 460-268503-3     | MW-2A            | 21454  | 5.04 | 400901 | 8.00 | 243247 | 10.38 |
| 460-268503-6     | BD_(10282022)    | 24008  | 5.04 | 391611 | 7.99 | 247354 | 10.37 |

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit =  $\pm$  0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

|                                   |                                                |
|-----------------------------------|------------------------------------------------|
| Lab Name: <u>Eurofins Edison</u>  | Job No.: <u>460-268503-1</u>                   |
| SDG No.: _____                    |                                                |
| Client Sample ID: <u>RW-6</u>     | Lab Sample ID: <u>460-268503-1</u>             |
| Matrix: <u>Water</u>              | Lab File ID: <u>J82199.D</u>                   |
| Analysis Method: <u>624.1</u>     | Date Collected: <u>10/28/2022 13:40</u>        |
| Sample wt/vol: <u>5 (mL)</u>      | Date Analyzed: <u>11/03/2022 11:50</u>         |
| Soil Aliquot Vol: _____           | Dilution Factor: <u>1</u>                      |
| Soil Extract Vol.: _____          | GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u> |
| Purge Volume: <u>5.0 (mL)</u>     | Heated Purge: (Y/N) <u>N</u> pH: _____         |
| % Moisture: _____ % Solids: _____ | Level: (low/med) <u>Low</u>                    |
| Analysis Batch No.: <u>875754</u> | Units: <u>ug/L</u>                             |

| CAS NO.   | COMPOUND NAME  | RESULT | Q | RL  | MDL  |
|-----------|----------------|--------|---|-----|------|
| 1330-20-7 | Xylenes, Total | 4.9    |   | 2.0 | 0.65 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 460-00-4   | 4-Bromofluorobenzene         | 116  |   | 60-140 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 131  |   | 60-140 |
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 95   |   | 60-140 |
| 2037-26-5  | Toluene-d8 (Surr)            | 86   |   | 60-140 |

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82199.D  
 Lims ID: 460-268503-B-1  
 Client ID: RW-6  
 Sample Type: Client  
 Inject. Date: 03-Nov-2022 11:50:30 ALS Bottle#: 9 Worklist Smp#: 10  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-268503-B-1  
 Misc. Info.: 460-0152676-010  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 07-Nov-2022 08:35:46 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1: Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1678

First Level Reviewer: KG2Q

Date: 03-Nov-2022 12:13:39

| Compound                           | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | OnCol Amt<br>ug/l | Flags |
|------------------------------------|-----|--------------|------------------|------------------|----|----------|-------------------|-------|
| * 30 TBA-d9 (IS)                   | 65  | 2.399        | 2.402            | -0.003           | 75 | 106769   | 1000.0            |       |
| * 43 2-Butanone-d5                 | 46  | 3.312        | 3.315            | -0.003           | 88 | 125442   | 250.0             |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.738        | 3.740            | -0.002           | 96 | 108688   | 65.7              |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.072        | 4.069            | 0.003            | 0  | 108223   | 47.6              |       |
| * 66 Fluorobenzene                 | 96  | 4.328        | 4.331            | -0.003           | 98 | 380559   | 50.0              |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.039        | 5.036            | 0.003            | 0  | 23094    | 1000.0            |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.043        | 6.040            | 0.003            | 99 | 355799   | 43.0              |       |
| * 94 Chlorobenzene-d5              | 117 | 7.996        | 7.993            | 0.003            | 85 | 386619   | 50.0              |       |
| 98 m-Xylene & p-Xylene             | 106 | 8.294        | 8.291            | 0.003            | 0  | 20864    | 4.71              |       |
| 99 o-Xylene                        | 106 | 8.732        | 8.741            | -0.009           | 93 | 865      | 0.1942            | 7M    |
| \$ 105 4-Bromofluorobenzene        | 174 | 9.322        | 9.319            | 0.003            | 97 | 159263   | 58.0              |       |
| * 121 1,4-Dichlorobenzene-d4       | 152 | 10.369       | 10.371           | -0.002           | 95 | 245829   | 50.0              |       |
| S 137 Xylenes, Total               | 100 |              |                  |                  | 0  |          | 4.90              |       |
| S 138 Total BTEX                   | 1   |              |                  |                  | 0  |          | 4.90              |       |

**QC Flag Legend**

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

**Reagents:**

|                   |                    |           |             |
|-------------------|--------------------|-----------|-------------|
| 8260ISNEW_00171   | Amount Added: 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00233 | Amount Added: 1.00 | Units: uL | Run Reagent |

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82199.D

Injection Date: 03-Nov-2022 11:50:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-268503-B-1

Lab Sample ID: 460-268503-1

Worklist Smp#: 10

Client ID: RW-6

Purge Vol: 5.000 mL

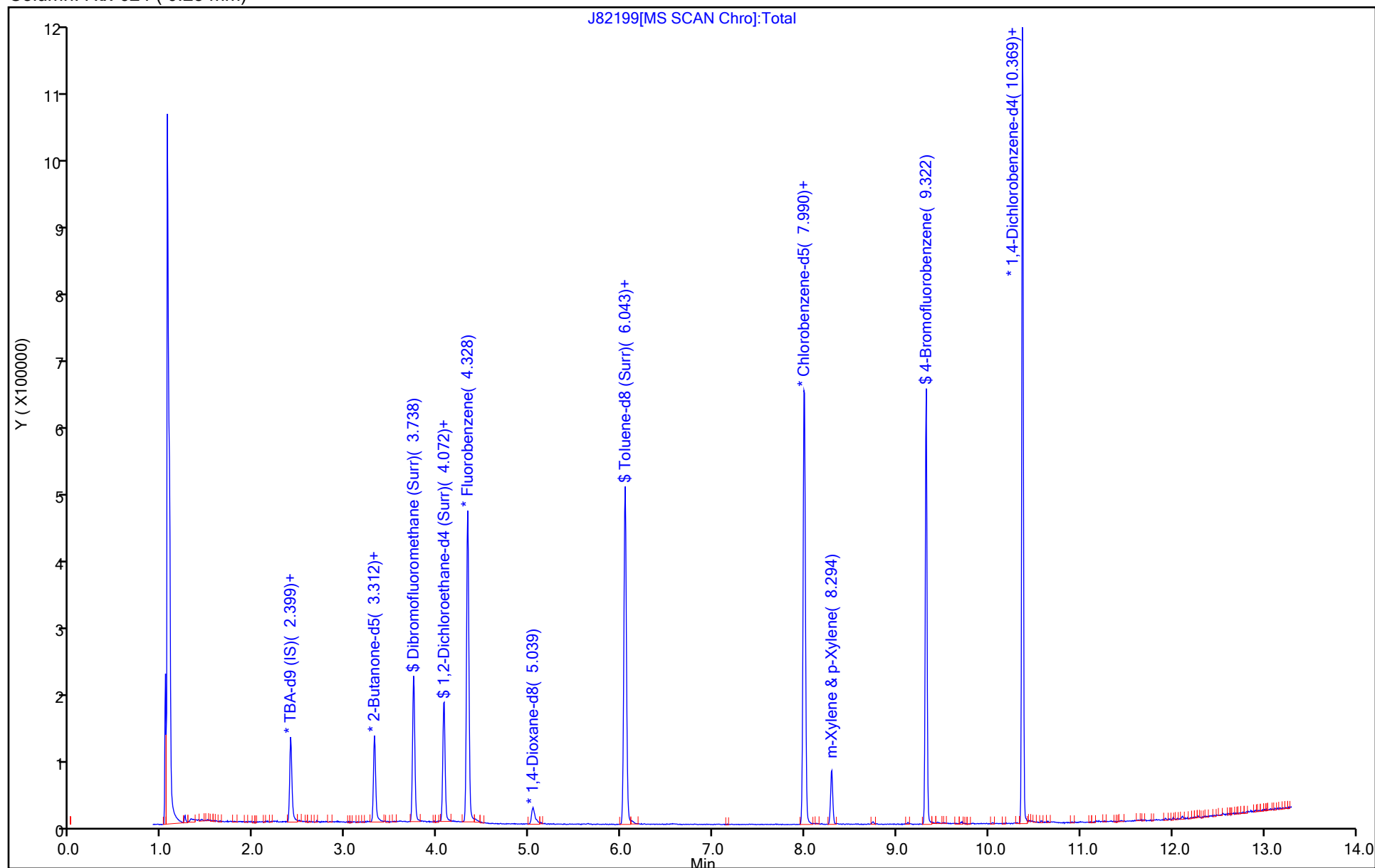
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison  
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82199.D  
 Lims ID: 460-268503-B-1  
 Client ID: RW-6  
 Sample Type: Client  
 Inject. Date: 03-Nov-2022 11:50:30 ALS Bottle#: 9 Worklist Smp#: 10  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-268503-B-1  
 Misc. Info.: 460-0152676-010  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 07-Nov-2022 08:35:46 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1678

First Level Reviewer: KG2Q

Date: 03-Nov-2022 12:13:39

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 55 Dibromofluoromethane (Surr)  | 50.0         | 65.7             | 131.37 |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 50.0         | 47.6             | 95.12  |
| \$ 83 Toluene-d8 (Surr)            | 50.0         | 43.0             | 86.04  |
| \$ 105 4-Bromofluorobenzene        | 50.0         | 58.0             | 116.05 |

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82199.D

Injection Date: 03-Nov-2022 11:50:30

Instrument ID: CVOAMS8

Lims ID: 460-268503-B-1

Lab Sample ID: 460-268503-1

Client ID: RW-6

Operator ID:

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

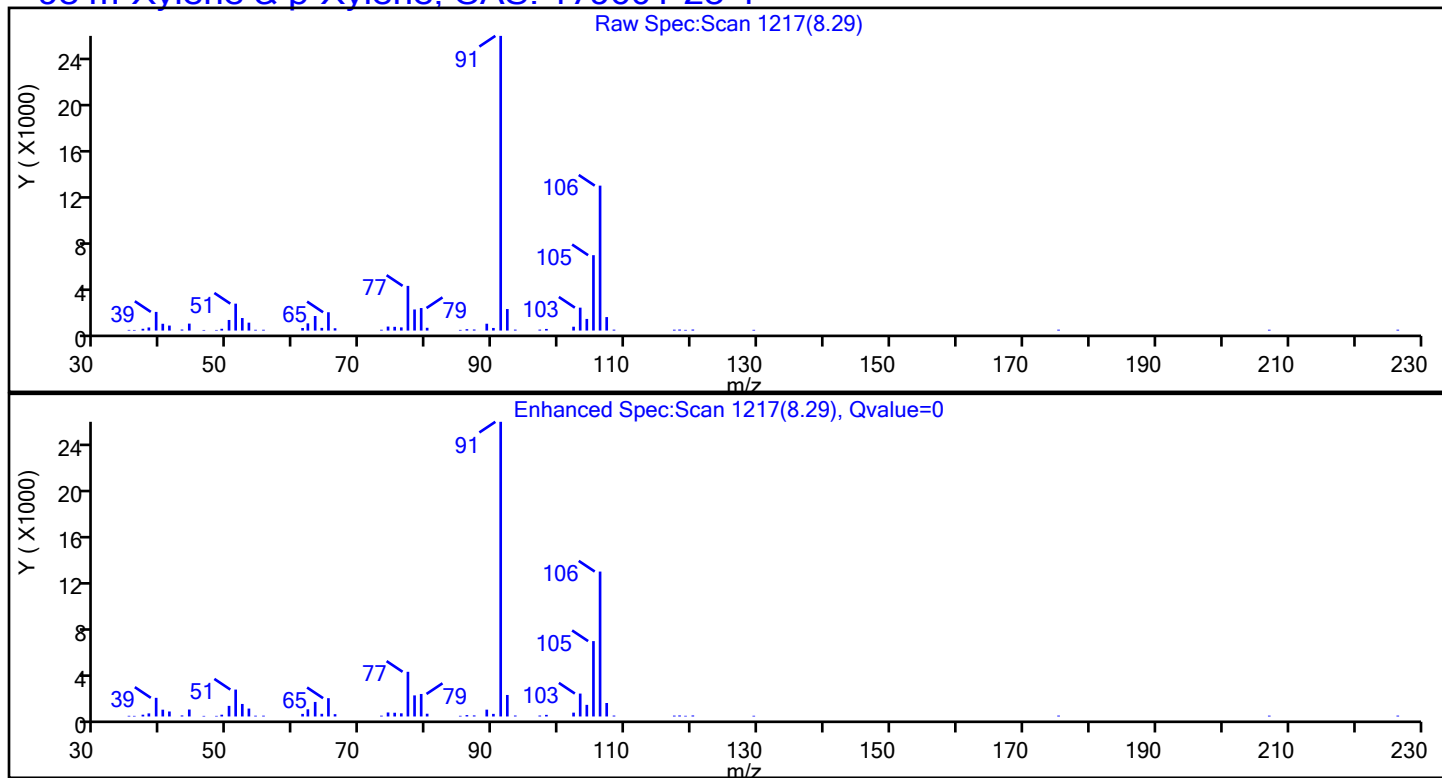
Dil. Factor: 1.0000

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

**98 m-Xylene & p-Xylene, CAS: 179601-23-1**



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82199.D

Injection Date: 03-Nov-2022 11:50:30

Instrument ID: CVOAMS8

Lims ID: 460-268503-B-1

Lab Sample ID: 460-268503-1

Client ID: RW-6

Operator ID:

ALS Bottle#:

Worklist Smp#: 10

Purge Vol: 5.000 mL

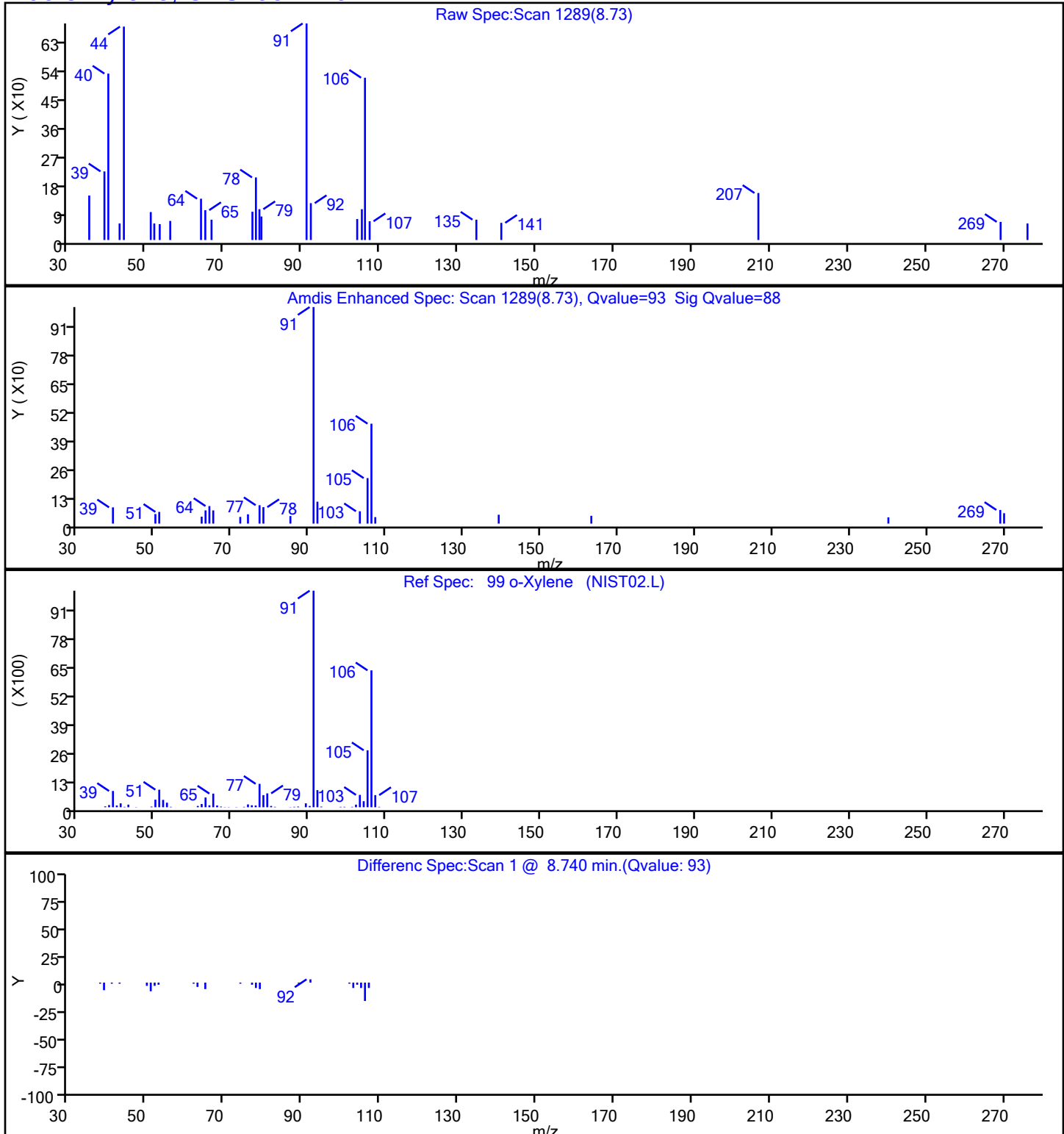
Dil. Factor: 1.0000

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

**99 o-Xylene, CAS: 95-47-6**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82199.D

Injection Date: 03-Nov-2022 11:50:30

Instrument ID: CVOAMS8

Lims ID: 460-268503-B-1

Lab Sample ID: 460-268503-1

Client ID: RW-6

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

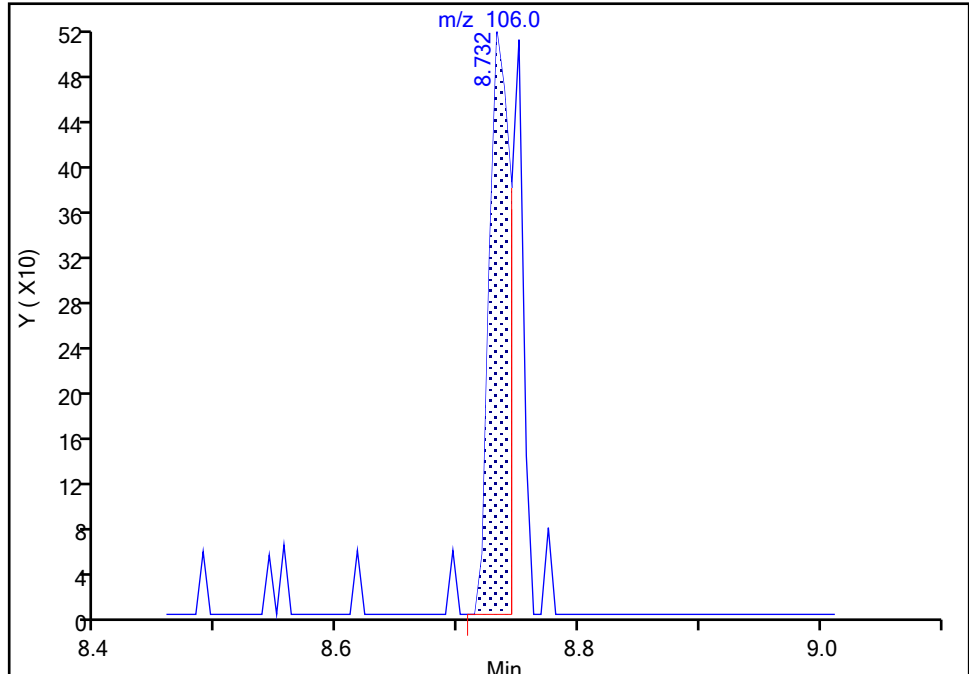
Detector: MS SCAN

**99 o-Xylene, CAS: 95-47-6**

Signal: 1

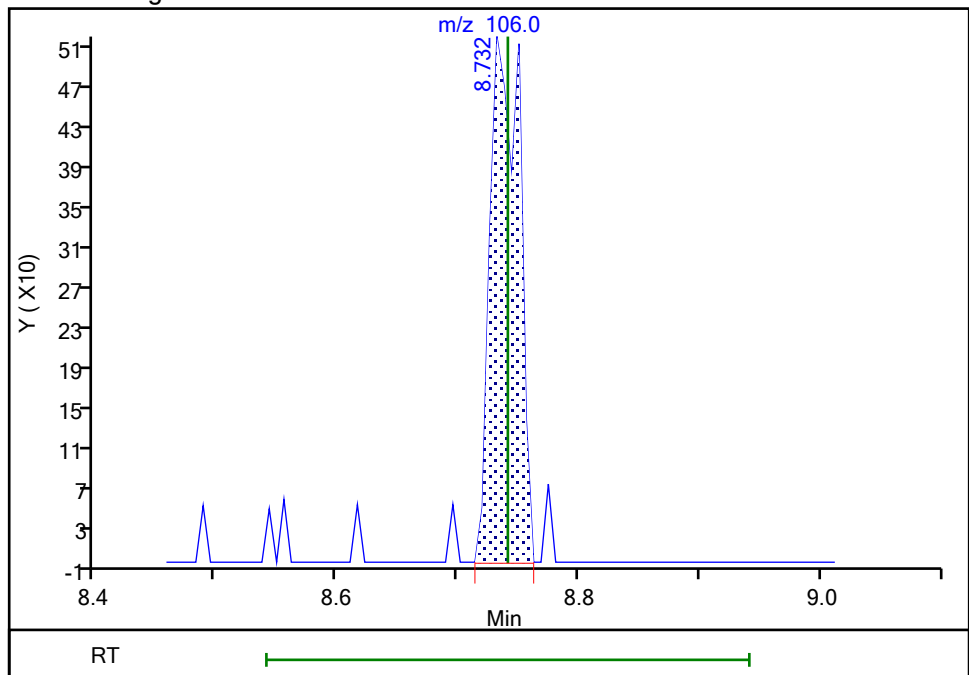
RT: 8.73  
Area: 627  
Amount: 0.140780  
Amount Units: ug/l

## Processing Integration Results



RT: 8.73  
Area: 865  
Amount: 0.194218  
Amount Units: ug/l

## Manual Integration Results



Reviewer: NN6A, 07-Nov-2022 08:35:39

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

|                                   |                                                |
|-----------------------------------|------------------------------------------------|
| Lab Name: <u>Eurofins Edison</u>  | Job No.: <u>460-268503-1</u>                   |
| SDG No.: _____                    |                                                |
| Client Sample ID: <u>RW-7</u>     | Lab Sample ID: <u>460-268503-2</u>             |
| Matrix: <u>Water</u>              | Lab File ID: <u>J82213.D</u>                   |
| Analysis Method: <u>624.1</u>     | Date Collected: <u>10/28/2022 12:10</u>        |
| Sample wt/vol: <u>5 (mL)</u>      | Date Analyzed: <u>11/03/2022 17:40</u>         |
| Soil Aliquot Vol: _____           | Dilution Factor: <u>1</u>                      |
| Soil Extract Vol.: _____          | GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u> |
| Purge Volume: <u>5.0 (mL)</u>     | Heated Purge: (Y/N) <u>N</u> pH: <u>7.0</u>    |
| % Moisture: _____ % Solids: _____ | Level: (low/med) <u>Low</u>                    |
| Analysis Batch No.: <u>875754</u> | Units: <u>ug/L</u>                             |

| CAS NO.   | COMPOUND NAME  | RESULT | Q | RL  | MDL  |
|-----------|----------------|--------|---|-----|------|
| 1330-20-7 | Xylenes, Total | 14     |   | 2.0 | 0.65 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 460-00-4   | 4-Bromofluorobenzene         | 113  |   | 60-140 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 117  |   | 60-140 |
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 87   |   | 60-140 |
| 2037-26-5  | Toluene-d8 (Surr)            | 94   |   | 60-140 |

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82213.D  
 Lims ID: 460-268503-B-2  
 Client ID: RW-7  
 Sample Type: Client  
 Inject. Date: 03-Nov-2022 17:40:30 ALS Bottle#: 23 Worklist Smp#: 24  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-268503-B-2  
 Misc. Info.: 460-0152676-024  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1: Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1619

First Level Reviewer: HVW2

Date: 03-Nov-2022 19:11:21

| Compound                           | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | OnCol Amt<br>ug/l | Flags |
|------------------------------------|-----|--------------|------------------|------------------|----|----------|-------------------|-------|
| * 30 TBA-d9 (IS)                   | 65  | 2.402        | 2.402            | 0.000            | 75 | 126003   | 1000.0            |       |
| * 43 2-Butanone-d5                 | 46  | 3.314        | 3.315            | -0.001           | 88 | 159187   | 250.0             |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.740        | 3.740            | 0.000            | 97 | 115288   | 58.4              |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.069        | 4.069            | 0.000            | 0  | 117370   | 43.3              |       |
| * 66 Fluorobenzene                 | 96  | 4.330        | 4.331            | -0.001           | 99 | 453744   | 50.0              |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.036        | 5.036            | 0.000            | 0  | 21245    | 1000.0            |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.046        | 6.040            | 0.006            | 99 | 398401   | 47.1              |       |
| * 94 Chlorobenzene-d5              | 117 | 7.999        | 7.993            | 0.006            | 85 | 395793   | 50.0              |       |
| 98 m-Xylene & p-Xylene             | 106 | 8.291        | 8.291            | 0.000            | 0  | 38143    | 8.41              |       |
| 99 o-Xylene                        | 106 | 8.741        | 8.741            | 0.000            | 94 | 27733    | 6.08              |       |
| \$ 105 4-Bromofluorobenzene        | 174 | 9.325        | 9.319            | 0.006            | 97 | 158637   | 56.5              |       |
| * 121 1,4-Dichlorobenzene-d4       | 152 | 10.371       | 10.371           | 0.000            | 95 | 248485   | 50.0              |       |
| S 137 Xylenes, Total               | 100 |              |                  |                  | 0  |          | 14.5              |       |

## QC Flag Legend

Processing Flags

## Reagents:

|                   |                    |           |             |
|-------------------|--------------------|-----------|-------------|
| 8260ISNEW_00171   | Amount Added: 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00233 | Amount Added: 1.00 | Units: uL | Run Reagent |

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82213.D

Injection Date: 03-Nov-2022 17:40:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-268503-B-2

Lab Sample ID: 460-268503-2

Worklist Smp#: 24

Client ID: RW-7

Purge Vol: 5.000 mL

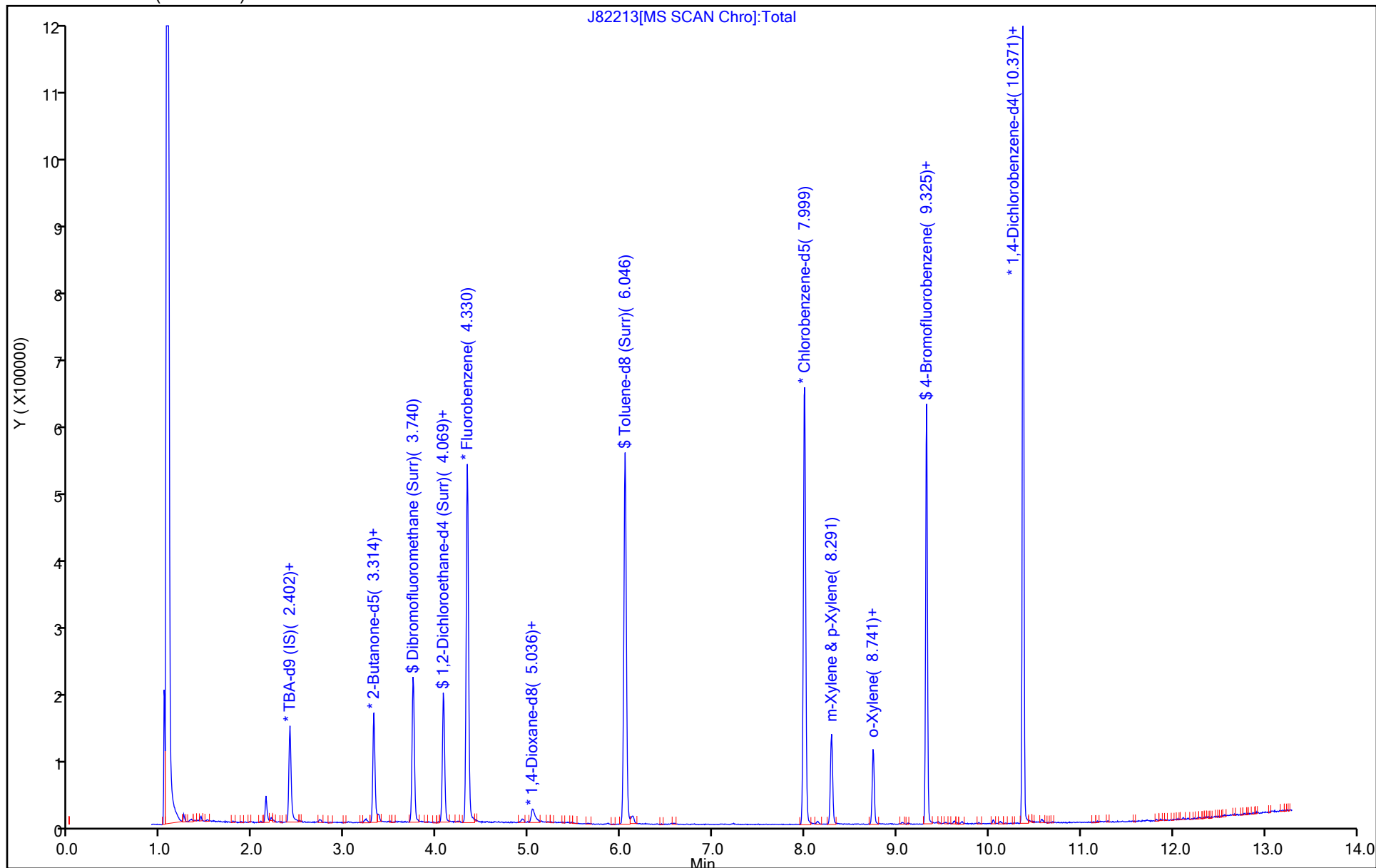
Dil. Factor: 1.0000

ALS Bottle#: 23

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins Edison  
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82213.D  
 Lims ID: 460-268503-B-2  
 Client ID: RW-7  
 Sample Type: Client  
 Inject. Date: 03-Nov-2022 17:40:30 ALS Bottle#: 23 Worklist Smp#: 24  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-268503-B-2  
 Misc. Info.: 460-0152676-024  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1619

First Level Reviewer: HVW2

Date: 03-Nov-2022 19:11:21

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 55 Dibromofluoromethane (Surr)  | 50.0         | 58.4             | 116.87 |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 50.0         | 43.3             | 86.53  |
| \$ 83 Toluene-d8 (Surr)            | 50.0         | 47.1             | 94.10  |
| \$ 105 4-Bromofluorobenzene        | 50.0         | 56.5             | 112.92 |

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82213.D

Injection Date: 03-Nov-2022 17:40:30

Instrument ID: CVOAMS8

Lims ID: 460-268503-B-2

Lab Sample ID: 460-268503-2

Client ID: RW-7

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 5.000 mL

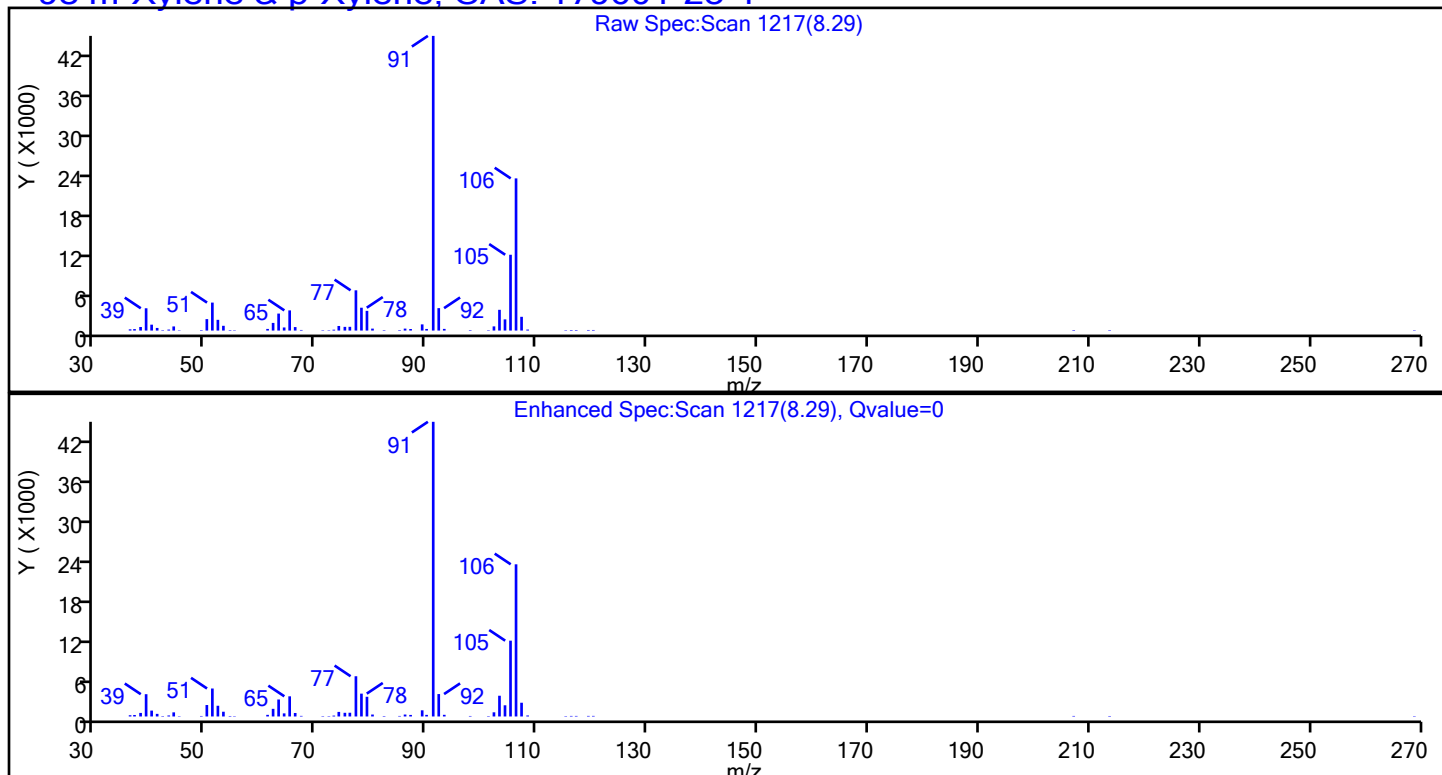
Dil. Factor: 1.0000

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

**98 m-Xylene & p-Xylene, CAS: 179601-23-1**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82213.D

Injection Date: 03-Nov-2022 17:40:30

Instrument ID: CVOAMS8

Lims ID: 460-268503-B-2

Lab Sample ID: 460-268503-2

Client ID: RW-7

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

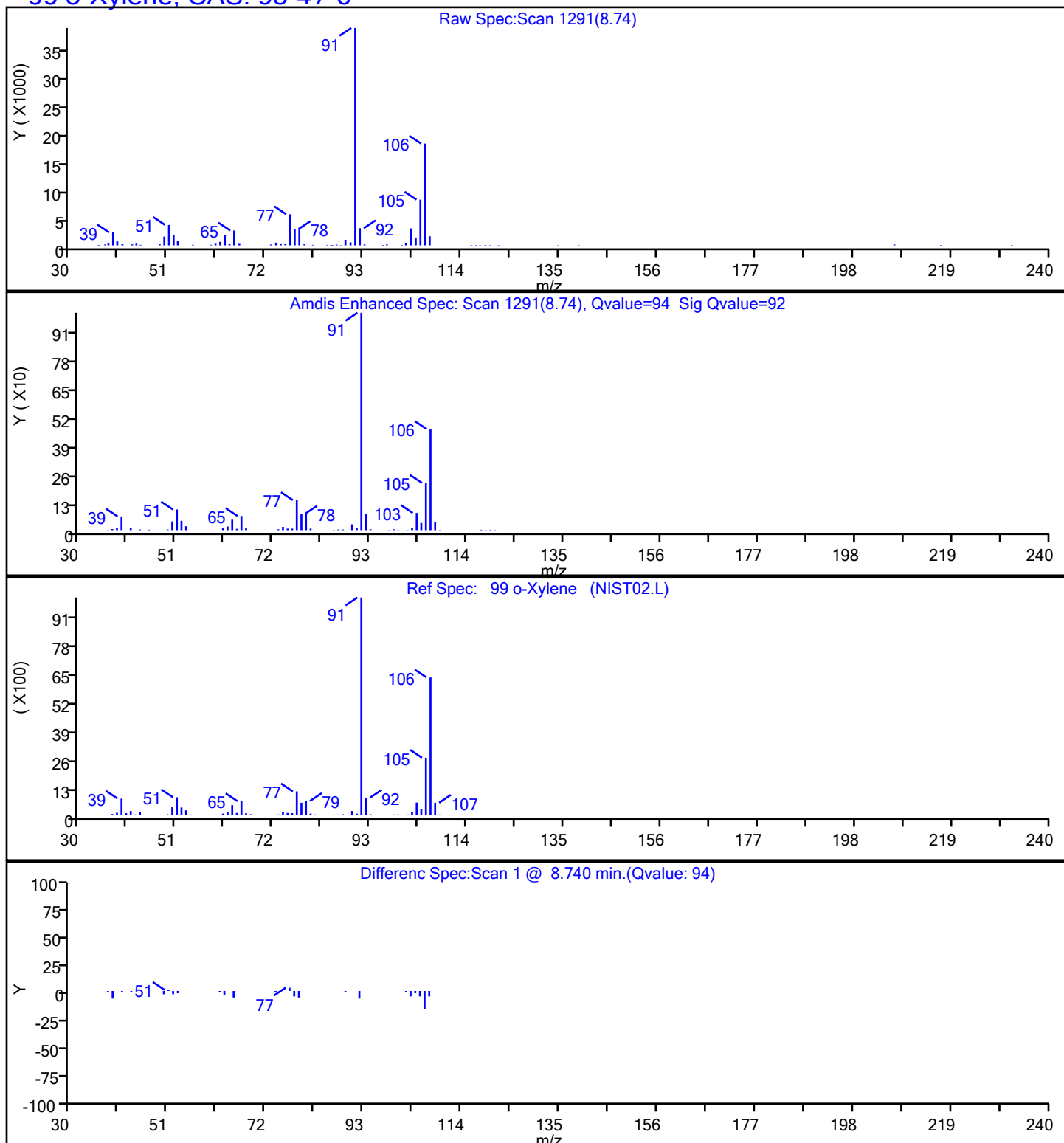
Dil. Factor: 1.0000

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

**99 o-Xylene, CAS: 95-47-6**



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

|                                   |                                                |
|-----------------------------------|------------------------------------------------|
| Lab Name: <u>Eurofins Edison</u>  | Job No.: <u>460-268503-1</u>                   |
| SDG No.: _____                    |                                                |
| Client Sample ID: <u>MW-2A</u>    | Lab Sample ID: <u>460-268503-3</u>             |
| Matrix: <u>Water</u>              | Lab File ID: <u>J82214.D</u>                   |
| Analysis Method: <u>624.1</u>     | Date Collected: <u>10/28/2022 11:15</u>        |
| Sample wt/vol: <u>5 (mL)</u>      | Date Analyzed: <u>11/03/2022 18:05</u>         |
| Soil Aliquot Vol: _____           | Dilution Factor: <u>1</u>                      |
| Soil Extract Vol.: _____          | GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u> |
| Purge Volume: <u>5.0 (mL)</u>     | Heated Purge: (Y/N) <u>N</u> pH: _____         |
| % Moisture: _____ % Solids: _____ | Level: (low/med) <u>Low</u>                    |
| Analysis Batch No.: <u>875754</u> | Units: <u>ug/L</u>                             |

| CAS NO.   | COMPOUND NAME  | RESULT | Q | RL  | MDL  |
|-----------|----------------|--------|---|-----|------|
| 1330-20-7 | Xylenes, Total | 120    |   | 2.0 | 0.65 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 460-00-4   | 4-Bromofluorobenzene         | 112  |   | 60-140 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 118  |   | 60-140 |
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 86   |   | 60-140 |
| 2037-26-5  | Toluene-d8 (Surr)            | 98   |   | 60-140 |

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82214.D  
 Lims ID: 460-268503-B-3  
 Client ID: MW-2A  
 Sample Type: Client  
 Inject. Date: 03-Nov-2022 18:05:30 ALS Bottle#: 24 Worklist Smp#: 25  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-268503-B-3  
 Misc. Info.: 460-0152676-025  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1: Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1619

First Level Reviewer: HVW2

Date: 03-Nov-2022 19:11:31

| Compound                           | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | OnCol Amt<br>ug/l | Flags |
|------------------------------------|-----|--------------|------------------|------------------|----|----------|-------------------|-------|
| * 30 TBA-d9 (IS)                   | 65  | 2.401        | 2.402            | -0.001           | 75 | 126783   | 1000.0            |       |
| * 43 2-Butanone-d5                 | 46  | 3.314        | 3.315            | -0.001           | 88 | 161335   | 250.0             |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.740        | 3.740            | 0.000            | 97 | 116342   | 59.1              |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.068        | 4.069            | -0.001           | 0  | 116746   | 43.1              |       |
| * 66 Fluorobenzene                 | 96  | 4.330        | 4.331            | -0.001           | 99 | 452727   | 50.0              |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.042        | 5.036            | 0.006            | 0  | 21454    | 1000.0            |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.045        | 6.040            | 0.005            | 99 | 418229   | 48.8              |       |
| * 94 Chlorobenzene-d5              | 117 | 7.998        | 7.993            | 0.005            | 84 | 400901   | 50.0              |       |
| 98 m-Xylene & p-Xylene             | 106 | 8.296        | 8.291            | 0.005            | 0  | 551960   | 120.2             |       |
| 99 o-Xylene                        | 106 | 8.746        | 8.741            | 0.005            | 95 | 1865     | 0.4038            |       |
| \$ 105 4-Bromofluorobenzene        | 174 | 9.324        | 9.319            | 0.005            | 95 | 159290   | 56.0              |       |
| * 121 1,4-Dichlorobenzene-d4       | 152 | 10.377       | 10.371           | 0.006            | 94 | 243247   | 50.0              |       |
| S 137 Xylenes, Total               | 100 |              |                  |                  | 0  |          | 120.6             |       |

## QC Flag Legend

Processing Flags

## Reagents:

|                   |                    |           |             |
|-------------------|--------------------|-----------|-------------|
| 8260ISNEW_00171   | Amount Added: 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00233 | Amount Added: 1.00 | Units: uL | Run Reagent |

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82214.D

Injection Date: 03-Nov-2022 18:05:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-268503-B-3

Lab Sample ID: 460-268503-3

Worklist Smp#: 25

Client ID: MW-2A

Purge Vol: 5.000 mL

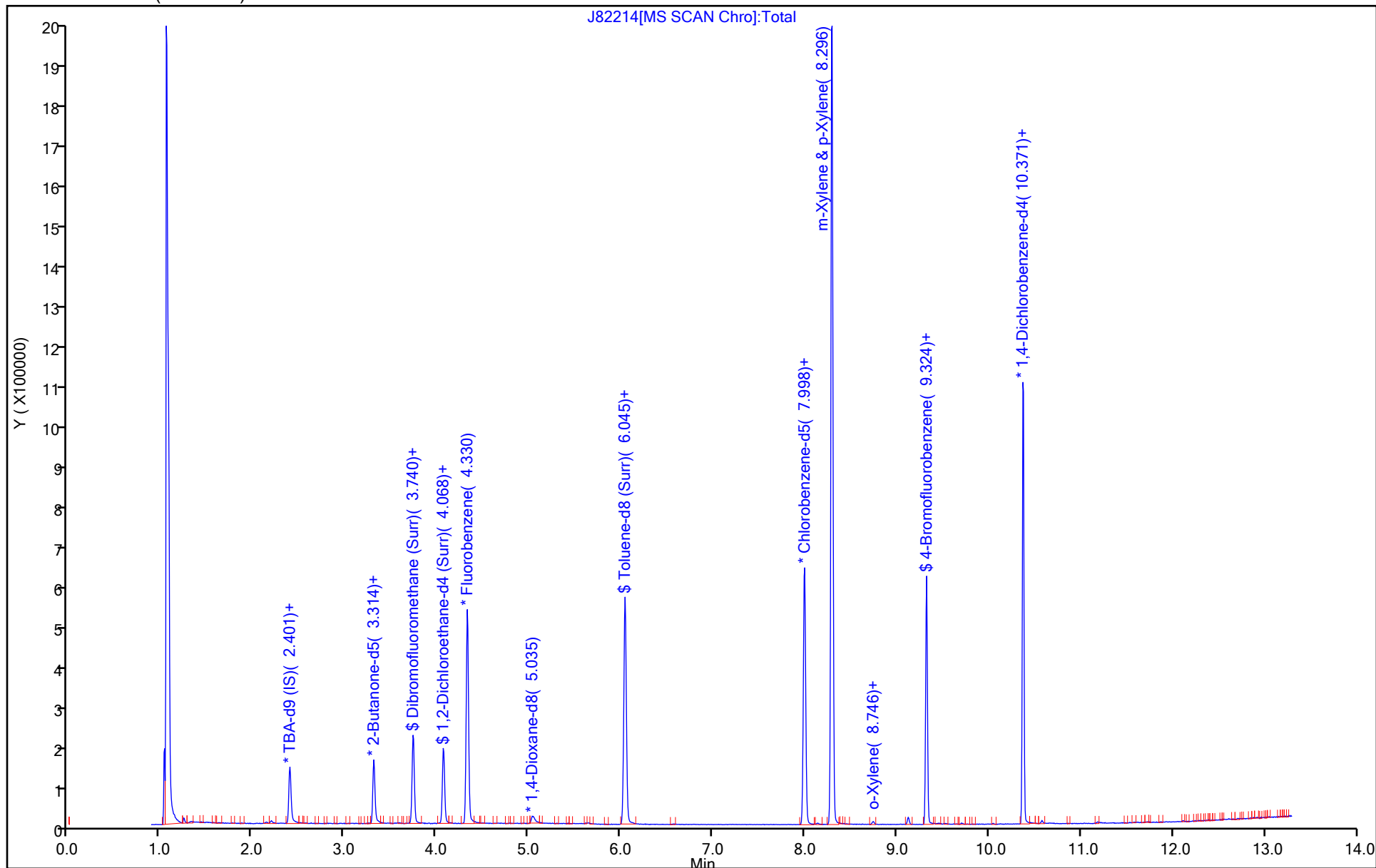
Dil. Factor: 1.0000

ALS Bottle#: 24

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison  
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82214.D  
Lims ID: 460-268503-B-3  
Client ID: MW-2A  
Sample Type: Client  
Inject. Date: 03-Nov-2022 18:05:30 ALS Bottle#: 24 Worklist Smp#: 25  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Sample Info: 460-268503-B-3  
Misc. Info.: 460-0152676-025  
Operator ID: Instrument ID: CVOAMS8  
Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
Limit Group: VOA 624.1 ICAL  
Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
Process Host: CTX1619

First Level Reviewer: HVW2

Date: 03-Nov-2022 19:11:31

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 55 Dibromofluoromethane (Surr)  | 50.0         | 59.1             | 118.20 |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 50.0         | 43.1             | 86.26  |
| \$ 83 Toluene-d8 (Surr)            | 50.0         | 48.8             | 97.53  |
| \$ 105 4-Bromofluorobenzene        | 50.0         | 56.0             | 111.94 |

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82214.D

Injection Date: 03-Nov-2022 18:05:30

Instrument ID: CVOAMS8

Lims ID: 460-268503-B-3

Lab Sample ID: 460-268503-3

Client ID: MW-2A

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 25

Purge Vol: 5.000 mL

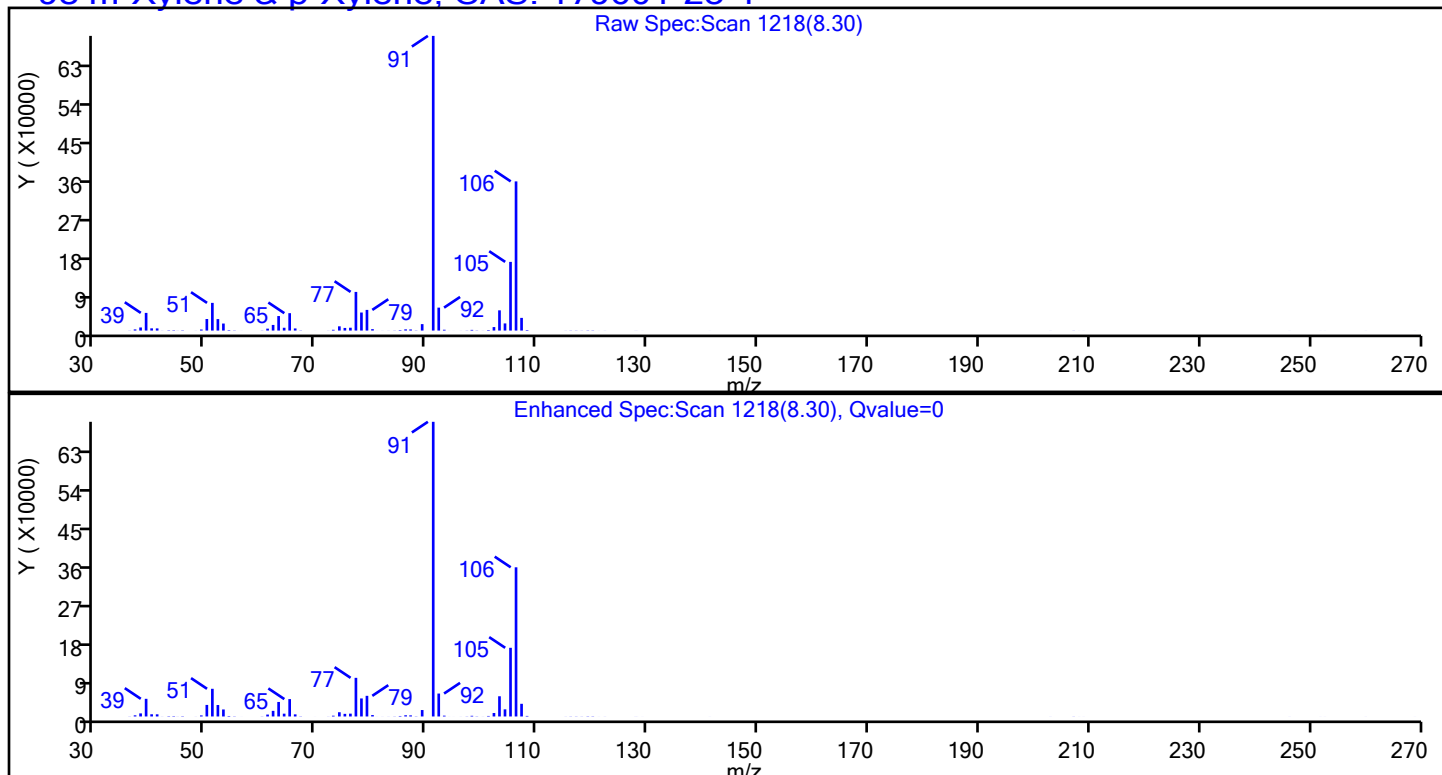
Dil. Factor: 1.0000

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

**98 m-Xylene & p-Xylene, CAS: 179601-23-1**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82214.D

Injection Date: 03-Nov-2022 18:05:30

Instrument ID: CVOAMS8

Lims ID: 460-268503-B-3

Lab Sample ID: 460-268503-3

Client ID: MW-2A

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 25

Purge Vol: 5.000 mL

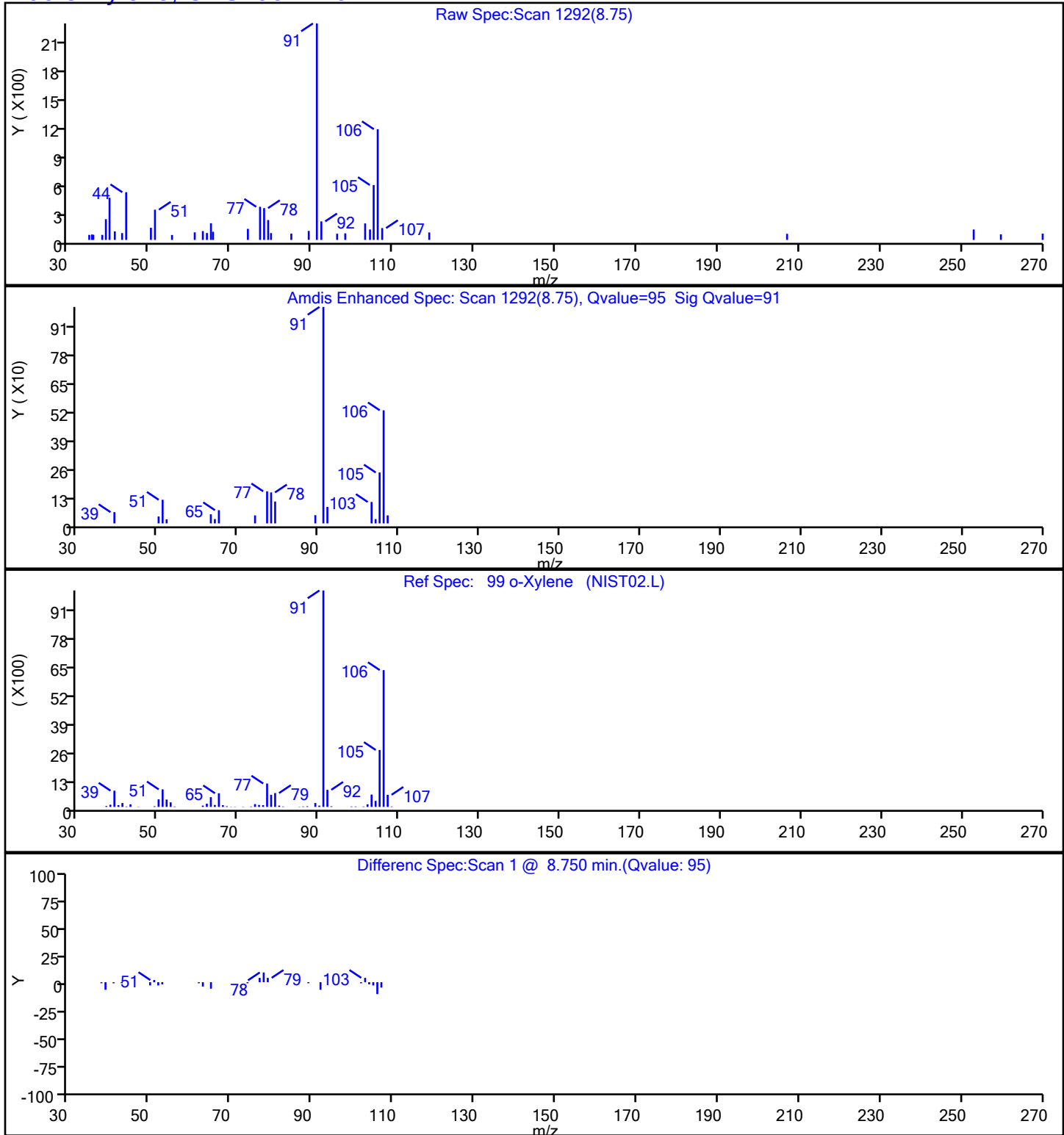
Dil. Factor: 1.0000

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

**99 o-Xylene, CAS: 95-47-6**

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

|                                   |                                                |
|-----------------------------------|------------------------------------------------|
| Lab Name: <u>Eurofins Edison</u>  | Job No.: <u>460-268503-1</u>                   |
| SDG No.: _____                    |                                                |
| Client Sample ID: <u>MW-9</u>     | Lab Sample ID: <u>460-268503-4</u>             |
| Matrix: <u>Water</u>              | Lab File ID: <u>J82211.D</u>                   |
| Analysis Method: <u>624.1</u>     | Date Collected: <u>10/28/2022 13:00</u>        |
| Sample wt/vol: <u>5 (mL)</u>      | Date Analyzed: <u>11/03/2022 16:50</u>         |
| Soil Aliquot Vol: _____           | Dilution Factor: <u>1</u>                      |
| Soil Extract Vol.: _____          | GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u> |
| Purge Volume: <u>5.0 (mL)</u>     | Heated Purge: (Y/N) <u>N</u> pH: _____         |
| % Moisture: _____ % Solids: _____ | Level: (low/med) <u>Low</u>                    |
| Analysis Batch No.: <u>875754</u> | Units: <u>ug/L</u>                             |

| CAS NO.   | COMPOUND NAME  | RESULT | Q | RL  | MDL  |
|-----------|----------------|--------|---|-----|------|
| 1330-20-7 | Xylenes, Total | 2.0    | U | 2.0 | 0.65 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 460-00-4   | 4-Bromofluorobenzene         | 103  |   | 60-140 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 123  |   | 60-140 |
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 90   |   | 60-140 |
| 2037-26-5  | Toluene-d8 (Surr)            | 90   |   | 60-140 |

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82211.D  
 Lims ID: 460-268503-B-4  
 Client ID: MW-9  
 Sample Type: Client  
 Inject. Date: 03-Nov-2022 16:50:30 ALS Bottle#: 21 Worklist Smp#: 22  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-268503-B-4  
 Misc. Info.: 460-0152676-022  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1619

First Level Reviewer: HVW2

Date: 03-Nov-2022 19:11:05

| Compound                           | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | OnCol Amt<br>ug/l | Flags |
|------------------------------------|-----|--------------|------------------|------------------|----|----------|-------------------|-------|
| * 30 TBA-d9 (IS)                   | 65  | 2.399        | 2.402            | -0.003           | 75 | 127412   | 1000.0            |       |
| * 43 2-Butanone-d5                 | 46  | 3.312        | 3.315            | -0.003           | 88 | 154598   | 250.0             |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.744        | 3.740            | 0.004            | 96 | 113723   | 61.6              |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.072        | 4.069            | 0.003            | 0  | 114610   | 45.1              |       |
| * 66 Fluorobenzene                 | 96  | 4.328        | 4.331            | -0.003           | 99 | 424798   | 50.0              |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.040        | 5.036            | 0.004            | 0  | 21829    | 1000.0            |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.043        | 6.040            | 0.003            | 98 | 391173   | 45.2              |       |
| * 94 Chlorobenzene-d5              | 117 | 7.996        | 7.993            | 0.003            | 84 | 404720   | 50.0              |       |
| \$ 105 4-Bromofluorobenzene        | 174 | 9.322        | 9.319            | 0.003            | 95 | 148380   | 51.6              |       |
| * 121 1,4-Dichlorobenzene-d4       | 152 | 10.375       | 10.371           | 0.004            | 94 | 238236   | 50.0              |       |

**Reagents:**

|                   |                    |           |             |
|-------------------|--------------------|-----------|-------------|
| 8260ISNEW_00171   | Amount Added: 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00233 | Amount Added: 1.00 | Units: uL | Run Reagent |



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82211.D

Injection Date: 03-Nov-2022 16:50:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-268503-B-4

Lab Sample ID: 460-268503-4

Worklist Smp#: 22

Client ID: MW-9

Purge Vol: 5.000 mL

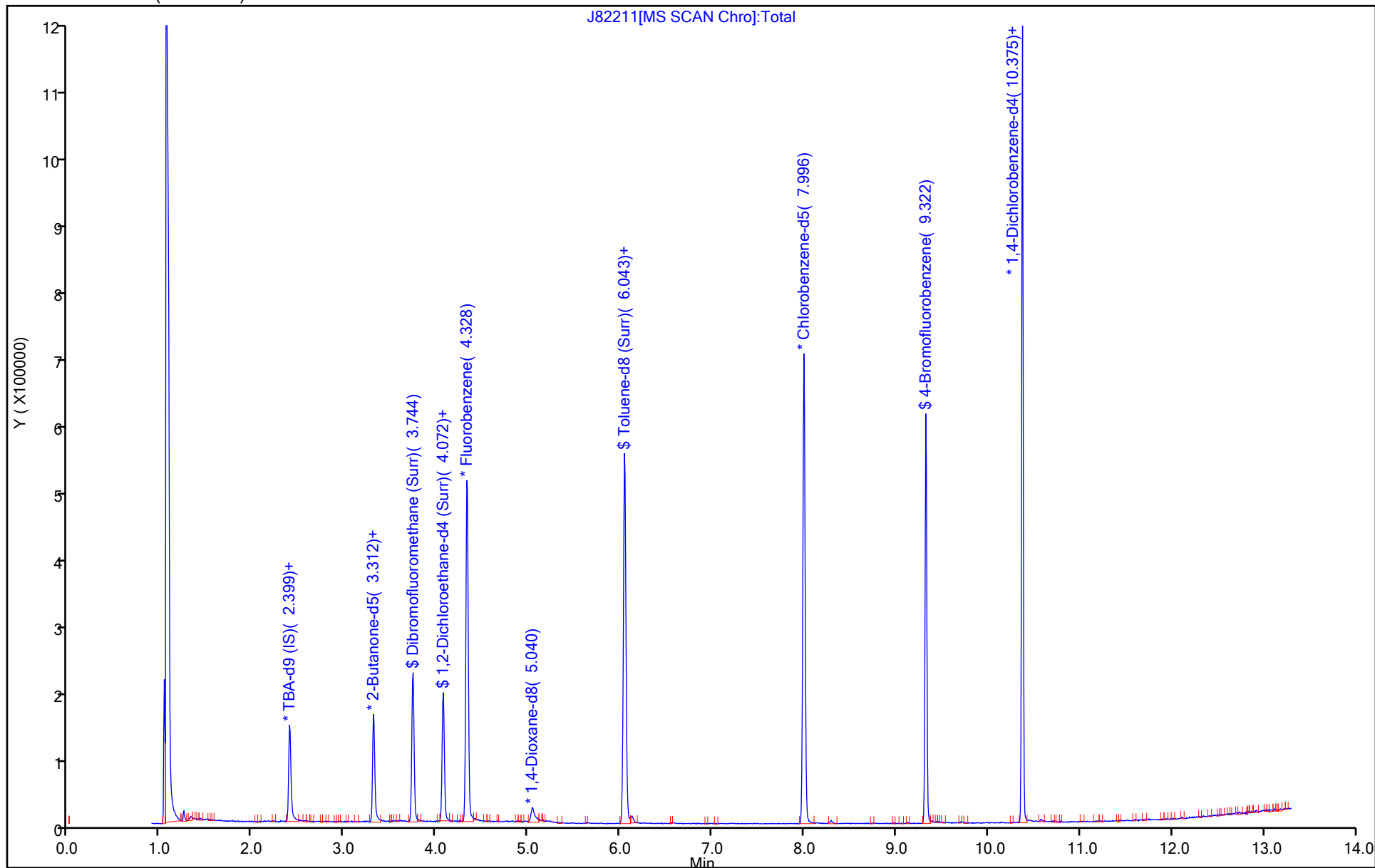
Dil. Factor: 1.0000

ALS Bottle#: 21

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison  
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82211.D  
 Lims ID: 460-268503-B-4  
 Client ID: MW-9  
 Sample Type: Client  
 Inject. Date: 03-Nov-2022 16:50:30 ALS Bottle#: 21 Worklist Smp#: 22  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-268503-B-4  
 Misc. Info.: 460-0152676-022  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1619

First Level Reviewer: HVW2

Date: 03-Nov-2022 19:11:05

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 55 Dibromofluoromethane (Surr)  | 50.0         | 61.6             | 123.14 |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 50.0         | 45.1             | 90.25  |
| \$ 83 Toluene-d8 (Surr)            | 50.0         | 45.2             | 90.36  |
| \$ 105 4-Bromofluorobenzene        | 50.0         | 51.6             | 103.28 |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

|                                   |                                                |
|-----------------------------------|------------------------------------------------|
| Lab Name: <u>Eurofins Edison</u>  | Job No.: <u>460-268503-1</u>                   |
| SDG No.: _____                    |                                                |
| Client Sample ID: <u>PZ-21</u>    | Lab Sample ID: <u>460-268503-5</u>             |
| Matrix: <u>Water</u>              | Lab File ID: <u>J82212.D</u>                   |
| Analysis Method: <u>624.1</u>     | Date Collected: <u>10/28/2022 15:30</u>        |
| Sample wt/vol: <u>5 (mL)</u>      | Date Analyzed: <u>11/03/2022 17:15</u>         |
| Soil Aliquot Vol: _____           | Dilution Factor: <u>1</u>                      |
| Soil Extract Vol.: _____          | GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u> |
| Purge Volume: <u>5.0 (mL)</u>     | Heated Purge: (Y/N) <u>N</u> pH: _____         |
| % Moisture: _____ % Solids: _____ | Level: (low/med) <u>Low</u>                    |
| Analysis Batch No.: <u>875754</u> | Units: <u>ug/L</u>                             |

| CAS NO.   | COMPOUND NAME  | RESULT | Q | RL  | MDL  |
|-----------|----------------|--------|---|-----|------|
| 1330-20-7 | Xylenes, Total | 2.0    | U | 2.0 | 0.65 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 460-00-4   | 4-Bromofluorobenzene         | 103  |   | 60-140 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 114  |   | 60-140 |
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 86   |   | 60-140 |
| 2037-26-5  | Toluene-d8 (Surr)            | 96   |   | 60-140 |

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82212.D  
 Lims ID: 460-268503-B-5  
 Client ID: PZ-21  
 Sample Type: Client  
 Inject. Date: 03-Nov-2022 17:15:30 ALS Bottle#: 22 Worklist Smp#: 23  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-268503-B-5  
 Misc. Info.: 460-0152676-023  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1619

First Level Reviewer: HVW2

Date: 03-Nov-2022 19:11:13

| Compound                           | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | OnCol Amt<br>ug/l | Flags |
|------------------------------------|-----|--------------|------------------|------------------|----|----------|-------------------|-------|
| * 30 TBA-d9 (IS)                   | 65  | 2.404        | 2.402            | 0.002            | 75 | 134188   | 1000.0            |       |
| * 43 2-Butanone-d5                 | 46  | 3.311        | 3.315            | -0.004           | 88 | 162140   | 250.0             |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.742        | 3.740            | 0.002            | 96 | 117077   | 56.9              |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.071        | 4.069            | 0.002            | 0  | 121173   | 42.8              |       |
| * 66 Fluorobenzene                 | 96  | 4.333        | 4.331            | 0.002            | 99 | 473261   | 50.0              |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.038        | 5.036            | 0.002            | 0  | 23194    | 1000.0            |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.042        | 6.040            | 0.002            | 99 | 409252   | 48.1              |       |
| * 94 Chlorobenzene-d5              | 117 | 7.995        | 7.993            | 0.002            | 85 | 398108   | 50.0              |       |
| \$ 105 4-Bromofluorobenzene        | 174 | 9.327        | 9.319            | 0.008            | 98 | 145704   | 51.6              |       |
| * 121 1,4-Dichlorobenzene-d4       | 152 | 10.373       | 10.371           | 0.002            | 94 | 236740   | 50.0              |       |

**Reagents:**

|                   |                    |           |             |
|-------------------|--------------------|-----------|-------------|
| 8260ISNEW_00171   | Amount Added: 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00233 | Amount Added: 1.00 | Units: uL | Run Reagent |

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82212.D

Injection Date: 03-Nov-2022 17:15:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-268503-B-5

Lab Sample ID: 460-268503-5

Worklist Smp#: 23

Client ID: PZ-21

Purge Vol: 5.000 mL

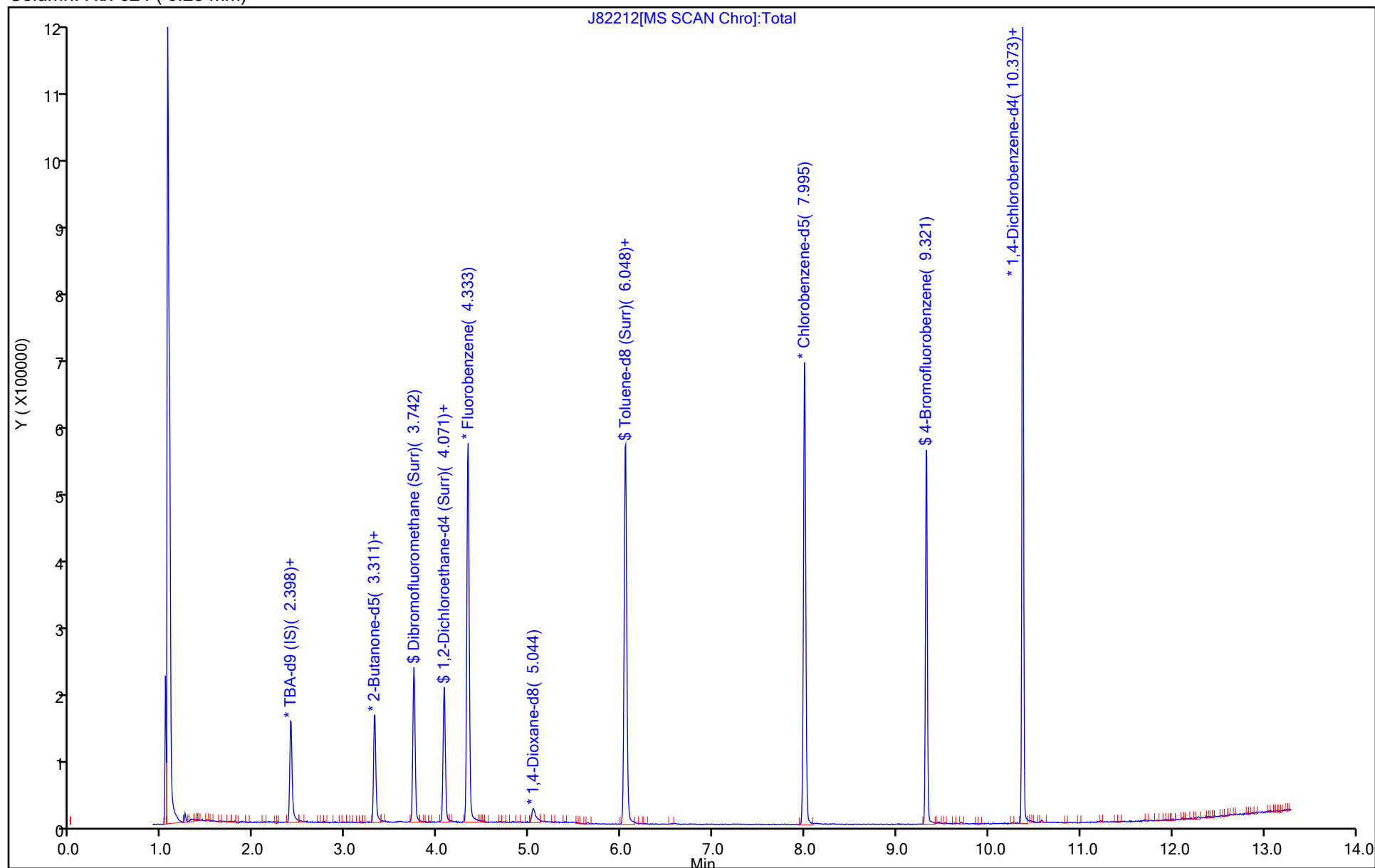
Dil. Factor: 1.0000

ALS Bottle#: 22

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison  
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82212.D  
 Lims ID: 460-268503-B-5  
 Client ID: PZ-21  
 Sample Type: Client  
 Inject. Date: 03-Nov-2022 17:15:30 ALS Bottle#: 22 Worklist Smp#: 23  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-268503-B-5  
 Misc. Info.: 460-0152676-023  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1619

First Level Reviewer: HVW2

Date: 03-Nov-2022 19:11:13

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 55 Dibromofluoromethane (Surr)  | 50.0         | 56.9             | 113.79 |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 50.0         | 42.8             | 85.64  |
| \$ 83 Toluene-d8 (Surr)            | 50.0         | 48.1             | 96.11  |
| \$ 105 4-Bromofluorobenzene        | 50.0         | 51.6             | 103.11 |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-268503-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: BD\_(10282022) Lab Sample ID: 460-268503-6  
 Matrix: Water Lab File ID: J82215.D  
 Analysis Method: 624.1 Date Collected: 10/28/2022 00:00  
 Sample wt/vol: 5 (mL) Date Analyzed: 11/03/2022 18:30  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: Rtx-624 ID: 0.25 (mm)  
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: \_\_\_\_\_  
 % Moisture: \_\_\_\_\_ % Solids: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 875754 Units: ug/L

| CAS NO.   | COMPOUND NAME  | RESULT | Q | RL  | MDL  |
|-----------|----------------|--------|---|-----|------|
| 1330-20-7 | Xylenes, Total | 110    |   | 2.0 | 0.65 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 460-00-4   | 4-Bromofluorobenzene         | 115  |   | 60-140 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 117  |   | 60-140 |
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 85   |   | 60-140 |
| 2037-26-5  | Toluene-d8 (Surr)            | 90   |   | 60-140 |

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82215.D  
 Lims ID: 460-268503-B-6  
 Client ID: BD\_(10282022)  
 Sample Type: Client  
 Inject. Date: 03-Nov-2022 18:30:30 ALS Bottle#: 25 Worklist Smp#: 26  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-268503-B-6  
 Misc. Info.: 460-0152676-026  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 20:00:48 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1: Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1619

First Level Reviewer: HVW2

Date: 03-Nov-2022 20:22:03

| Compound                           | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | OnCol Amt<br>ug/l | Flags |
|------------------------------------|-----|--------------|------------------|------------------|----|----------|-------------------|-------|
| * 30 TBA-d9 (IS)                   | 65  | 2.402        | 2.402            | 0.000            | 75 | 126387   | 1000.0            |       |
| * 43 2-Butanone-d5                 | 46  | 3.314        | 3.315            | -0.001           | 88 | 151585   | 250.0             |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.740        | 3.740            | 0.000            | 97 | 114709   | 58.3              |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.069        | 4.069            | 0.000            | 0  | 114515   | 42.3              |       |
| * 66 Fluorobenzene                 | 96  | 4.330        | 4.331            | -0.001           | 99 | 452698   | 50.0              |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.042        | 5.036            | 0.006            | 0  | 24008    | 1000.0            |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.046        | 6.040            | 0.006            | 99 | 377566   | 45.1              |       |
| * 94 Chlorobenzene-d5              | 117 | 7.993        | 7.993            | -0.001           | 85 | 391611   | 50.0              |       |
| 98 m-Xylene & p-Xylene             | 106 | 8.291        | 8.291            | 0.000            | 0  | 483778   | 107.8             |       |
| 99 o-Xylene                        | 106 | 8.741        | 8.741            | 0.000            | 93 | 1657     | 0.3673            |       |
| \$ 105 4-Bromofluorobenzene        | 174 | 9.325        | 9.319            | 0.006            | 97 | 160465   | 57.7              |       |
| * 121 1,4-Dichlorobenzene-d4       | 152 | 10.371       | 10.371           | 0.000            | 95 | 247354   | 50.0              |       |
| S 137 Xylenes, Total               | 100 |              |                  |                  | 0  |          | 108.2             |       |

## QC Flag Legend

Processing Flags

## Reagents:

|                   |                    |           |             |
|-------------------|--------------------|-----------|-------------|
| 8260ISNEW_00171   | Amount Added: 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00233 | Amount Added: 1.00 | Units: uL | Run Reagent |



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82215.D

Injection Date: 03-Nov-2022 18:30:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-268503-B-6

Lab Sample ID: 460-268503-6

Worklist Smp#: 26

Client ID: BD\_(10282022)

Purge Vol: 5.000 mL

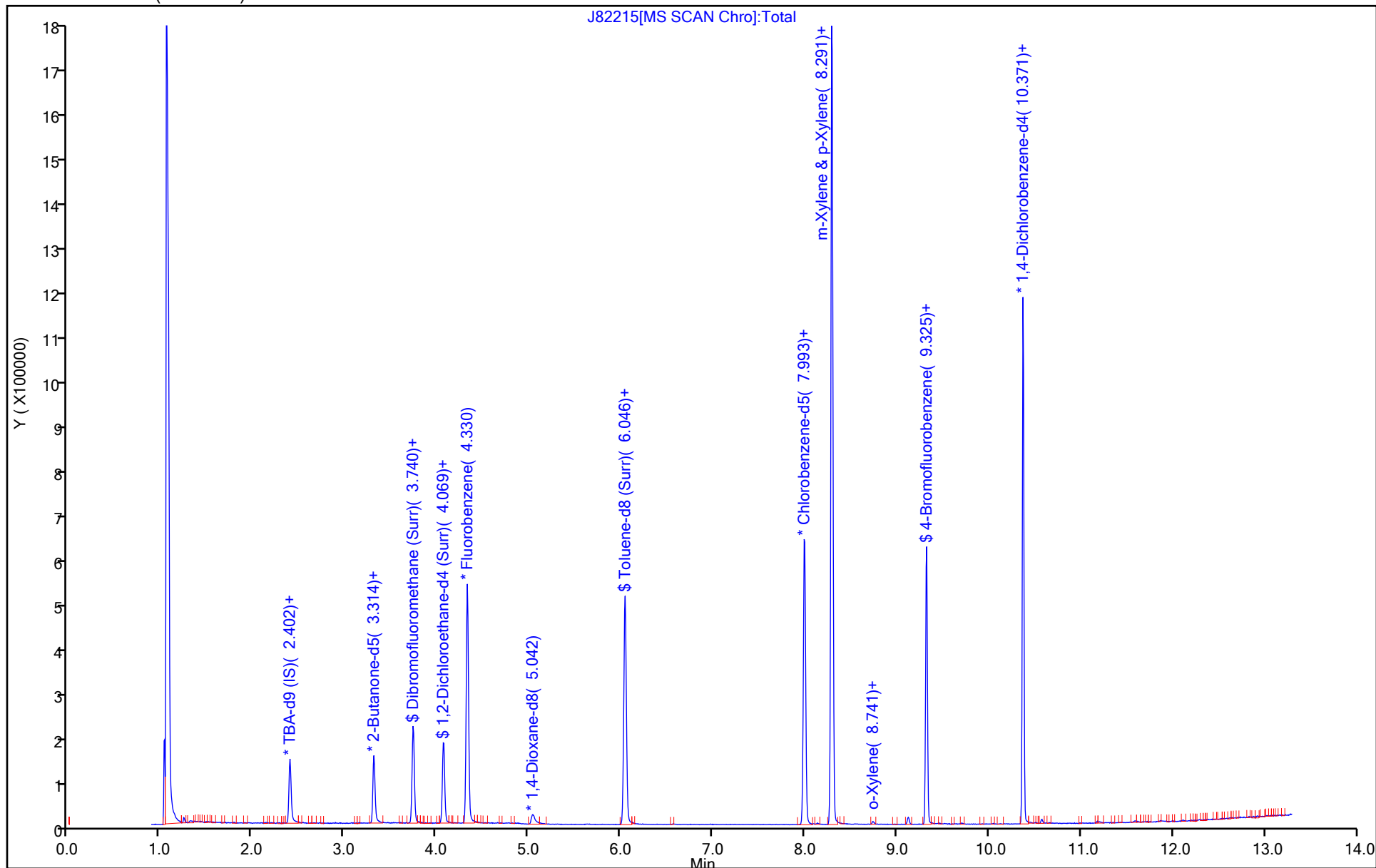
Dil. Factor: 1.0000

ALS Bottle#: 25

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison  
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82215.D  
 Lims ID: 460-268503-B-6  
 Client ID: BD\_(10282022)  
 Sample Type: Client  
 Inject. Date: 03-Nov-2022 18:30:30 ALS Bottle#: 25 Worklist Smp#: 26  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-268503-B-6  
 Misc. Info.: 460-0152676-026  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 20:00:48 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1619

First Level Reviewer: HVW2

Date: 03-Nov-2022 20:22:03

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 55 Dibromofluoromethane (Surr)  | 50.0         | 58.3             | 116.55 |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 50.0         | 42.3             | 84.62  |
| \$ 83 Toluene-d8 (Surr)            | 50.0         | 45.1             | 90.14  |
| \$ 105 4-Bromofluorobenzene        | 50.0         | 57.7             | 115.44 |

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82215.D

Injection Date: 03-Nov-2022 18:30:30

Instrument ID: CVOAMS8

Lims ID: 460-268503-B-6

Lab Sample ID: 460-268503-6

Client ID: BD\_(10282022)

Operator ID:

ALS Bottle#:

25

Worklist Smp#:

26

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

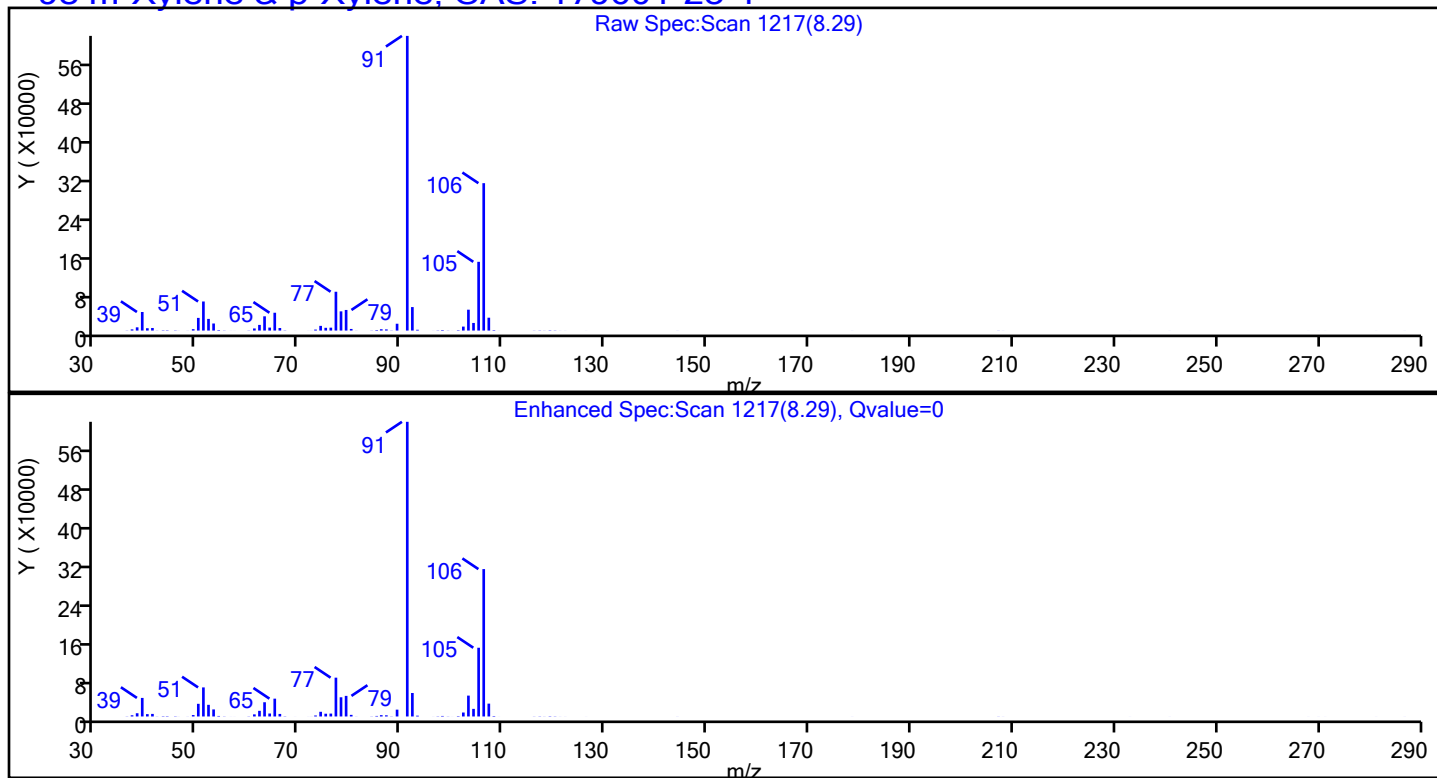
Limit Group:

VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

**98 m-Xylene & p-Xylene, CAS: 179601-23-1**

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82215.D

Injection Date: 03-Nov-2022 18:30:30

Instrument ID: CVOAMS8

Lims ID: 460-268503-B-6

Lab Sample ID: 460-268503-6

Client ID: BD\_(10282022)

Operator ID:

ALS Bottle#:

25

Worklist Smp#:

26

Purge Vol: 5.000 mL

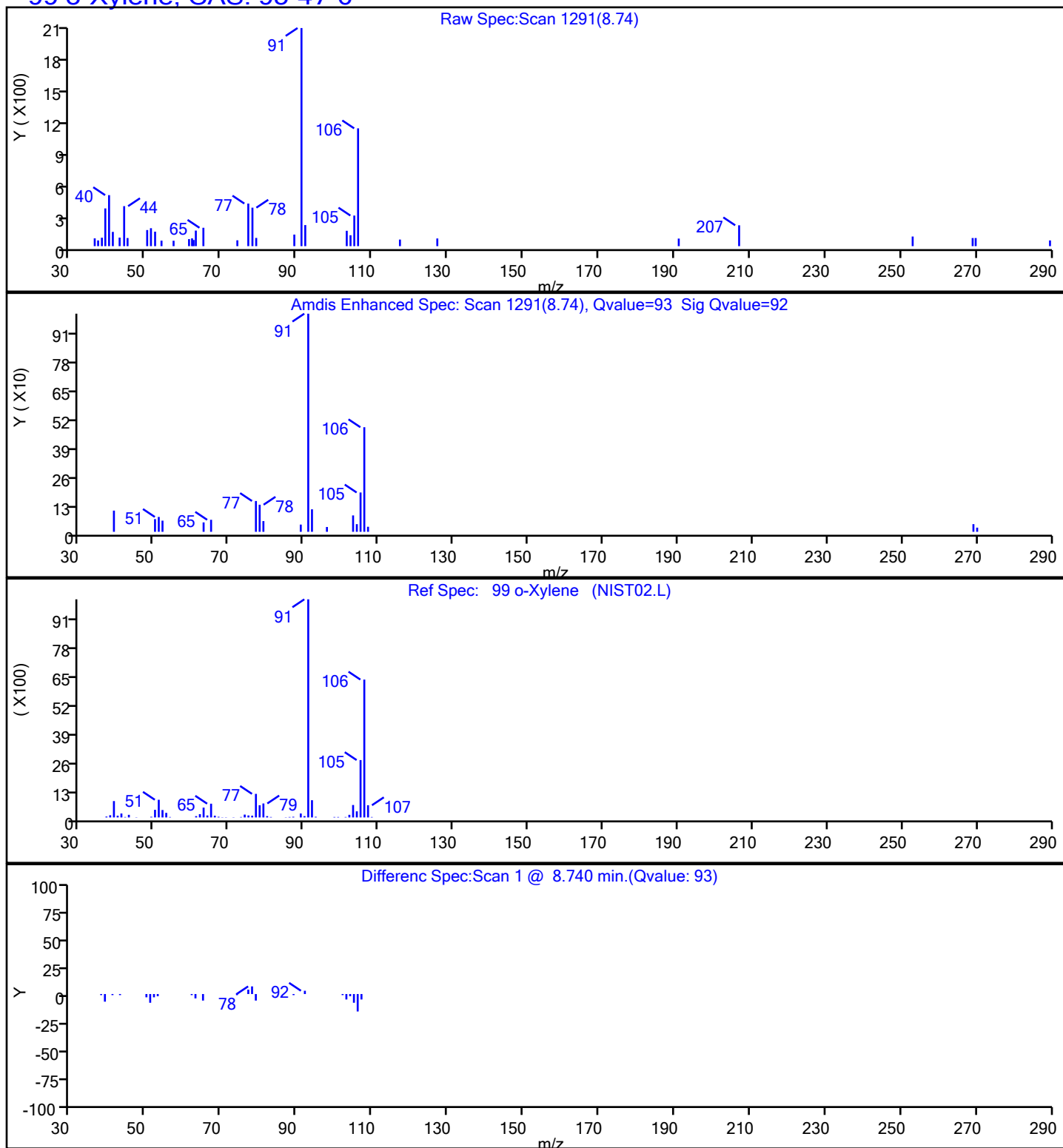
Dil. Factor: 1.0000

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

**99 o-Xylene, CAS: 95-47-6**

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-268503-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: FB\_(20221028) Lab Sample ID: 460-268503-7  
 Matrix: Water Lab File ID: J82207.D  
 Analysis Method: 624.1 Date Collected: 10/28/2022 00:00  
 Sample wt/vol: 5 (mL) Date Analyzed: 11/03/2022 15:10  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: Rtx-624 ID: 0.25 (mm)  
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: \_\_\_\_\_  
 % Moisture: \_\_\_\_\_ % Solids: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 875754 Units: ug/L

| CAS NO.   | COMPOUND NAME  | RESULT | Q | RL  | MDL  |
|-----------|----------------|--------|---|-----|------|
| 1330-20-7 | Xylenes, Total | 2.0    | U | 2.0 | 0.65 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 460-00-4   | 4-Bromofluorobenzene         | 111  |   | 60-140 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 125  |   | 60-140 |
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 89   |   | 60-140 |
| 2037-26-5  | Toluene-d8 (Surr)            | 88   |   | 60-140 |

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82207.D  
 Lims ID: 460-268503-B-7  
 Client ID: FB\_(20221028)  
 Sample Type: Client  
 Inject. Date: 03-Nov-2022 15:10:30 ALS Bottle#: 17 Worklist Smp#: 18  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-268503-B-7  
 Misc. Info.: 460-0152676-018  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1619

First Level Reviewer: HVW2

Date: 03-Nov-2022 19:10:28

| Compound                           | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | OnCol Amt<br>ug/l | Flags |
|------------------------------------|-----|--------------|------------------|------------------|----|----------|-------------------|-------|
| * 30 TBA-d9 (IS)                   | 65  | 2.402        | 2.402            | 0.000            | 75 | 110848   | 1000.0            |       |
| * 43 2-Butanone-d5                 | 46  | 3.315        | 3.315            | 0.000            | 87 | 138622   | 250.0             |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.741        | 3.740            | 0.001            | 96 | 114849   | 62.4              |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.069        | 4.069            | 0.000            | 0  | 112243   | 44.3              |       |
| * 66 Fluorobenzene                 | 96  | 4.331        | 4.331            | 0.000            | 99 | 423506   | 50.0              |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.043        | 5.036            | 0.007            | 0  | 21571    | 1000.0            |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.046        | 6.040            | 0.006            | 99 | 363990   | 44.2              |       |
| * 94 Chlorobenzene-d5              | 117 | 7.999        | 7.993            | 0.006            | 85 | 384810   | 50.0              |       |
| \$ 105 4-Bromofluorobenzene        | 174 | 9.325        | 9.319            | 0.006            | 98 | 151757   | 55.6              |       |
| * 121 1,4-Dichlorobenzene-d4       | 152 | 10.372       | 10.371           | 0.001            | 94 | 239032   | 50.0              |       |

**Reagents:**

|                   |                    |           |             |
|-------------------|--------------------|-----------|-------------|
| 8260ISNEW_00171   | Amount Added: 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00233 | Amount Added: 1.00 | Units: uL | Run Reagent |

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82207.D

Injection Date: 03-Nov-2022 15:10:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-268503-B-7

Lab Sample ID: 460-268503-7

Worklist Smp#: 18

Client ID: FB\_(20221028)

Purge Vol: 5.000 mL

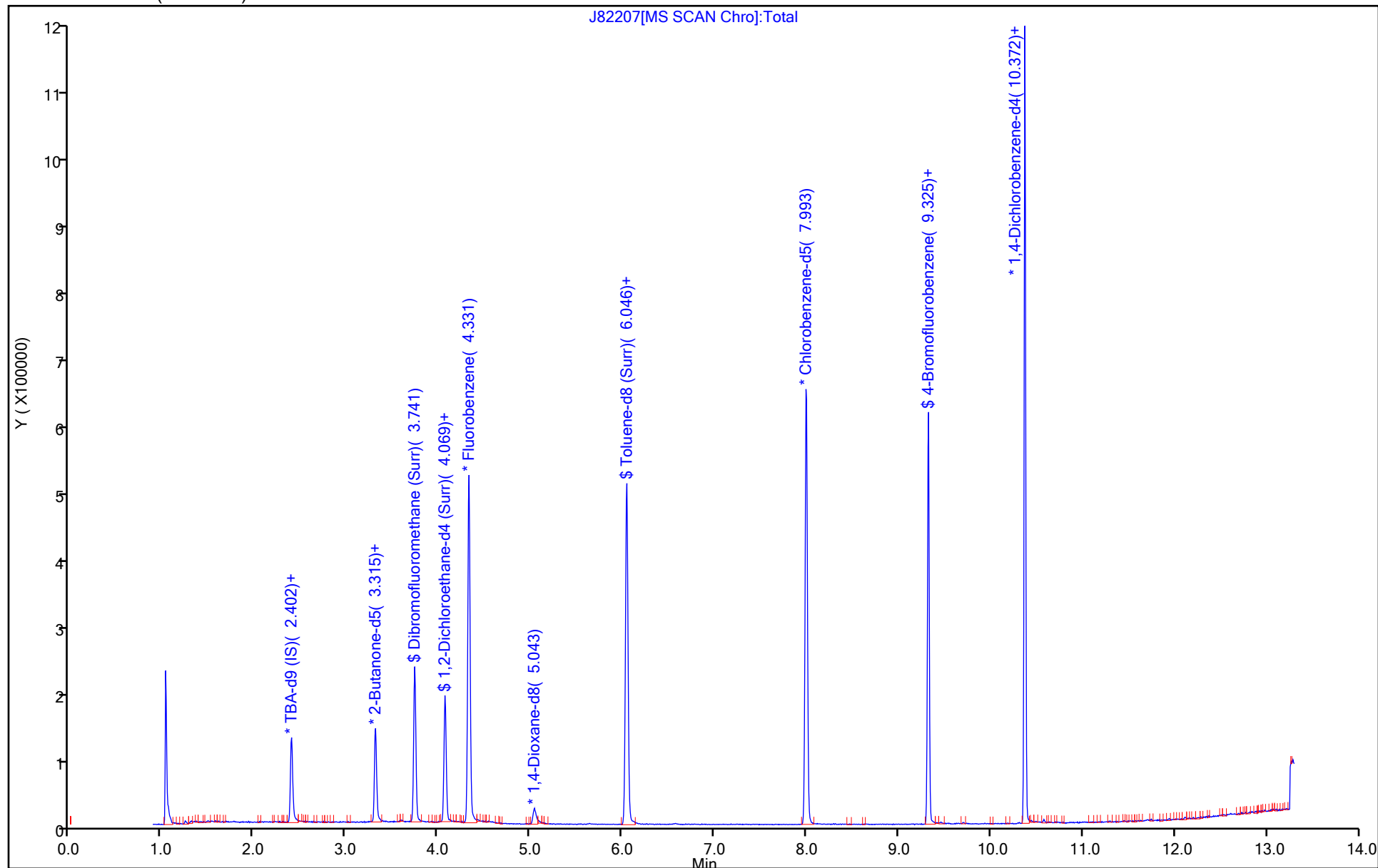
Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison  
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82207.D  
 Lims ID: 460-268503-B-7  
 Client ID: FB\_(20221028)  
 Sample Type: Client  
 Inject. Date: 03-Nov-2022 15:10:30 ALS Bottle#: 17 Worklist Smp#: 18  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-268503-B-7  
 Misc. Info.: 460-0152676-018  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1619

First Level Reviewer: HVW2

Date: 03-Nov-2022 19:10:28

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 55 Dibromofluoromethane (Surr)  | 50.0         | 62.4             | 124.74 |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 50.0         | 44.3             | 88.65  |
| \$ 83 Toluene-d8 (Surr)            | 50.0         | 44.2             | 88.43  |
| \$ 105 4-Bromofluorobenzene        | 50.0         | 55.6             | 111.10 |



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-268503-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: TB\_(20221028) Lab Sample ID: 460-268503-8  
 Matrix: Water Lab File ID: J82208.D  
 Analysis Method: 624.1 Date Collected: 10/28/2022 00:00  
 Sample wt/vol: 5 (mL) Date Analyzed: 11/03/2022 15:35  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: Rtx-624 ID: 0.25 (mm)  
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: \_\_\_\_\_  
 % Moisture: \_\_\_\_\_ % Solids: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 875754 Units: ug/L

| CAS NO.   | COMPOUND NAME  | RESULT | Q | RL  | MDL  |
|-----------|----------------|--------|---|-----|------|
| 1330-20-7 | Xylenes, Total | 2.0    | U | 2.0 | 0.65 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 460-00-4   | 4-Bromofluorobenzene         | 107  |   | 60-140 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 123  |   | 60-140 |
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 89   |   | 60-140 |
| 2037-26-5  | Toluene-d8 (Surr)            | 92   |   | 60-140 |

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82208.D  
 Lims ID: 460-268503-B-8  
 Client ID: TB\_(20221028)  
 Sample Type: Client  
 Inject. Date: 03-Nov-2022 15:35:30 ALS Bottle#: 18 Worklist Smp#: 19  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-268503-B-8  
 Misc. Info.: 460-0152676-019  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1619

First Level Reviewer: HVW2

Date: 03-Nov-2022 19:10:35

| Compound                           | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | OnCol Amt<br>ug/l | Flags |
|------------------------------------|-----|--------------|------------------|------------------|----|----------|-------------------|-------|
| * 30 TBA-d9 (IS)                   | 65  | 2.399        | 2.402            | -0.003           | 75 | 121334   | 1000.0            |       |
| * 43 2-Butanone-d5                 | 46  | 3.312        | 3.315            | -0.003           | 88 | 149976   | 250.0             |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.744        | 3.740            | 0.004            | 96 | 115678   | 61.5              |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.072        | 4.069            | 0.003            | 0  | 114772   | 44.4              |       |
| * 66 Fluorobenzene                 | 96  | 4.328        | 4.331            | -0.003           | 99 | 432274   | 50.0              |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.040        | 5.036            | 0.004            | 0  | 23920    | 1000.0            |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.043        | 6.040            | 0.003            | 99 | 386471   | 45.9              |       |
| * 94 Chlorobenzene-d5              | 117 | 7.996        | 7.993            | 0.003            | 85 | 393270   | 50.0              |       |
| \$ 105 4-Bromofluorobenzene        | 174 | 9.322        | 9.319            | 0.003            | 94 | 149784   | 53.6              |       |
| * 121 1,4-Dichlorobenzene-d4       | 152 | 10.375       | 10.371           | 0.004            | 94 | 233246   | 50.0              |       |

**Reagents:**

|                   |                    |           |             |
|-------------------|--------------------|-----------|-------------|
| 8260ISNEW_00171   | Amount Added: 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00233 | Amount Added: 1.00 | Units: uL | Run Reagent |

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82208.D

Injection Date: 03-Nov-2022 15:35:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-268503-B-8

Lab Sample ID: 460-268503-8

Worklist Smp#: 19

Client ID: TB\_(20221028)

Purge Vol: 5.000 mL

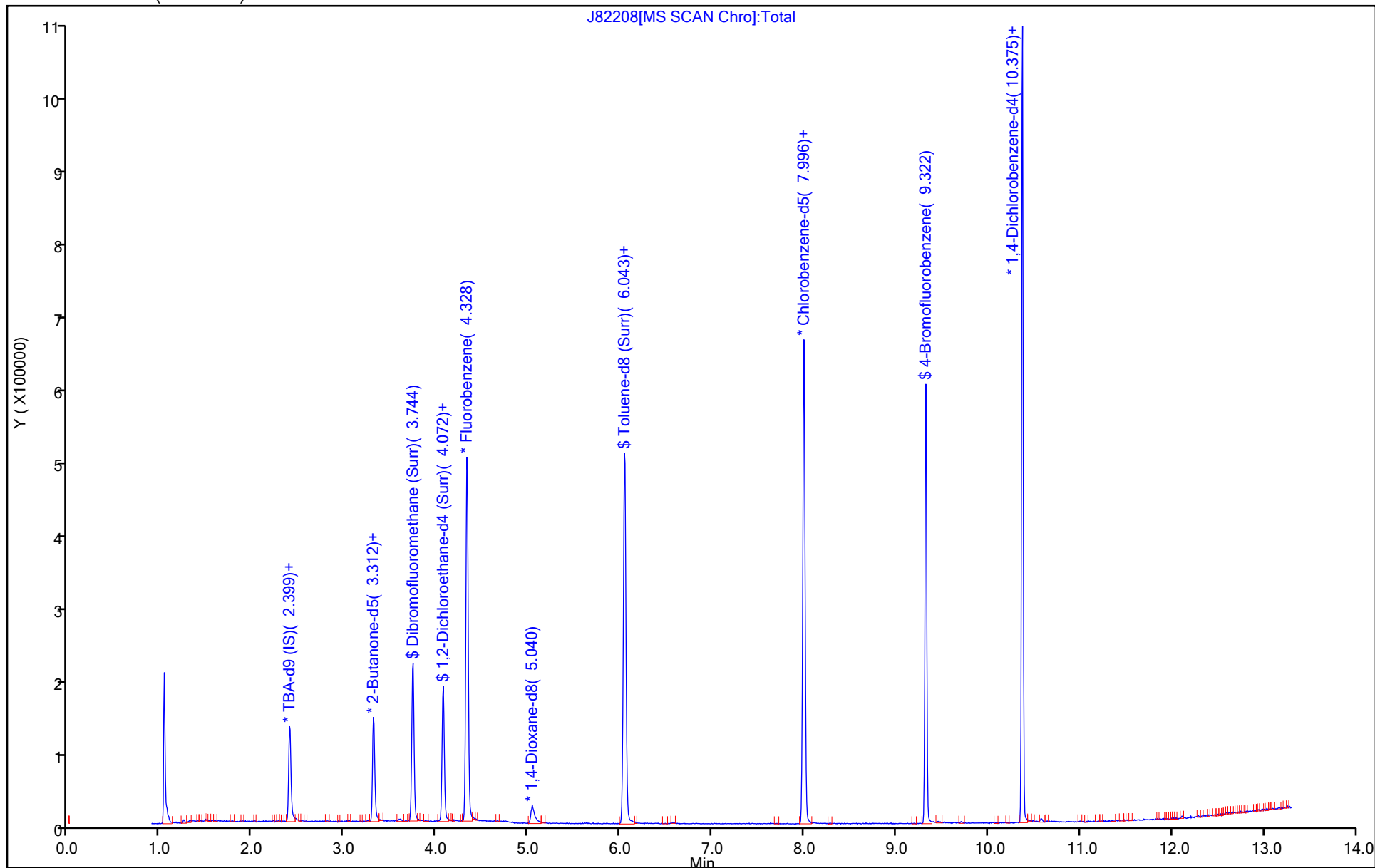
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison  
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82208.D  
 Lims ID: 460-268503-B-8  
 Client ID: TB\_(20221028)  
 Sample Type: Client  
 Inject. Date: 03-Nov-2022 15:35:30 ALS Bottle#: 18 Worklist Smp#: 19  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-268503-B-8  
 Misc. Info.: 460-0152676-019  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1619

First Level Reviewer: HVW2

Date: 03-Nov-2022 19:10:35

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 55 Dibromofluoromethane (Surr)  | 50.0         | 61.5             | 123.09 |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 50.0         | 44.4             | 88.81  |
| \$ 83 Toluene-d8 (Surr)            | 50.0         | 45.9             | 91.87  |
| \$ 105 4-Bromofluorobenzene        | 50.0         | 53.6             | 107.30 |

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

Calibration Files

|         |                     |              |
|---------|---------------------|--------------|
| LEVEL:  | LAB SAMPLE ID:      | LAB FILE ID: |
| Level 1 | STD7 460-871602/3   | J81262.D     |
| Level 2 | STD1 460-871602/4   | J81263.D     |
| Level 3 | STD5 460-871602/5   | J81264.D     |
| Level 4 | STD20 460-871602/6  | J81265.D     |
| Level 5 | STD50 460-871602/7  | J81266.D     |
| Level 6 | STD200 460-871602/8 | J81267.D     |
| Level 7 | STD500 460-871602/9 | J81268.D     |

| ANALYTE                               | RRF              |                  |        |        |        | CURVE TYPE | COEFFICIENT |            |    | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---------------------------------------|------------------|------------------|--------|--------|--------|------------|-------------|------------|----|---|---------|------|---|----------|------------|---|----------------|
|                                       | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3  | LVL 4  | LVL 5  |            | B           | M1         | M2 |   |         |      |   |          |            |   |                |
| Dichlorodifluoromethane               | +++++<br>0.3866  | 0.3568<br>0.3752 | 0.3839 | 0.3517 | 0.3503 | Ave        |             | 0.367<br>4 |    |   |         | 4.5  |   | 35.0     |            |   |                |
| Chloromethane                         | +++++<br>0.5313  | 0.5850<br>0.5175 | 0.5398 | 0.5079 | 0.5010 | Ave        |             | 0.530<br>4 |    |   |         | 5.7  |   | 35.0     |            |   |                |
| Vinyl chloride                        | +++++<br>0.3438  | 0.4045<br>0.3227 | 0.3592 | 0.3468 | 0.3394 | Ave        |             | 0.352<br>7 |    |   |         | 7.9  |   | 35.0     |            |   |                |
| Butadiene                             | 0.3620<br>0.3327 | 0.3745<br>0.2977 | 0.3562 | 0.3306 | 0.3175 | Ave        |             | 0.338<br>7 |    |   |         | 8.0  |   | 35.0     |            |   |                |
| Bromomethane                          | +++++<br>0.1350  | 0.1357<br>0.1407 | 0.1236 | 0.1231 | 0.1211 | Ave        |             | 0.129<br>9 |    |   |         | 6.3  |   | 35.0     |            |   |                |
| Chloroethane                          | +++++<br>0.1620  | 0.1862<br>0.1516 | 0.1980 | 0.1794 | 0.1665 | Ave        |             | 0.174<br>0 |    |   |         | 9.8  |   | 35.0     |            |   |                |
| Trichlorofluoromethane                | +++++<br>0.3685  | 0.4182<br>0.3437 | 0.3882 | 0.3676 | 0.3619 | Ave        |             | 0.374<br>7 |    |   |         | 6.8  |   | 35.0     |            |   |                |
| Pentane                               | +++++<br>0.4132  | 0.4247<br>0.3464 | 0.5226 | 0.4774 | 0.4388 | Ave        |             | 0.437<br>2 |    |   |         | 13.7 |   | 35.0     |            |   |                |
| Ethanol                               | +++++<br>0.0361  | 0.0491<br>0.0403 | 0.0472 | 0.0513 | 0.0462 | Ave        |             | 0.045<br>0 |    |   |         | 12.7 |   | 35.0     |            |   |                |
| Ethyl ether                           | +++++<br>0.2142  | 0.2391<br>0.1871 | 0.2156 | 0.2282 | 0.2211 | Ave        |             | 0.217<br>6 |    |   |         | 8.0  |   | 35.0     |            |   |                |
| 2-Methyl-1,3-butadiene                | +++++<br>0.2580  | 0.3080<br>0.2305 | 0.3004 | 0.2765 | 0.2740 | Ave        |             | 0.274<br>6 |    |   |         | 10.3 |   | 35.0     |            |   |                |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | +++++<br>0.2149  | 0.2313<br>0.1978 | 0.2407 | 0.2254 | 0.2199 | Ave        |             | 0.221<br>7 |    |   |         | 6.6  |   | 35.0     |            |   |                |
| Acrolein                              | +++++<br>1.7676  | 2.0821<br>1.7100 | 1.8575 | 1.6380 | 1.7370 | Ave        |             | 1.798<br>7 |    |   |         | 8.7  |   | 35.0     |            |   |                |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

| ANALYTE                  | RRF              |                  |        |        |        | CURVE<br>TYPE | COEFFICIENT |            |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|--------------------------|------------------|------------------|--------|--------|--------|---------------|-------------|------------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                          | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3  | LVL 4  | LVL 5  |               | B           | M1         | M2 |   |         |      |   |             |               |   |                   |
| 1,1-Dichloroethene       | ++++<br>0.2031   | 0.2802<br>0.1895 | 0.2296 | 0.2188 | 0.2105 | Ave           |             | 0.221<br>9 |    |   |         | 14.3 |   | 35.0        |               |   |                   |
| Acetone                  | ++++<br>0.6729   | 0.7991<br>0.6423 | 0.6542 | 0.6099 | 0.5979 | Ave           |             | 0.662<br>7 |    |   |         | 10.9 |   | 35.0        |               |   |                   |
| Iodomethane              | ++++<br>0.2762   | 0.1891<br>0.2572 | 0.1528 | 0.2093 | 0.2492 | Lin2          | -0.06<br>1  | 0.235<br>3 |    |   |         | 19.1 |   | 35.0        |               |   |                   |
| Isopropyl alcohol        | ++++<br>0.5049   | 0.4218<br>0.5617 | 0.5371 | 0.5088 | 0.5829 | Ave           |             | 0.519<br>6 |    |   |         | 10.9 |   | 35.0        |               |   |                   |
| Carbon disulfide         | ++++<br>0.7923   | 0.9372<br>0.7213 | 0.7971 | 0.8167 | 0.8286 | Ave           |             | 0.815<br>5 |    |   |         | 8.6  |   | 35.0        |               |   |                   |
| 3-Chloro-1-propene       | ++++<br>0.1456   | 0.1936<br>0.1251 | 0.1570 | 0.1592 | 0.1536 | Ave           |             | 0.155<br>7 |    |   |         | 14.3 |   | 35.0        |               |   |                   |
| Methyl acetate           | ++++<br>0.2095   | 0.2443<br>0.1856 | 0.2071 | 0.2160 | 0.2231 | Ave           |             | 0.214<br>3 |    |   |         | 9.1  |   | 35.0        |               |   |                   |
| Acetonitrile             | ++++<br>1.2453   | 1.2358<br>1.5108 | 1.2687 | 1.3351 | 1.3568 | Ave           |             | 1.325<br>4 |    |   |         | 7.8  |   | 35.0        |               |   |                   |
| Methylene Chloride       | ++++<br>0.2572   | 0.3297<br>0.2396 | 0.2814 | 0.2763 | 0.2623 | Ave           |             | 0.274<br>4 |    |   |         | 11.3 |   | 35.0        |               |   |                   |
| 2-Methyl-2-propanol      | ++++<br>0.7334   | 0.8998<br>0.8074 | 0.7784 | 0.7739 | 0.8174 | Ave           |             | 0.801<br>7 |    |   |         | 7.0  |   | 35.0        |               |   |                   |
| Methyl tert-butyl ether  | ++++<br>0.6872   | 0.7326<br>0.6282 | 0.6482 | 0.6853 | 0.7079 | Ave           |             | 0.681<br>6 |    |   |         | 5.6  |   | 35.0        |               |   |                   |
| trans-1,2-Dichloroethene | ++++<br>0.2311   | 0.3206<br>0.2142 | 0.2597 | 0.2440 | 0.2390 | Ave           |             | 0.251<br>5 |    |   |         | 14.7 |   | 35.0        |               |   |                   |
| Acrylonitrile            | 5.0821<br>4.3947 | 5.3163<br>3.8435 | 4.9801 | 5.1319 | 4.7366 | Ave           |             | 4.783<br>6 |    |   |         | 10.7 |   | 35.0        |               |   |                   |
| Hexane                   | ++++<br>0.3135   | 0.3052<br>0.2773 | 0.3302 | 0.3294 | 0.3246 | Ave           |             | 0.313<br>3 |    |   |         | 6.4  |   | 35.0        |               |   |                   |
| Isopropyl ether          | ++++<br>1.0622   | 1.0622<br>0.9354 | 1.0274 | 1.0723 | 1.0906 | Ave           |             | 1.041<br>7 |    |   |         | 5.4  |   | 35.0        |               |   |                   |
| 1,1-Dichloroethane       | ++++<br>0.5292   | 0.6580<br>0.4661 | 0.6094 | 0.5699 | 0.5575 | Ave           |             | 0.565<br>0 |    |   |         | 11.7 |   | 35.0        |               |   |                   |
| Vinyl acetate            | ++++<br>0.6571   | 0.6906<br>0.5241 | 0.6940 | 0.7233 | 0.6801 | Ave           |             | 0.661<br>5 |    |   |         | 10.7 |   | 35.0        |               |   |                   |
| 2,2-Dichloropropane      | ++++<br>0.1299   | 0.2127<br>0.1219 | 0.1408 | 0.1341 | 0.1325 | Ave           |             | 0.145<br>3 |    |   |         | 23.1 |   | 35.0        |               |   |                   |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

| ANALYTE                | RRF            |                  |        |        |        | CURVE<br>TYPE | COEFFICIENT |            |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|------------------------|----------------|------------------|--------|--------|--------|---------------|-------------|------------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                        | LVL 1<br>LVL 6 | LVL 2<br>LVL 7   | LVL 3  | LVL 4  | LVL 5  |               | B           | M1         | M2 |   |         |      |   |             |               |   |                   |
| cis-1,2-Dichloroethene | ++++<br>0.2595 | 0.3373<br>0.2428 | 0.2865 | 0.2690 | 0.2635 | Ave           |             | 0.276<br>4 |    |   |         | 11.9 |   | 35.0        |               |   |                   |
| 2-Butanone (MEK)       | ++++<br>0.1915 | 0.2397<br>0.1868 | 0.1975 | 0.1882 | 0.1756 | Ave           |             | 0.196<br>6 |    |   |         | 11.3 |   | 35.0        |               |   |                   |
| Ethyl acetate          | ++++<br>0.2008 | 0.2198<br>0.2044 | 0.1994 | 0.2085 | 0.1985 | Ave           |             | 0.205<br>2 |    |   |         | 3.9  |   | 35.0        |               |   |                   |
| Chlorobromomethane     | ++++<br>0.1112 | 0.1611<br>0.1041 | 0.1208 | 0.1202 | 0.1167 | Ave           |             | 0.122<br>4 |    |   |         | 16.3 |   | 35.0        |               |   |                   |
| Tetrahydrofuran        | ++++<br>0.1943 | 0.1558<br>0.1848 | 0.2252 | 0.2141 | 0.2022 | Ave           |             | 0.196<br>1 |    |   |         | 12.4 |   | 35.0        |               |   |                   |
| Chloroform             | ++++<br>0.4673 | 0.5872<br>0.4113 | 0.5180 | 0.4961 | 0.4809 | Ave           |             | 0.493<br>5 |    |   |         | 11.8 |   | 35.0        |               |   |                   |
| Cyclohexane            | ++++<br>0.2930 | 0.3313<br>0.2693 | 0.3345 | 0.3112 | 0.3029 | Ave           |             | 0.307<br>0 |    |   |         | 8.0  |   | 35.0        |               |   |                   |
| 1,1,1-Trichloroethane  | ++++<br>0.3770 | 0.4487<br>0.3515 | 0.4026 | 0.3860 | 0.3768 | Ave           |             | 0.390<br>4 |    |   |         | 8.5  |   | 35.0        |               |   |                   |
| Carbon tetrachloride   | ++++<br>0.3096 | 0.3292<br>0.3009 | 0.3143 | 0.3046 | 0.3049 | Ave           |             | 0.310<br>6 |    |   |         | 3.3  |   | 35.0        |               |   |                   |
| 1,1-Dichloropropene    | ++++<br>0.3625 | 0.4095<br>0.3478 | 0.3807 | 0.3767 | 0.3698 | Ave           |             | 0.374<br>5 |    |   |         | 5.5  |   | 35.0        |               |   |                   |
| Benzene                | ++++<br>1.2966 | 1.6349<br>1.1755 | 1.4449 | 1.4388 | 1.3717 | Ave           |             | 1.393<br>7 |    |   |         | 11.1 |   | 35.0        |               |   |                   |
| Isopropyl acetate      | ++++<br>0.8052 | 0.7887<br>0.7474 | 0.7458 | 0.7871 | 0.8261 | Ave           |             | 0.783<br>4 |    |   |         | 4.1  |   | 35.0        |               |   |                   |
| 1,2-Dichloroethane     | ++++<br>0.3980 | 0.4858<br>0.3762 | 0.4230 | 0.4223 | 0.4053 | Ave           |             | 0.418<br>4 |    |   |         | 8.9  |   | 35.0        |               |   |                   |
| n-Heptane              | ++++<br>0.1219 | 0.1425<br>0.1113 | 0.1260 | 0.1233 | 0.1233 | Ave           |             | 0.124<br>7 |    |   |         | 8.1  |   | 35.0        |               |   |                   |
| n-Butanol              | ++++<br>0.1925 | 0.1339<br>0.2236 | 0.1746 | 0.1898 | 0.2206 | Ave           |             | 0.189<br>2 |    |   |         | 17.4 |   | 35.0        |               |   |                   |
| Trichloroethene        | ++++<br>0.2593 | 0.3543<br>0.2498 | 0.2769 | 0.2623 | 0.2659 | Ave           |             | 0.278<br>1 |    |   |         | 13.8 |   | 35.0        |               |   |                   |
| Methylcyclohexane      | ++++<br>0.3156 | 0.3139<br>0.2903 | 0.3288 | 0.3250 | 0.3205 | Ave           |             | 0.315<br>7 |    |   |         | 4.3  |   | 35.0        |               |   |                   |
| Ethyl acrylate         | ++++<br>0.6687 | 0.7385<br>0.6159 | 0.6487 | 0.6667 | 0.6870 | Ave           |             | 0.670<br>9 |    |   |         | 6.1  |   | 35.0        |               |   |                   |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

| ANALYTE                     | RRF              |                  |        |        |        | CURVE<br>TYPE | COEFFICIENT |            |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|-----------------------------|------------------|------------------|--------|--------|--------|---------------|-------------|------------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                             | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3  | LVL 4  | LVL 5  |               | B           | M1         | M2 |   |         |      |   |             |               |   |                   |
| 1,2-Dichloropropane         | ++++<br>0.3107   | 0.4078<br>0.2910 | 0.3321 | 0.3283 | 0.3181 | Ave           |             | 0.331<br>3 |    |   |         | 12.1 |   | 35.0        |               |   |                   |
| Methyl methacrylate         | ++++<br>0.0508   | 0.0533<br>0.0486 | 0.0476 | 0.0499 | 0.0503 | Ave           |             | 0.050<br>1 |    |   |         | 3.9  |   | 35.0        |               |   |                   |
| 1,4-Dioxane                 | ++++<br>0.5006   | 0.3592<br>0.5429 | 0.7050 | 0.5376 | 0.6154 | Ave           |             | 0.543<br>4 |    |   |         | 21.3 |   | 35.0        |               |   |                   |
| Dibromomethane              | ++++<br>0.1711   | 0.2315<br>0.1642 | 0.1778 | 0.1761 | 0.1747 | Ave           |             | 0.182<br>6 |    |   |         | 13.4 |   | 35.0        |               |   |                   |
| n-Propyl acetate            | ++++<br>0.4316   | 0.4407<br>0.4131 | 0.3685 | 0.4180 | 0.4362 | Ave           |             | 0.418<br>0 |    |   |         | 6.3  |   | 35.0        |               |   |                   |
| Dichlorobromomethane        | ++++<br>0.3683   | 0.4174<br>0.3659 | 0.3587 | 0.3587 | 0.3576 | Ave           |             | 0.371<br>1 |    |   |         | 6.2  |   | 35.0        |               |   |                   |
| 2-Chloroethyl vinyl ether   | ++++<br>0.1922   | 0.1842<br>0.1843 | 0.1755 | 0.1771 | 0.1900 | Ave           |             | 0.183<br>9 |    |   |         | 3.6  |   | 35.0        |               |   |                   |
| Epichlorohydrin             | 0.2342<br>0.1961 | 0.1919<br>0.1967 | 0.1992 | 0.1943 | 0.1937 | Ave           |             | 0.200<br>9 |    |   |         | 7.4  |   | 35.0        |               |   |                   |
| cis-1,3-Dichloropropene     | ++++<br>0.6677   | 0.6737<br>0.6324 | 0.6434 | 0.6691 | 0.6535 | Ave           |             | 0.656<br>6 |    |   |         | 2.5  |   | 35.0        |               |   |                   |
| 4-Methyl-2-pentanone (MIBK) | ++++<br>2.3248   | 2.5249<br>2.1996 | 2.3915 | 2.4539 | 2.3298 | Ave           |             | 2.370<br>8 |    |   |         | 4.8  |   | 35.0        |               |   |                   |
| Toluene                     | ++++<br>1.4136   | 1.6571<br>1.3035 | 1.4623 | 1.4860 | 1.4140 | Ave           |             | 1.456<br>1 |    |   |         | 8.0  |   | 35.0        |               |   |                   |
| trans-1,3-Dichloropropene   | ++++<br>0.6126   | 0.5874<br>0.5871 | 0.5500 | 0.5817 | 0.5870 | Ave           |             | 0.584<br>3 |    |   |         | 3.4  |   | 35.0        |               |   |                   |
| 1,1,2-Trichloroethane       | ++++<br>0.3087   | 0.3201<br>0.2929 | 0.3058 | 0.3145 | 0.3032 | Ave           |             | 0.307<br>5 |    |   |         | 3.1  |   | 35.0        |               |   |                   |
| Tetrachloroethene           | ++++<br>0.2995   | 0.3250<br>0.2846 | 0.3050 | 0.3139 | 0.2957 | Ave           |             | 0.304<br>0 |    |   |         | 4.7  |   | 35.0        |               |   |                   |
| 1,3-Dichloropropane         | ++++<br>0.5733   | 0.5906<br>0.5267 | 0.5638 | 0.5941 | 0.5618 | Ave           |             | 0.568<br>4 |    |   |         | 4.3  |   | 35.0        |               |   |                   |
| 2-Hexanone                  | ++++<br>0.7708   | 0.8025<br>0.7485 | 0.7985 | 0.7659 | 0.7599 | Ave           |             | 0.774<br>4 |    |   |         | 2.8  |   | 35.0        |               |   |                   |
| n-Butyl acetate             | ++++<br>0.6822   | 0.7005<br>0.6185 | 0.6750 | 0.6754 | 0.6833 | Ave           |             | 0.672<br>5 |    |   |         | 4.2  |   | 35.0        |               |   |                   |
| Chlorodibromomethane        | ++++<br>0.3526   | 0.3142<br>0.3438 | 0.2913 | 0.3177 | 0.3272 | Ave           |             | 0.324<br>5 |    |   |         | 6.8  |   | 35.0        |               |   |                   |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.



FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

| ANALYTE                      | RRF            |                  |        |        |        | CURVE<br>TYPE | COEFFICIENT |            |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|------------------------------|----------------|------------------|--------|--------|--------|---------------|-------------|------------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                              | LVL 1<br>LVL 6 | LVL 2<br>LVL 7   | LVL 3  | LVL 4  | LVL 5  |               | B           | M1         | M2 |   |         |      |   |             |               |   |                   |
| Ethylene Dibromide           | ++++<br>0.3287 | 0.3539<br>0.3138 | 0.3205 | 0.3418 | 0.3281 | Ave           |             | 0.331<br>1 |    |   |         | 4.4  |   | 35.0        |               |   |                   |
| Chlorobenzene                | ++++<br>0.8488 | 0.9778<br>0.8037 | 0.8953 | 0.8913 | 0.8597 | Ave           |             | 0.879<br>4 |    |   |         | 6.7  |   | 35.0        |               |   |                   |
| Ethylbenzene                 | ++++<br>0.4539 | 0.4872<br>0.4276 | 0.4746 | 0.4635 | 0.4547 | Ave           |             | 0.460<br>2 |    |   |         | 4.4  |   | 35.0        |               |   |                   |
| 1,1,1,2-Tetrachloroethane    | ++++<br>0.3140 | 0.2997<br>0.3059 | 0.2840 | 0.2911 | 0.3014 | Ave           |             | 0.299<br>4 |    |   |         | 3.6  |   | 35.0        |               |   |                   |
| m-Xylene & p-Xylene          | ++++<br>0.5398 | 0.6526<br>0.5182 | 0.5793 | 0.5844 | 0.5629 | Ave           |             | 0.572<br>9 |    |   |         | 8.1  |   | 35.0        |               |   |                   |
| o-Xylene                     | ++++<br>0.5553 | 0.6253<br>0.5216 | 0.5970 | 0.5958 | 0.5609 | Ave           |             | 0.576<br>0 |    |   |         | 6.4  |   | 35.0        |               |   |                   |
| n-Butyl acrylate             | ++++<br>0.2914 | 0.3093<br>0.2804 | 0.2789 | 0.2945 | 0.2920 | Ave           |             | 0.291<br>1 |    |   |         | 3.8  |   | 35.0        |               |   |                   |
| Styrene                      | ++++<br>0.9670 | 1.0947<br>0.9003 | 0.9706 | 1.0150 | 0.9761 | Ave           |             | 0.987<br>3 |    |   |         | 6.5  |   | 35.0        |               |   |                   |
| Bromoform                    | ++++<br>0.2331 | 0.1817<br>0.2378 | 0.1676 | 0.1942 | 0.2041 | Ave           |             | 0.203<br>1 |    |   |         | 13.7 |   | 35.0        |               |   |                   |
| Amyl acetate (mixed isomers) | ++++<br>1.4175 | 1.4998<br>1.2703 | 1.4384 | 1.5441 | 1.4905 | Ave           |             | 1.443<br>4 |    |   |         | 6.7  |   | 35.0        |               |   |                   |
| Isopropylbenzene             | ++++<br>1.3496 | 1.5627<br>1.2559 | 1.4516 | 1.4309 | 1.3569 | Ave           |             | 1.401<br>3 |    |   |         | 7.5  |   | 35.0        |               |   |                   |
| Bromobenzene                 | ++++<br>0.6740 | 0.8172<br>0.6207 | 0.7224 | 0.7046 | 0.6781 | Ave           |             | 0.702<br>8 |    |   |         | 9.4  |   | 35.0        |               |   |                   |
| 1,1,2,2-Tetrachloroethane    | ++++<br>0.8268 | 0.8664<br>0.7553 | 0.8300 | 0.8674 | 0.8346 | Ave           |             | 0.830<br>1 |    |   |         | 4.9  |   | 35.0        |               |   |                   |
| N-Propylbenzene              | ++++<br>3.1276 | 3.7916<br>2.6720 | 3.4272 | 3.4296 | 3.3200 | Ave           |             | 3.294<br>7 |    |   |         | 11.3 |   | 35.0        |               |   |                   |
| 1,2,3-Trichloropropane       | ++++<br>0.1780 | 0.2076<br>0.1643 | 0.1914 | 0.1784 | 0.1779 | Ave           |             | 0.182<br>9 |    |   |         | 8.1  |   | 35.0        |               |   |                   |
| 2-Chlorotoluene              | ++++<br>2.2601 | 2.6322<br>2.0377 | 2.4238 | 2.4423 | 2.3222 | Ave           |             | 2.353<br>0 |    |   |         | 8.5  |   | 35.0        |               |   |                   |
| 1,3,5-Trimethylbenzene       | ++++<br>2.1559 | 2.4439<br>1.9099 | 2.2749 | 2.2387 | 2.1467 | Ave           |             | 2.195<br>0 |    |   |         | 8.0  |   | 35.0        |               |   |                   |
| 4-Chlorotoluene              | ++++<br>2.2325 | 2.5653<br>1.9452 | 2.3295 | 2.3136 | 2.2448 | Ave           |             | 2.271<br>8 |    |   |         | 8.8  |   | 35.0        |               |   |                   |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

| ANALYTE                      | RRF              |                  |        |        |        | CURVE<br>TYPE | COEFFICIENT |            |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|------------------------------|------------------|------------------|--------|--------|--------|---------------|-------------|------------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                              | LVL 1<br>LVL 6   | LVL 2<br>LVL 7   | LVL 3  | LVL 4  | LVL 5  |               | B           | M1         | M2 |   |         |      |   |             |               |   |                   |
| Butyl Methacrylate           | ++++<br>0.8781   | 0.8534<br>0.8106 | 0.8422 | 0.8741 | 0.8629 | Ave           |             | 0.853<br>6 |    |   |         | 2.9  |   | 35.0        |               |   |                   |
| tert-Butylbenzene            | ++++<br>1.5914   | 1.8751<br>1.4237 | 1.7088 | 1.7194 | 1.6492 | Ave           |             | 1.661<br>2 |    |   |         | 9.0  |   | 35.0        |               |   |                   |
| 1,2,4-Trimethylbenzene       | ++++<br>2.2887   | 2.5492<br>2.0246 | 2.3446 | 2.3900 | 2.3326 | Ave           |             | 2.321<br>6 |    |   |         | 7.4  |   | 35.0        |               |   |                   |
| sec-Butylbenzene             | ++++<br>2.3741   | 2.8107<br>2.1090 | 2.6187 | 2.5840 | 2.5118 | Ave           |             | 2.501<br>4 |    |   |         | 9.6  |   | 35.0        |               |   |                   |
| 1,3-Dichlorobenzene          | ++++<br>1.2436   | 1.3969<br>1.1161 | 1.2811 | 1.2823 | 1.2532 | Ave           |             | 1.262<br>2 |    |   |         | 7.1  |   | 35.0        |               |   |                   |
| 4-Isopropyltoluene           | ++++<br>2.0483   | 2.2948<br>1.7765 | 2.1083 | 2.1279 | 2.1032 | Ave           |             | 2.076<br>5 |    |   |         | 8.1  |   | 35.0        |               |   |                   |
| 1,4-Dichlorobenzene          | ++++<br>1.2918   | 1.4794<br>1.1734 | 1.3323 | 1.3469 | 1.3002 | Ave           |             | 1.320<br>7 |    |   |         | 7.5  |   | 35.0        |               |   |                   |
| 1,2,3-Trimethylbenzene       | ++++<br>2.4227   | 2.6600<br>2.1634 | 2.5226 | 2.5354 | 2.4625 | Ave           |             | 2.461<br>1 |    |   |         | 6.8  |   | 35.0        |               |   |                   |
| Benzyl chloride              | ++++<br>1.5324   | 1.1978<br>1.4298 | 1.1713 | 1.3005 | 1.4001 | Ave           |             | 1.338<br>6 |    |   |         | 10.5 |   | 35.0        |               |   |                   |
| n-Butylbenzene               | ++++<br>1.1420   | 1.3006<br>1.0007 | 1.2083 | 1.1842 | 1.1582 | Ave           |             | 1.165<br>7 |    |   |         | 8.4  |   | 35.0        |               |   |                   |
| 1,2-Dichlorobenzene          | ++++<br>1.2426   | 1.3874<br>1.1299 | 1.2675 | 1.2694 | 1.2277 | Ave           |             | 1.254<br>1 |    |   |         | 6.6  |   | 35.0        |               |   |                   |
| 1,2-Dibromo-3-Chloropropane  | ++++<br>0.1414   | 0.1227<br>0.1350 | 0.1289 | 0.1273 | 0.1307 | Ave           |             | 0.131<br>0 |    |   |         | 4.9  |   | 35.0        |               |   |                   |
| 1,2,4-Trichlorobenzene       | ++++<br>0.8142   | 0.9399<br>0.7370 | 0.7851 | 0.8069 | 0.8058 | Ave           |             | 0.814<br>8 |    |   |         | 8.3  |   | 35.0        |               |   |                   |
| Hexachlorobutadiene          | ++++<br>0.2713   | 0.3049<br>0.2624 | 0.2951 | 0.2839 | 0.2697 | Ave           |             | 0.281<br>2 |    |   |         | 5.8  |   | 35.0        |               |   |                   |
| Naphthalene                  | ++++<br>2.0843   | 2.3701<br>1.8876 | 2.0494 | 2.1153 | 2.1200 | Ave           |             | 2.104<br>4 |    |   |         | 7.4  |   | 35.0        |               |   |                   |
| 1,2,3-Trichlorobenzene       | ++++<br>0.7547   | 0.8585<br>0.6977 | 0.7023 | 0.7466 | 0.7392 | Ave           |             | 0.749<br>8 |    |   |         | 7.8  |   | 35.0        |               |   |                   |
| Dibromofluoromethane (Surr)  | 0.2307<br>0.2212 | 0.2280<br>0.2184 | 0.1858 | 0.2196 | 0.2183 | Ave           |             | 0.217<br>4 |    |   |         | 6.8  |   | 35.0        |               |   |                   |
| 1,2-Dichloroethane-d4 (Surr) | 0.3106<br>0.3089 | 0.3104<br>0.3079 | 0.2565 | 0.2988 | 0.2996 | Ave           |             | 0.299<br>0 |    |   |         | 6.5  |   | 35.0        |               |   |                   |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

| ANALYTE              | RRF              |                  |        |        |        | CURVE<br>TYPE | COEFFICIENT |            |    | # | MIN RRF | %RSD | # | MAX<br>%RSD | R^2<br>OR COD | # | MIN R^2<br>OR COD |
|----------------------|------------------|------------------|--------|--------|--------|---------------|-------------|------------|----|---|---------|------|---|-------------|---------------|---|-------------------|
|                      | LVL 1            | LVL 2            | LVL 3  | LVL 4  | LVL 5  |               | B           | M1         | M2 |   |         |      |   |             |               |   |                   |
|                      | LVL 6            | LVL 7            |        |        |        |               |             |            |    |   |         |      |   |             |               |   |                   |
| Toluene-d8 (Surr)    | 1.0614<br>1.1300 | 1.0765<br>1.0989 | 0.9081 | 1.1162 | 1.0965 | Ave           |             | 1.069<br>6 |    |   |         | 7.0  |   | 35.0        |               |   |                   |
| 4-Bromofluorobenzene | 0.3593<br>0.3587 | 0.3657<br>0.3772 | 0.2999 | 0.3670 | 0.3570 | Ave           |             | 0.355<br>0 |    |   |         | 7.1  |   | 35.0        |               |   |                   |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

Calibration Files

|         |                     |              |
|---------|---------------------|--------------|
| LEVEL:  | LAB SAMPLE ID:      | LAB FILE ID: |
| Level 1 | STD7 460-871602/3   | J81262.D     |
| Level 2 | STD1 460-871602/4   | J81263.D     |
| Level 3 | STD5 460-871602/5   | J81264.D     |
| Level 4 | STD20 460-871602/6  | J81265.D     |
| Level 5 | STD50 460-871602/7  | J81266.D     |
| Level 6 | STD200 460-871602/8 | J81267.D     |
| Level 7 | STD500 460-871602/9 | J81268.D     |

| ANALYTE                               | IS<br>REF | CURVE<br>TYPE | RESPONSE        |                 |       |        |        | CONCENTRATION (UG/L) |                |       |       |       |
|---------------------------------------|-----------|---------------|-----------------|-----------------|-------|--------|--------|----------------------|----------------|-------|-------|-------|
|                                       |           |               | LVL 1<br>LVL 6  | LVL 2<br>LVL 7  | LVL 3 | LVL 4  | LVL 5  | LVL 1<br>LVL 6       | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| Dichlorodifluoromethane               | FB        | Ave           | ++++<br>729408  | 3135<br>1850513 | 17424 | 64772  | 164101 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Chloromethane                         | FB        | Ave           | ++++<br>1002289 | 5140<br>2552636 | 24499 | 93533  | 234711 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Vinyl chloride                        | FB        | Ave           | ++++<br>648672  | 3554<br>1591757 | 16302 | 63880  | 159015 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Butadiene                             | FB        | Ave           | 809<br>627578   | 3290<br>1468363 | 16168 | 60887  | 148773 | 0.250<br>200         | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Bromomethane                          | FB        | Ave           | ++++<br>254644  | 1192<br>694129  | 5612  | 22670  | 56748  | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Chloroethane                          | FB        | Ave           | ++++<br>305622  | 1636<br>747795  | 8988  | 33037  | 78010  | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Trichlorofluoromethane                | FB        | Ave           | ++++<br>695233  | 3674<br>1695311 | 17621 | 67708  | 169536 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Pentane                               | FB        | Ave           | ++++<br>1558853 | 7463<br>3417145 | 47440 | 175847 | 411174 | ++++<br>400          | 2.00<br>1000   | 10.0  | 40.0  | 100   |
| Ethanol                               | TBAd<br>9 | Ave           | ++++<br>59052   | 343<br>167008   | 1672  | 7465   | 18619  | ++++<br>8000         | 40.0<br>20000  | 200   | 800   | 2000  |
| Ethyl ether                           | FB        | Ave           | ++++<br>404180  | 2101<br>923063  | 9784  | 42021  | 103598 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 2-Methyl-1,3-butadiene                | FB        | Ave           | ++++<br>486738  | 2706<br>1136977 | 13635 | 50915  | 128379 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | FB        | Ave           | ++++<br>405461  | 2032<br>975662  | 10924 | 41509  | 103015 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

| ANALYTE                  | IS<br>REF | CURVE<br>TYPE | RESPONSE        |                 |       |        |        | CONCENTRATION (UG/L) |                |       |       |       |
|--------------------------|-----------|---------------|-----------------|-----------------|-------|--------|--------|----------------------|----------------|-------|-------|-------|
|                          |           |               | LVL 1<br>LVL 6  | LVL 2<br>LVL 7  | LVL 3 | LVL 4  | LVL 5  | LVL 1<br>LVL 6       | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| Acrolein                 | TBAd<br>9 | Ave           | ++++<br>72291   | 1455<br>141694  | 6575  | 11907  | 35021  | ++++<br>200          | 4.00<br>400    | 20.0  | 40.0  | 100   |
| 1,1-Dichloroethene       | FB        | Ave           | ++++<br>383118  | 2462<br>934657  | 10419 | 40293  | 98642  | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Acetone                  | BUT       | Ave           | ++++<br>846983  | 4181<br>1990820 | 17697 | 69593  | 184664 | ++++<br>1000         | 5.00<br>2500   | 25.0  | 100   | 250   |
| Iodomethane              | FB        | Lin2          | ++++<br>521096  | 1661<br>1268801 | 6937  | 38539  | 116770 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Isopropyl alcohol        | TBAd<br>9 | Ave           | ++++<br>206503  | 737<br>581800   | 4753  | 18494  | 58764  | ++++<br>2000         | 10.0<br>5000   | 50.0  | 200   | 500   |
| Carbon disulfide         | FB        | Ave           | ++++<br>1494626 | 8234<br>3557940 | 36178 | 150419 | 388233 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 3-Chloro-1-propene       | FB        | Ave           | ++++<br>274694  | 1701<br>617231  | 7128  | 29320  | 71984  | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Methyl acetate           | FB        | Ave           | ++++<br>790377  | 4293<br>1830598 | 18802 | 79558  | 209052 | ++++<br>400          | 2.00<br>1000   | 10.0  | 40.0  | 100   |
| Acetonitrile             | TBAd<br>9 | Ave           | ++++<br>509290  | 2159<br>1564806 | 11227 | 48527  | 136774 | ++++<br>2000         | 10.0<br>5000   | 50.0  | 200   | 500   |
| Methylene Chloride       | FB        | Ave           | ++++<br>485161  | 2897<br>1182036 | 12771 | 50896  | 122912 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 2-Methyl-2-propanol      | TBAd<br>9 | Ave           | ++++<br>299960  | 1572<br>836237  | 6888  | 28129  | 82405  | ++++<br>2000         | 10.0<br>5000   | 50.0  | 200   | 500   |
| Methyl tert-butyl ether  | FB        | Ave           | ++++<br>1296415 | 6436<br>3098875 | 29418 | 126213 | 331676 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| trans-1,2-Dichloroethene | FB        | Ave           | ++++<br>435927  | 2817<br>1056563 | 11789 | 44943  | 111993 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Acrylonitrile            | TBAd<br>9 | Ave           | 1806<br>1797357 | 9288<br>3980971 | 44070 | 186525 | 477492 | 2.00<br>2000         | 10.0<br>5000   | 50.0  | 200   | 500   |
| Hexane                   | FB        | Ave           | ++++<br>591478  | 2681<br>1367564 | 14985 | 60667  | 152063 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Isopropyl ether          | FB        | Ave           | ++++            | 9332            | 46632 | 197494 | 510990 | ++++                 | 1.00           | 5.00  | 20.0  | 50.0  |

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

| ANALYTE                | IS REF     | CURVE TYPE | RESPONSE        |                  |       |        |        | CONCENTRATION (UG/L) |                |       |       |       |
|------------------------|------------|------------|-----------------|------------------|-------|--------|--------|----------------------|----------------|-------|-------|-------|
|                        |            |            | LVL 1<br>LVL 6  | LVL 2<br>LVL 7   | LVL 3 | LVL 4  | LVL 5  | LVL 1<br>LVL 6       | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
|                        |            |            | 2003793         | 4614135          |       |        |        | 200                  | 500            |       |       |       |
| 1,1-Dichloroethane     | FB         | Ave        | ++++<br>998356  | 5781<br>2299176  | 27661 | 104968 | 261202 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Vinyl acetate          | FB         | Ave        | ++++<br>2479096 | 12134<br>5169943 | 62993 | 266416 | 637251 | ++++<br>400          | 2.00<br>1000   | 10.0  | 40.0  | 100   |
| 2,2-Dichloropropane    | FB         | Ave        | ++++<br>244978  | 1869<br>601291   | 6392  | 24706  | 62081  | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| cis-1,2-Dichloroethene | FB         | Ave        | ++++<br>489556  | 2963<br>1197715  | 13004 | 49548  | 123461 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 2-Butanone (MEK)       | BUT        | Ave        | ++++<br>241063  | 1254<br>579102   | 5342  | 21476  | 54251  | ++++<br>1000         | 5.00<br>2500   | 25.0  | 100   | 250   |
| Ethyl acetate          | BUT        | Ave        | ++++<br>101093  | 460<br>253434    | 2157  | 9516   | 24524  | ++++<br>400          | 2.00<br>1000   | 10.0  | 40.0  | 100   |
| Chlorobromomethane     | FB         | Ave        | ++++<br>209701  | 1415<br>513653   | 5485  | 22138  | 54682  | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Tetrahydrofuran        | BUT        | Ave        | ++++<br>97840   | 326<br>229080    | 2437  | 9771   | 24978  | ++++<br>400          | 2.00<br>1000   | 10.0  | 40.0  | 100   |
| Chloroform             | FB         | Ave        | ++++<br>881586  | 5159<br>2028735  | 23510 | 91370  | 225331 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Cyclohexane            | FB         | Ave        | ++++<br>552748  | 2911<br>1328328  | 15181 | 57310  | 141932 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 1,1,1-Trichloroethane  | FB         | Ave        | ++++<br>711163  | 3942<br>1733938  | 18272 | 71090  | 176527 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Carbon tetrachloride   | FB         | Ave        | ++++<br>584066  | 2892<br>1484179  | 14263 | 56094  | 142869 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 1,1-Dichloropropene    | FB         | Ave        | ++++<br>683826  | 3598<br>1715702  | 17277 | 69378  | 173240 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Benzene                | CBNZ<br>d5 | Ave        | ++++<br>1877633 | 11308<br>4554246 | 49674 | 198090 | 492802 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Isopropyl acetate      | FB         | Ave        | ++++<br>1518941 | 6929<br>3686419  | 33852 | 144954 | 387065 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 1,2-Dichloroethane     | FB         | Ave        | ++++<br>750759  | 4268<br>1855837  | 19199 | 77775  | 189915 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| n-Heptane              | FB         | Ave        | ++++<br>229923  | 1252<br>548849   | 5721  | 22700  | 57755  | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

| ANALYTE                     | IS REF  | CURVE TYPE | RESPONSE        |                  |       |        |        | CONCENTRATION (UG/L) |                |       |       |       |
|-----------------------------|---------|------------|-----------------|------------------|-------|--------|--------|----------------------|----------------|-------|-------|-------|
|                             |         |            | LVL 1<br>LVL 6  | LVL 2<br>LVL 7   | LVL 3 | LVL 4  | LVL 5  | LVL 1<br>LVL 6       | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| n-Butanol                   | TBAd 9  | Ave        | ++++<br>196784  | 585<br>578875    | 3863  | 17245  | 55587  | ++++<br>5000         | 25.0<br>12500  | 125   | 500   | 1250  |
| Trichloroethene             | FB      | Ave        | ++++<br>489095  | 3113<br>1231962  | 12567 | 48315  | 124583 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Methylcyclohexane           | FB      | Ave        | ++++<br>595387  | 2758<br>1432134  | 14924 | 59856  | 150147 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Ethyl acrylate              | FB      | Ave        | ++++<br>1261596 | 6488<br>3038171  | 29444 | 122785 | 321873 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 1,2-Dichloropropane         | FB      | Ave        | ++++<br>586171  | 3583<br>1435525  | 15072 | 60458  | 149051 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Methyl methacrylate         | FB      | Ave        | ++++<br>191705  | 937<br>479117    | 4325  | 18376  | 47148  | ++++<br>400          | 2.00<br>1000   | 10.0  | 40.0  | 100   |
| 1,4-Dioxane                 | DXE     | Ave        | ++++<br>55365   | 443<br>174106    | 1656  | 5130   | 16143  | ++++<br>4000         | 50.0<br>10000  | 100   | 400   | 1000  |
| Dibromomethane              | FB      | Ave        | ++++<br>322712  | 2034<br>809742   | 8071  | 32438  | 81852  | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| n-Propyl acetate            | FB      | Ave        | ++++<br>814239  | 3872<br>2037619  | 16727 | 76992  | 204392 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Dichlorobromomethane        | FB      | Ave        | ++++<br>694794  | 3667<br>1804834  | 16281 | 66063  | 167544 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 2-Chloroethyl vinyl ether   | FB      | Ave        | ++++<br>363490  | 1622<br>911082   | 7983  | 32686  | 89247  | ++++<br>200          | 1.00<br>501    | 5.01  | 20.0  | 50.1  |
| Epichlorohydrin             | BUT     | Ave        | 1218<br>987405  | 4017<br>2438316  | 21548 | 88675  | 239367 | 5.00<br>4000         | 20.0<br>10000  | 100   | 400   | 1000  |
| cis-1,3-Dichloropropene     | CBNZ d5 | Ave        | ++++<br>966856  | 4660<br>2450122  | 22120 | 92114  | 234776 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 4-Methyl-2-pentanone (MIBK) | BUT     | Ave        | ++++<br>2926389 | 13211<br>6818163 | 64689 | 280021 | 719589 | ++++<br>1000         | 5.00<br>2500   | 25.0  | 100   | 250   |
| Toluene                     | CBNZ d5 | Ave        | ++++<br>2046949 | 11462<br>5050245 | 50271 | 204579 | 507992 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| trans-1,3-Dichloropropene   | CBNZ d5 | Ave        | ++++<br>887130  | 4063<br>2274666  | 18907 | 80082  | 210875 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

| ANALYTE                   | IS<br>REF  | CURVE<br>TYPE | RESPONSE        |                 |       |        |        | CONCENTRATION (UG/L) |                |       |       |       |
|---------------------------|------------|---------------|-----------------|-----------------|-------|--------|--------|----------------------|----------------|-------|-------|-------|
|                           |            |               | LVL 1<br>LVL 6  | LVL 2<br>LVL 7  | LVL 3 | LVL 4  | LVL 5  | LVL 1<br>LVL 6       | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| 1,1,2-Trichloroethane     | CBNZ<br>d5 | Ave           | ++++<br>446967  | 2214<br>1134865 | 10512 | 43294  | 108946 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Tetrachloroethene         | CBNZ<br>d5 | Ave           | ++++<br>433721  | 2248<br>1102554 | 10485 | 43218  | 106239 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 1,3-Dichloropropane       | CBNZ<br>d5 | Ave           | ++++<br>830225  | 4085<br>2040410 | 19381 | 81788  | 201831 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 2-Hexanone                | BUT        | Ave           | ++++<br>970278  | 4199<br>2320160 | 21600 | 87403  | 234708 | ++++<br>1000         | 5.00<br>2500   | 25.0  | 100   | 250   |
| n-Butyl acetate           | CBNZ<br>d5 | Ave           | ++++<br>987937  | 4845<br>2396191 | 23204 | 92982  | 245488 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Chlorodibromomethane      | CBNZ<br>d5 | Ave           | ++++<br>510623  | 2173<br>1331880 | 10015 | 43742  | 117568 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Ethylene Dibromide        | CBNZ<br>d5 | Ave           | ++++<br>475919  | 2448<br>1215875 | 11018 | 47055  | 117885 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Chlorobenzene             | CBNZ<br>d5 | Ave           | ++++<br>1229142 | 6763<br>3113658 | 30778 | 122710 | 308874 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Ethylbenzene              | CBNZ<br>d5 | Ave           | ++++<br>657252  | 3370<br>1656518 | 16314 | 63813  | 163350 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 1,1,1,2-Tetrachloroethane | CBNZ<br>d5 | Ave           | ++++<br>454722  | 2073<br>1185206 | 9762  | 40080  | 108277 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| m-Xylene & p-Xylene       | CBNZ<br>d5 | Ave           | ++++<br>781707  | 4514<br>2007832 | 19914 | 80463  | 202215 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| o-Xylene                  | CBNZ<br>d5 | Ave           | ++++<br>804180  | 4325<br>2020993 | 20522 | 82024  | 201515 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |



FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

| ANALYTE                      | IS REF  | CURVE TYPE | RESPONSE       |                |       |        |        | CONCENTRATION (UG/L) |                |       |       |       |
|------------------------------|---------|------------|----------------|----------------|-------|--------|--------|----------------------|----------------|-------|-------|-------|
|                              |         |            | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4  | LVL 5  | LVL 1<br>LVL 6       | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| n-Butyl acrylate             | CBNZ d5 | Ave        | +++++          | 2139           | 9588  | 40541  | 104902 | +++++                | 1.00           | 5.00  | 20.0  | 50.0  |
|                              |         |            | 421915         | 1086316        |       |        |        | 200                  | 500            |       |       |       |
| Styrene                      | CBNZ d5 | Ave        | +++++          | 7572           | 33366 | 139738 | 350671 | +++++                | 1.00           | 5.00  | 20.0  | 50.0  |
|                              |         |            | 1400273        | 3488106        |       |        |        | 200                  | 500            |       |       |       |
| Bromoform                    | CBNZ d5 | Ave        | +++++          | 1257           | 5762  | 26732  | 73334  | +++++                | 1.00           | 5.00  | 20.0  | 50.0  |
|                              |         |            | 337489         | 921147         |       |        |        | 200                  | 500            |       |       |       |
| Amyl acetate (mixed isomers) | DCBd 4  | Ave        | +++++          | 5671           | 27264 | 116915 | 291831 | +++++                | 1.00           | 5.00  | 20.0  | 50.0  |
|                              |         |            | 1152166        | 2911135        |       |        |        | 200                  | 500            |       |       |       |
| Isopropylbenzene             | CBNZ d5 | Ave        | +++++          | 10809          | 49904 | 197001 | 487486 | +++++                | 1.00           | 5.00  | 20.0  | 50.0  |
|                              |         |            | 1954403        | 4865564        |       |        |        | 200                  | 500            |       |       |       |
| Bromobenzene                 | DCBd 4  | Ave        | +++++          | 3090           | 13692 | 53347  | 132774 | +++++                | 1.00           | 5.00  | 20.0  | 50.0  |
|                              |         |            | 547850         | 1422418        |       |        |        | 200                  | 500            |       |       |       |
| 1,1,2,2-Tetrachloroethane    | DCBd 4  | Ave        | +++++          | 3276           | 15731 | 65677  | 163403 | +++++                | 1.00           | 5.00  | 20.0  | 50.0  |
|                              |         |            | 672005         | 1730998        |       |        |        | 200                  | 500            |       |       |       |
| N-Propylbenzene              | DCBd 4  | Ave        | +++++          | 14337          | 64960 | 259677 | 650039 | +++++                | 1.00           | 5.00  | 20.0  | 50.0  |
|                              |         |            | 2542113        | 6123342        |       |        |        | 200                  | 500            |       |       |       |
| 1,2,3-Trichloropropane       | DCBd 4  | Ave        | +++++          | 785            | 3628  | 13508  | 34837  | +++++                | 1.00           | 5.00  | 20.0  | 50.0  |
|                              |         |            | 144668         | 376478         |       |        |        | 200                  | 500            |       |       |       |
| 2-Chlorotoluene              | DCBd 4  | Ave        | +++++          | 9953           | 45940 | 184924 | 454681 | +++++                | 1.00           | 5.00  | 20.0  | 50.0  |
|                              |         |            | 1837011        | 4669756        |       |        |        | 200                  | 500            |       |       |       |
| 1,3,5-Trimethylbenzene       | DCBd 4  | Ave        | +++++          | 9241           | 43118 | 169505 | 420309 | +++++                | 1.00           | 5.00  | 20.0  | 50.0  |
|                              |         |            | 1752352        | 4376970        |       |        |        | 200                  | 500            |       |       |       |
| 4-Chlorotoluene              | DCBd 4  | Ave        | +++++          | 9700           | 44154 | 175178 | 439529 | +++++                | 1.00           | 5.00  | 20.0  | 50.0  |
|                              |         |            | 1814584        | 4457934        |       |        |        | 200                  | 500            |       |       |       |

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

| ANALYTE                     | IS<br>REF | CURVE<br>TYPE | RESPONSE        |                  |       |        |        | CONCENTRATION (UG/L) |                |       |       |       |
|-----------------------------|-----------|---------------|-----------------|------------------|-------|--------|--------|----------------------|----------------|-------|-------|-------|
|                             |           |               | LVL 1<br>LVL 6  | LVL 2<br>LVL 7   | LVL 3 | LVL 4  | LVL 5  | LVL 1<br>LVL 6       | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| Butyl Methacrylate          | DCBd<br>4 | Ave           | ++++<br>713743  | 3227<br>1857726  | 15963 | 66185  | 168959 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| tert-Butylbenzene           | DCBd<br>4 | Ave           | ++++<br>1293495 | 7090<br>3262653  | 32388 | 130184 | 322907 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 1,2,4-Trimethylbenzene      | DCBd<br>4 | Ave           | ++++<br>1860268 | 9639<br>4639682  | 44439 | 180961 | 456709 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| sec-Butylbenzene            | DCBd<br>4 | Ave           | ++++<br>1929650 | 10628<br>4833209 | 49635 | 195651 | 491806 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 1,3-Dichlorobenzene         | DCBd<br>4 | Ave           | ++++<br>1010832 | 5282<br>2557865  | 24283 | 97090  | 245368 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 4-Isopropyltoluene          | DCBd<br>4 | Ave           | ++++<br>1664901 | 8677<br>4071140  | 39960 | 161116 | 411794 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 1,4-Dichlorobenzene         | DCBd<br>4 | Ave           | ++++<br>1050024 | 5594<br>2689129  | 25252 | 101985 | 254577 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 1,2,3-Trimethylbenzene      | DCBd<br>4 | Ave           | ++++<br>1969152 | 10058<br>4957957 | 47814 | 191974 | 482150 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| Benzyl chloride             | DCBd<br>4 | Ave           | ++++<br>1245583 | 4529<br>3276591  | 22201 | 98468  | 274141 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| n-Butylbenzene              | DCBd<br>4 | Ave           | ++++<br>928253  | 4918<br>2293278  | 22902 | 89665  | 226774 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 1,2-Dichlorobenzene         | DCBd<br>4 | Ave           | ++++<br>1009974 | 5246<br>2589395  | 24024 | 96116  | 240378 | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |
| 1,2-Dibromo-3-Chloropropane | DCBd<br>4 | Ave           | ++++<br>114907  | 464<br>309301    | 2444  | 9639   | 25589  | ++++<br>200          | 1.00<br>500    | 5.00  | 20.0  | 50.0  |

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

| ANALYTE                      | IS<br>REF  | CURVE<br>TYPE | RESPONSE       |                |        |        |        | CONCENTRATION (UG/L) |                |       |       |       |
|------------------------------|------------|---------------|----------------|----------------|--------|--------|--------|----------------------|----------------|-------|-------|-------|
|                              |            |               | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3  | LVL 4  | LVL 5  | LVL 1<br>LVL 6       | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| 1,2,4-Trichlorobenzene       | DCBd<br>4  | Ave           | +++++          | 3554           | 14881  | 61096  | 157773 | +++++                | 1.00           | 5.00  | 20.0  | 50.0  |
|                              |            |               | 661790         | 1688922        |        |        |        | 200                  | 500            |       |       |       |
| Hexachlorobutadiene          | DCBd<br>4  | Ave           | +++++          | 1153           | 5594   | 21498  | 52806  | +++++                | 1.00           | 5.00  | 20.0  | 50.0  |
|                              |            |               | 220516         | 601278         |        |        |        | 200                  | 500            |       |       |       |
| Naphthalene                  | DCBd<br>4  | Ave           | +++++          | 8962           | 38845  | 160166 | 415085 | +++++                | 1.00           | 5.00  | 20.0  | 50.0  |
|                              |            |               | 1694112        | 4325742        |        |        |        | 200                  | 500            |       |       |       |
| 1,2,3-Trichlorobenzene       | DCBd<br>4  | Ave           | +++++          | 3246           | 13311  | 56533  | 144726 | +++++                | 1.00           | 5.00  | 20.0  | 50.0  |
|                              |            |               | 613422         | 1598850        |        |        |        | 200                  | 500            |       |       |       |
| Dibromofluoromethane (Surr)  | FB         | Ave           | 103108         | 100153         | 84338  | 101089 | 102265 | 50.0                 | 50.0           | 50.0  | 50.0  | 50.0  |
|                              |            |               | 104303         | 107724         |        |        |        | 50.0                 | 50.0           |       |       |       |
| 1,2-Dichloroethane-d4 (Surr) | FB         | Ave           | 138853         | 136337         | 116439 | 137585 | 140365 | 50.0                 | 50.0           | 50.0  | 50.0  | 50.0  |
|                              |            |               | 145667         | 151860         |        |        |        | 50.0                 | 50.0           |       |       |       |
| Toluene-d8 (Surr)            | CBNZ<br>d5 | Ave           | 372868         | 372297         | 312172 | 384192 | 393919 | 50.0                 | 50.0           | 50.0  | 50.0  | 50.0  |
|                              |            |               | 409084         | 425746         |        |        |        | 50.0                 | 50.0           |       |       |       |
| 4-Bromofluorobenzene         | CBNZ<br>d5 | Ave           | 126223         | 126472         | 103084 | 126311 | 128266 | 50.0                 | 50.0           | 50.0  | 50.0  | 50.0  |
|                              |            |               | 129852         | 146141         |        |        |        | 50.0                 | 50.0           |       |       |       |

Curve Type Legend

Ave = Average ISTD  
Lin2 = Linear 1/conc^2 ISTD

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
READBACK PERCENT ERROR

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

Calibration Files

|         |                     |              |
|---------|---------------------|--------------|
| LEVEL:  | LAB SAMPLE ID:      | LAB FILE ID: |
| Level 1 | STD7 460-871602/3   | J81262.D     |
| Level 2 | STD1 460-871602/4   | J81263.D     |
| Level 3 | STD5 460-871602/5   | J81264.D     |
| Level 4 | STD20 460-871602/6  | J81265.D     |
| Level 5 | STD50 460-871602/7  | J81266.D     |
| Level 6 | STD200 460-871602/8 | J81267.D     |
| Level 7 | STD500 460-871602/9 | J81268.D     |

| ANALYTE                               | PERCENT ERROR      |         |         |         |         |         | PERCENT ERROR LIMIT |       |       |       |       |       |
|---------------------------------------|--------------------|---------|---------|---------|---------|---------|---------------------|-------|-------|-------|-------|-------|
|                                       | LVL 1 #<br>LVL 7 # | LVL 2 # | LVL 3 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1<br>LVL 7      | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 6 |
| Dichlorodifluoromethane               | ++++<br>2.1        | -2.9    | 4.5     | -4.3    | -4.7    | 5.2     | 30                  | 50    | 30    | 30    | 30    | 30    |
| Chloromethane                         | ++++<br>-2.4       | 10.3    | 1.8     | -4.3    | -5.6    | 0.2     | 30                  | 50    | 30    | 30    | 30    | 30    |
| Vinyl chloride                        | ++++<br>-8.5       | 14.7    | 1.8     | -1.7    | -3.8    | -2.5    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Butadiene                             | 6.9<br>-12.1       | 10.6    | 5.2     | -2.4    | -6.3    | -1.8    | 50<br>30            | 30    | 30    | 30    | 30    | 30    |
| Bromomethane                          | ++++<br>8.4        | 4.5     | -4.8    | -5.2    | -6.7    | 3.9     | 30                  | 50    | 30    | 30    | 30    | 30    |
| Chloroethane                          | ++++<br>-12.8      | 7.0     | 13.8    | 3.1     | -4.3    | -6.9    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Trichlorofluoromethane                | ++++<br>-8.3       | 11.6    | 3.6     | -1.9    | -3.4    | -1.6    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Pentane                               | ++++<br>-20.8      | -2.8    | 19.5    | 9.2     | 0.4     | -5.5    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Ethanol                               | ++++<br>-10.5      | 9.0     | 4.9     | 14.0    | 2.5     | -19.9   | 30                  | 50    | 30    | 30    | 30    | 30    |
| Ethyl ether                           | ++++<br>-14.0      | 9.9     | -0.9    | 4.9     | 1.6     | -1.5    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 2-Methyl-1,3-butadiene                | ++++<br>-16.0      | 12.2    | 9.4     | 0.7     | -0.2    | -6.0    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ++++<br>-10.8      | 4.3     | 8.6     | 1.7     | -0.8    | -3.0    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Acrolein                              | ++++<br>-4.9       | 15.8    | 3.3     | -8.9    | -3.4    | -1.7    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,1-Dichloroethene                    | ++++<br>-14.6      | 26.3    | 3.4     | -1.4    | -5.1    | -8.5    | 30                  | 50    | 30    | 30    | 30    | 30    |

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
READBACK PERCENT ERROR

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

| ANALYTE                  | PERCENT ERROR      |         |         |         |         |         | PERCENT ERROR LIMIT |       |       |       |       |       |
|--------------------------|--------------------|---------|---------|---------|---------|---------|---------------------|-------|-------|-------|-------|-------|
|                          | LVL 1 #<br>LVL 7 # | LVL 2 # | LVL 3 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1<br>LVL 7      | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 6 |
| Acetone                  | ++++<br>-3.1       | 20.6    | -1.3    | -8.0    | -9.8    | 1.5     | 30                  | 50    | 30    | 30    | 30    | 30    |
| Iodomethane              | ++++<br>9.4        | 6.2     | -29.9   | -9.8    | 6.5     | 17.5    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Isopropyl alcohol        | ++++<br>8.1        | -18.8   | 3.4     | -2.1    | 12.2    | -2.8    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Carbon disulfide         | ++++<br>-11.6      | 14.9    | -2.3    | 0.1     | 1.6     | -2.9    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 3-Chloro-1-propene       | ++++<br>-19.6      | 24.3    | 0.9     | 2.2     | -1.3    | -6.5    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Methyl acetate           | ++++<br>-13.4      | 14.0    | -3.3    | 0.8     | 4.1     | -2.2    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Acetonitrile             | ++++<br>14.0       | -6.8    | -4.3    | 0.7     | 2.4     | -6.0    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Methylene Chloride       | ++++<br>-12.7      | 20.2    | 2.5     | 0.7     | -4.4    | -6.3    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 2-Methyl-2-propanol      | ++++<br>0.7        | 12.2    | -2.9    | -3.5    | 2.0     | -8.5    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Methyl tert-butyl ether  | ++++<br>-7.8       | 7.5     | -4.9    | 0.5     | 3.9     | 0.8     | 30                  | 50    | 30    | 30    | 30    | 30    |
| trans-1,2-Dichloroethene | ++++<br>-14.8      | 27.5    | 3.3     | -3.0    | -4.9    | -8.1    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Acrylonitrile            | 6.2<br>-19.7       | 11.1    | 4.1     | 7.3     | -1.0    | -8.1    | 50<br>30            | 30    | 30    | 30    | 30    | 30    |
| Hexane                   | ++++<br>-11.5      | -2.6    | 5.4     | 5.1     | 3.6     | 0.1     | 30                  | 50    | 30    | 30    | 30    | 30    |
| Isopropyl ether          | ++++<br>-10.2      | 2.0     | -1.4    | 2.9     | 4.7     | 2.0     | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,1-Dichloroethane       | ++++<br>-17.5      | 16.5    | 7.9     | 0.9     | -1.3    | -6.3    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Vinyl acetate            | ++++<br>-20.8      | 4.4     | 4.9     | 9.3     | 2.8     | -0.7    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 2,2-Dichloropropane      | ++++<br>-16.1      | 46.4    | -3.1    | -7.7    | -8.8    | -10.6   | 30                  | 50    | 30    | 30    | 30    | 30    |
| cis-1,2-Dichloroethene   | ++++<br>-12.2      | 22.0    | 3.6     | -2.7    | -4.7    | -6.1    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 2-Butanone (MEK)         | ++++<br>-5.0       | 21.9    | 0.5     | -4.3    | -10.6   | -2.6    | 30                  | 50    | 30    | 30    | 30    | 30    |

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
READBACK PERCENT ERROR

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

| ANALYTE               | PERCENT ERROR      |         |         |         |         |         | PERCENT ERROR LIMIT |       |       |       |       |       |
|-----------------------|--------------------|---------|---------|---------|---------|---------|---------------------|-------|-------|-------|-------|-------|
|                       | LVL 1 #<br>LVL 7 # | LVL 2 # | LVL 3 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1<br>LVL 7      | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 6 |
| Ethyl acetate         | ++++<br>-0.4       | 7.1     | -2.9    | 1.6     | -3.3    | -2.2    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Chlorobromomethane    | ++++<br>-14.9      | 31.6    | -1.2    | -1.8    | -4.6    | -9.1    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Tetrahydrofuran       | ++++<br>-5.8       | -20.5   | 14.9    | 9.2     | 3.1     | -0.9    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Chloroform            | ++++<br>-16.7      | 19.0    | 5.0     | 0.5     | -2.5    | -5.3    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Cyclohexane           | ++++<br>-12.3      | 7.9     | 8.9     | 1.3     | -1.3    | -4.6    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,1,1-Trichloroethane | ++++<br>-10.0      | 14.9    | 3.1     | -1.1    | -3.5    | -3.4    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Carbon tetrachloride  | ++++<br>-3.1       | 6.0     | 1.2     | -1.9    | -1.8    | -0.3    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,1-Dichloropropene   | ++++<br>-7.1       | 9.4     | 1.6     | 0.6     | -1.3    | -3.2    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Benzene               | ++++<br>-15.7      | 17.3    | 3.7     | 3.2     | -1.6    | -7.0    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Isopropyl acetate     | ++++<br>-4.6       | 0.7     | -4.8    | 0.5     | 5.5     | 2.8     | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,2-Dichloroethane    | ++++<br>-10.1      | 16.1    | 1.1     | 0.9     | -3.1    | -4.9    | 30                  | 50    | 30    | 30    | 30    | 30    |
| n-Heptane             | ++++<br>-10.8      | 14.3    | 1.1     | -1.2    | -1.2    | -2.3    | 30                  | 50    | 30    | 30    | 30    | 30    |
| n-Butanol             | ++++<br>18.2       | -29.2   | -7.7    | 0.3     | 16.6    | 1.7     | 30                  | 50    | 30    | 30    | 30    | 30    |
| Trichloroethene       | ++++<br>-10.2      | 27.4    | -0.4    | -5.7    | -4.4    | -6.8    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Methylcyclohexane     | ++++<br>-8.0       | -0.6    | 4.2     | 2.9     | 1.5     | 0.0     | 30                  | 50    | 30    | 30    | 30    | 30    |
| Ethyl acrylate        | ++++<br>-8.2       | 10.1    | -3.3    | -0.6    | 2.4     | -0.3    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,2-Dichloropropane   | ++++<br>-12.2      | 23.1    | 0.2     | -0.9    | -4.0    | -6.2    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Methyl methacrylate   | ++++<br>-3.0       | 6.5     | -4.9    | -0.4    | 0.4     | 1.4     | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,4-Dioxane           | ++++<br>-0.1       | -33.9   | 29.7    | -1.1    | 13.2    | -7.9    | 30                  | 50    | 30    | 30    | 30    | 30    |

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
READBACK PERCENT ERROR

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

| ANALYTE                     | PERCENT ERROR      |         |         |         |         |         | PERCENT ERROR LIMIT |       |       |       |       |       |
|-----------------------------|--------------------|---------|---------|---------|---------|---------|---------------------|-------|-------|-------|-------|-------|
|                             | LVL 1 #<br>LVL 7 # | LVL 2 # | LVL 3 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1<br>LVL 7      | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 6 |
| Dibromomethane              | ++++<br>-10.1      | 26.8    | -2.6    | -3.5    | -4.3    | -6.3    | 30                  | 50    | 30    | 30    | 30    | 30    |
| n-Propyl acetate            | ++++<br>-1.2       | 5.4     | -11.8   | 0.0     | 4.4     | 3.2     | 30                  | 50    | 30    | 30    | 30    | 30    |
| Dichlorobromomethane        | ++++<br>-1.4       | 12.5    | -3.3    | -3.3    | -3.6    | -0.8    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 2-Chloroethyl vinyl ether   | ++++<br>0.2        | 0.2     | -4.6    | -3.7    | 3.4     | 4.5     | 30                  | 50    | 30    | 30    | 30    | 30    |
| Epichlorohydrin             | 16.6<br>-2.1       | -4.4    | -0.9    | -3.3    | -3.5    | -2.4    | 50<br>30            | 30    | 30    | 30    | 30    | 30    |
| cis-1,3-Dichloropropene     | ++++<br>-3.7       | 2.6     | -2.0    | 1.9     | -0.5    | 1.7     | 30                  | 50    | 30    | 30    | 30    | 30    |
| 4-Methyl-2-pentanone (MIBK) | ++++<br>-7.2       | 6.5     | 0.9     | 3.5     | -1.7    | -1.9    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Toluene                     | ++++<br>-10.5      | 13.8    | 0.4     | 2.1     | -2.9    | -2.9    | 30                  | 50    | 30    | 30    | 30    | 30    |
| trans-1,3-Dichloropropene   | ++++<br>0.5        | 0.5     | -5.9    | -0.4    | 0.5     | 4.8     | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,1,2-Trichloroethane       | ++++<br>-4.7       | 4.1     | -0.6    | 2.3     | -1.4    | 0.4     | 30                  | 50    | 30    | 30    | 30    | 30    |
| Tetrachloroethene           | ++++<br>-6.4       | 6.9     | 0.3     | 3.3     | -2.7    | -1.5    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,3-Dichloropropane         | ++++<br>-7.3       | 3.9     | -0.8    | 4.5     | -1.2    | 0.9     | 30                  | 50    | 30    | 30    | 30    | 30    |
| 2-Hexanone                  | ++++<br>-3.3       | 3.6     | 3.1     | -1.1    | -1.9    | -0.5    | 30                  | 50    | 30    | 30    | 30    | 30    |
| n-Butyl acetate             | ++++<br>-8.0       | 4.2     | 0.4     | 0.4     | 1.6     | 1.5     | 30                  | 50    | 30    | 30    | 30    | 30    |
| Chlorodibromomethane        | ++++<br>5.9        | -3.2    | -10.2   | -2.1    | 0.9     | 8.7     | 30                  | 50    | 30    | 30    | 30    | 30    |
| Ethylene Dibromide          | ++++<br>-5.2       | 6.9     | -3.2    | 3.2     | -0.9    | -0.7    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Chlorobenzene               | ++++<br>-8.6       | 11.2    | 1.8     | 1.4     | -2.2    | -3.5    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Ethylbenzene                | ++++<br>-7.1       | 5.9     | 3.1     | 0.7     | -1.2    | -1.4    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,1,1,2-Tetrachloroethane   | ++++<br>2.2        | 0.1     | -5.1    | -2.7    | 0.7     | 4.9     | 30                  | 50    | 30    | 30    | 30    | 30    |

FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
READBACK PERCENT ERROR

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

| ANALYTE                      | PERCENT ERROR      |         |         |         |         |         | PERCENT ERROR LIMIT |       |       |       |       |       |
|------------------------------|--------------------|---------|---------|---------|---------|---------|---------------------|-------|-------|-------|-------|-------|
|                              | LVL 1 #<br>LVL 7 # | LVL 2 # | LVL 3 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1<br>LVL 7      | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 6 |
| m-Xylene & p-Xylene          | ++++<br>-9.5       | 13.9    | 1.1     | 2.0     | -1.7    | -5.8    | 30                  | 50    | 30    | 30    | 30    | 30    |
| o-Xylene                     | ++++<br>-9.4       | 8.6     | 3.6     | 3.4     | -2.6    | -3.6    | 30                  | 50    | 30    | 30    | 30    | 30    |
| n-Butyl acrylate             | ++++<br>-3.7       | 6.2     | -4.2    | 1.2     | 0.3     | 0.1     | 30                  | 50    | 30    | 30    | 30    | 30    |
| Styrene                      | ++++<br>-8.8       | 10.9    | -1.7    | 2.8     | -1.1    | -2.1    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Bromoform                    | ++++<br>17.1       | -10.5   | -17.5   | -4.4    | 0.5     | 14.8    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Amyl acetate (mixed isomers) | ++++<br>-12.0      | 3.9     | -0.3    | 7.0     | 3.3     | -1.8    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Isopropylbenzene             | ++++<br>-10.4      | 11.5    | 3.6     | 2.1     | -3.2    | -3.7    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Bromobenzene                 | ++++<br>-11.7      | 16.3    | 2.8     | 0.2     | -3.5    | -4.1    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,1,2,2-Tetrachloroethane    | ++++<br>-9.0       | 4.4     | 0.0     | 4.5     | 0.5     | -0.4    | 30                  | 50    | 30    | 30    | 30    | 30    |
| N-Propylbenzene              | ++++<br>-18.9      | 15.1    | 4.0     | 4.1     | 0.8     | -5.1    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,2,3-Trichloropropane       | ++++<br>-10.2      | 13.5    | 4.6     | -2.5    | -2.7    | -2.7    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 2-Chlorotoluene              | ++++<br>-13.4      | 11.9    | 3.0     | 3.8     | -1.3    | -4.0    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,3,5-Trimethylbenzene       | ++++<br>-13.0      | 11.3    | 3.6     | 2.0     | -2.2    | -1.8    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 4-Chlorotoluene              | ++++<br>-14.4      | 12.9    | 2.5     | 1.8     | -1.2    | -1.7    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Butyl Methacrylate           | ++++<br>-5.0       | 0.0     | -1.3    | 2.4     | 1.1     | 2.9     | 30                  | 50    | 30    | 30    | 30    | 30    |
| tert-Butylbenzene            | ++++<br>-14.3      | 12.9    | 2.9     | 3.5     | -0.7    | -4.2    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,2,4-Trimethylbenzene       | ++++<br>-12.8      | 9.8     | 1.0     | 2.9     | 0.5     | -1.4    | 30                  | 50    | 30    | 30    | 30    | 30    |
| sec-Butylbenzene             | ++++<br>-15.7      | 12.4    | 4.7     | 3.3     | 0.4     | -5.1    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,3-Dichlorobenzene          | ++++<br>-11.6      | 10.7    | 1.5     | 1.6     | -0.7    | -1.5    | 30                  | 50    | 30    | 30    | 30    | 30    |



FORM VI  
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA  
READBACK PERCENT ERROR

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

| ANALYTE                      | PERCENT ERROR      |         |         |         |         |         | PERCENT ERROR LIMIT |       |       |       |       |       |
|------------------------------|--------------------|---------|---------|---------|---------|---------|---------------------|-------|-------|-------|-------|-------|
|                              | LVL 1 #<br>LVL 7 # | LVL 2 # | LVL 3 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1<br>LVL 7      | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 6 |
| 4-Isopropyltoluene           | ++++<br>-14.4      | 10.5    | 1.5     | 2.5     | 1.3     | -1.4    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,4-Dichlorobenzene          | ++++<br>-11.2      | 12.0    | 0.9     | 2.0     | -1.6    | -2.2    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,2,3-Trimethylbenzene       | ++++<br>-12.1      | 8.1     | 2.5     | 3.0     | 0.1     | -1.6    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Benzyl chloride              | ++++<br>6.8        | -10.5   | -12.5   | -2.9    | 4.6     | 14.5    | 30                  | 50    | 30    | 30    | 30    | 30    |
| n-Butylbenzene               | ++++<br>-14.2      | 11.6    | 3.7     | 1.6     | -0.6    | -2.0    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,2-Dichlorobenzene          | ++++<br>-9.9       | 10.6    | 1.1     | 1.2     | -2.1    | -0.9    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,2-Dibromo-3-Chloropropane  | ++++<br>3.0        | -6.3    | -1.6    | -2.8    | -0.2    | 7.9     | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,2,4-Trichlorobenzene       | ++++<br>-9.6       | 15.4    | -3.6    | -1.0    | -1.1    | -0.1    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Hexachlorobutadiene          | ++++<br>-6.7       | 8.4     | 4.9     | 1.0     | -4.1    | -3.5    | 30                  | 50    | 30    | 30    | 30    | 30    |
| Naphthalene                  | ++++<br>-10.3      | 12.6    | -2.6    | 0.5     | 0.7     | -1.0    | 30                  | 50    | 30    | 30    | 30    | 30    |
| 1,2,3-Trichlorobenzene       | ++++<br>-7.0       | 14.5    | -6.3    | -0.4    | -1.4    | 0.7     | 30                  | 50    | 30    | 30    | 30    | 30    |
| Dibromofluoromethane (Surr)  | 6.1<br>0.5         | 4.9     | -14.5   | 1.0     | 0.4     | 1.7     | 50<br>30            | 30    | 30    | 30    | 30    | 30    |
| 1,2-Dichloroethane-d4 (Surr) | 3.9<br>3.0         | 3.8     | -14.2   | 0.0     | 0.2     | 3.3     | 50<br>30            | 30    | 30    | 30    | 30    | 30    |
| Toluene-d8 (Surr)            | -0.8<br>2.7        | 0.6     | -15.1   | 4.4     | 2.5     | 5.6     | 50<br>30            | 30    | 30    | 30    | 30    | 30    |
| 4-Bromofluorobenzene         | 1.2<br>6.3         | 3.0     | -15.5   | 3.4     | 0.6     | 1.0     | 50<br>30            | 30    | 30    | 30    | 30    | 30    |

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D  
 Lims ID: STD7  
 Client ID:  
 Sample Type: IC Calib Level: 7  
 Inject. Date: 12-Oct-2022 23:30:30 ALS Bottle#: 3 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD7  
 Misc. Info.: 460-0151655-003  
 Operator ID: Instrument ID: CVOAMS8  
 Sublist: chrom-8260\_W8\*sub61  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 14-Oct-2022 16:01:44 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1652

First Level Reviewer: HVW2

Date: 12-Oct-2022 23:54:00

| Compound                           | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|------------------------------------|-----|--------------|------------------|------------------|----|----------|-----------------|-------------------|-------|
| 8 Butadiene                        | 54  | 1.375        | 1.376            | -0.001           | 90 | 809      | 0.2500          | 0.2671            |       |
| * 30 TBA-d9 (IS)                   | 65  | 2.409        | 2.410            | -0.001           | 75 | 177682   | 1000.0          | 1000.0            |       |
| 35 Acrylonitrile                   | 53  | 2.641        | 2.635            | 0.006            | 86 | 1806     | 2.00            | 2.12              |       |
| * 43 2-Butanone-d5                 | 46  | 3.322        | 3.323            | -0.001           | 85 | 260052   | 250.0           | 250.0             |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.754        | 3.754            | 0.000            | 95 | 103108   | 50.0            | 53.0              |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.082        | 4.083            | -0.001           | 0  | 138853   | 50.0            | 52.0              |       |
| * 66 Fluorobenzene                 | 96  | 4.344        | 4.345            | -0.001           | 97 | 447005   | 50.0            | 50.0              |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.056        | 5.056            | 0.000            | 0  | 23304    | 1000.0          | 1000.0            |       |
| 80 Epichlorohydrin                 | 57  | 5.749        | 5.750            | -0.001           | 63 | 1218     | 5.00            | 5.83              |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.060        | 6.060            | 0.000            | 97 | 372868   | 50.0            | 49.6              |       |
| * 94 Chlorobenzene-d5              | 117 | 8.012        | 8.013            | -0.001           | 92 | 351311   | 50.0            | 50.0              |       |
| 96 Ethylbenzene                    | 106 | 8.158        | 8.153            | 0.005            | 1  | 71       |                 | 0.0220            |       |
| \$ 105 4-Bromofluorobenzene        | 174 | 9.332        | 9.333            | -0.001           | 84 | 126223   | 50.0            | 50.6              |       |
| * 121 1,4-Dichlorobenzene-d4       | 152 | 10.385       | 10.385           | 0.000            | 98 | 190101   | 50.0            | 50.0              |       |
| S 138 Total BTEX                   | 1   |              |                  |                  | 0  |          |                 | 0.0220            |       |

### QC Flag Legend

Processing Flags

**Reagents:**

|                     |                     |           |             |
|---------------------|---------------------|-----------|-------------|
| 8260MIX1COMB_00160  | Amount Added: 0.00  | Units: uL |             |
| 524freon_00058      | Amount Added: 0.00  | Units: uL |             |
| ACROLEIN W_00145    | Amount Added: 0.00  | Units: uL |             |
| GASES Li_00497      | Amount Added: 2.50  | Units: uL |             |
| 14DIOXINTER_00146   | Amount Added: 0.00  | Units: uL |             |
| GAS Hi_00426        | Amount Added: 0.00  | Units: uL |             |
| ACRY/EPIH MIX_00105 | Amount Added: 20.00 | Units: uL |             |
| MIX 2 Hi_00128      | Amount Added: 0.00  | Units: uL |             |
| MIX I Hi_00155      | Amount Added: 0.00  | Units: uL |             |
| 8FreonHi_00049      | Amount Added: 0.00  | Units: uL |             |
| Ethanol mix_00069   | Amount Added: 0.00  | Units: uL |             |
| 8260ISNEW_00171     | Amount Added: 1.00  | Units: uL | Run Reagent |
| 8260SURR250_00232   | Amount Added: 1.00  | Units: uL | Run Reagent |

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD7

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

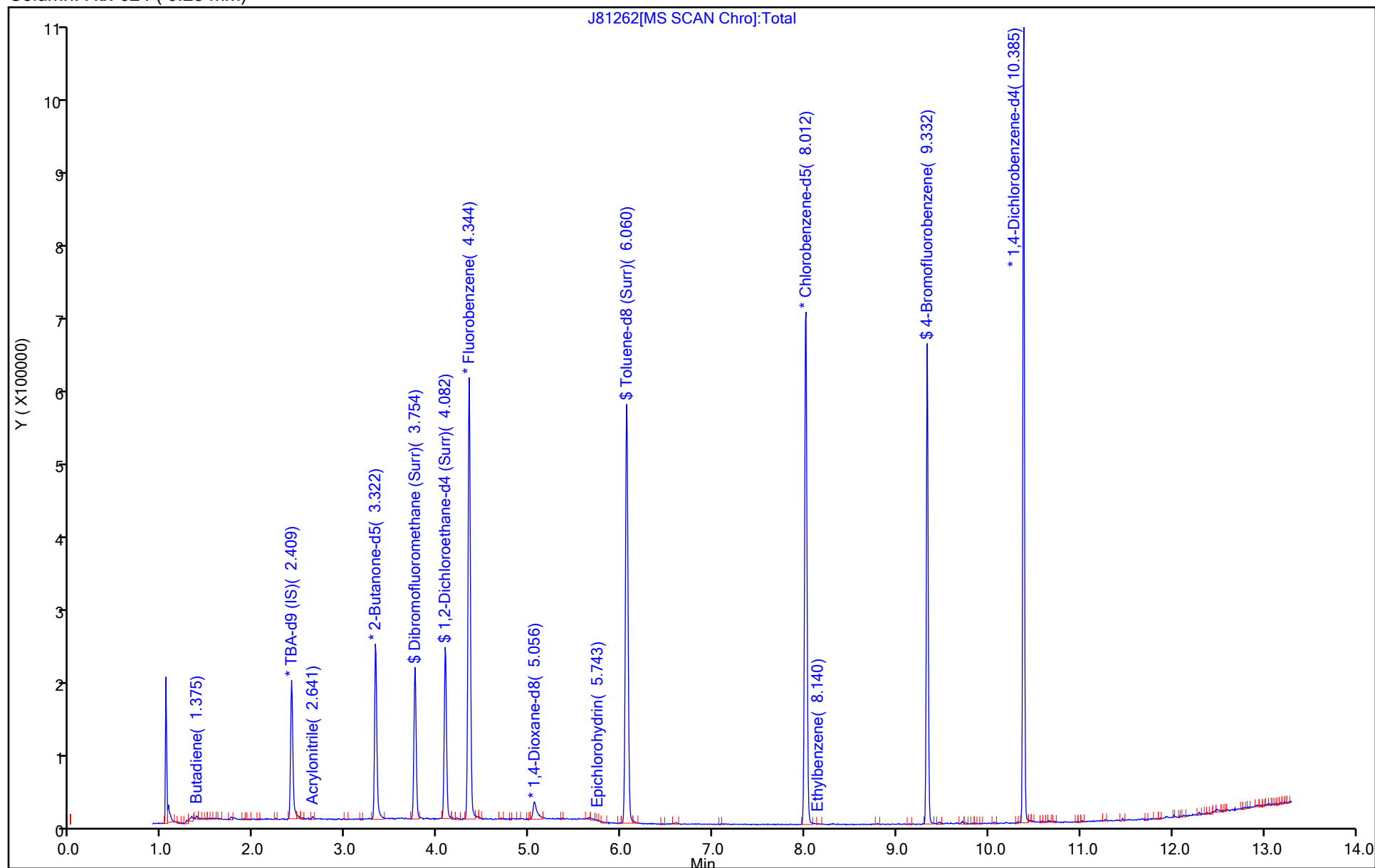
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

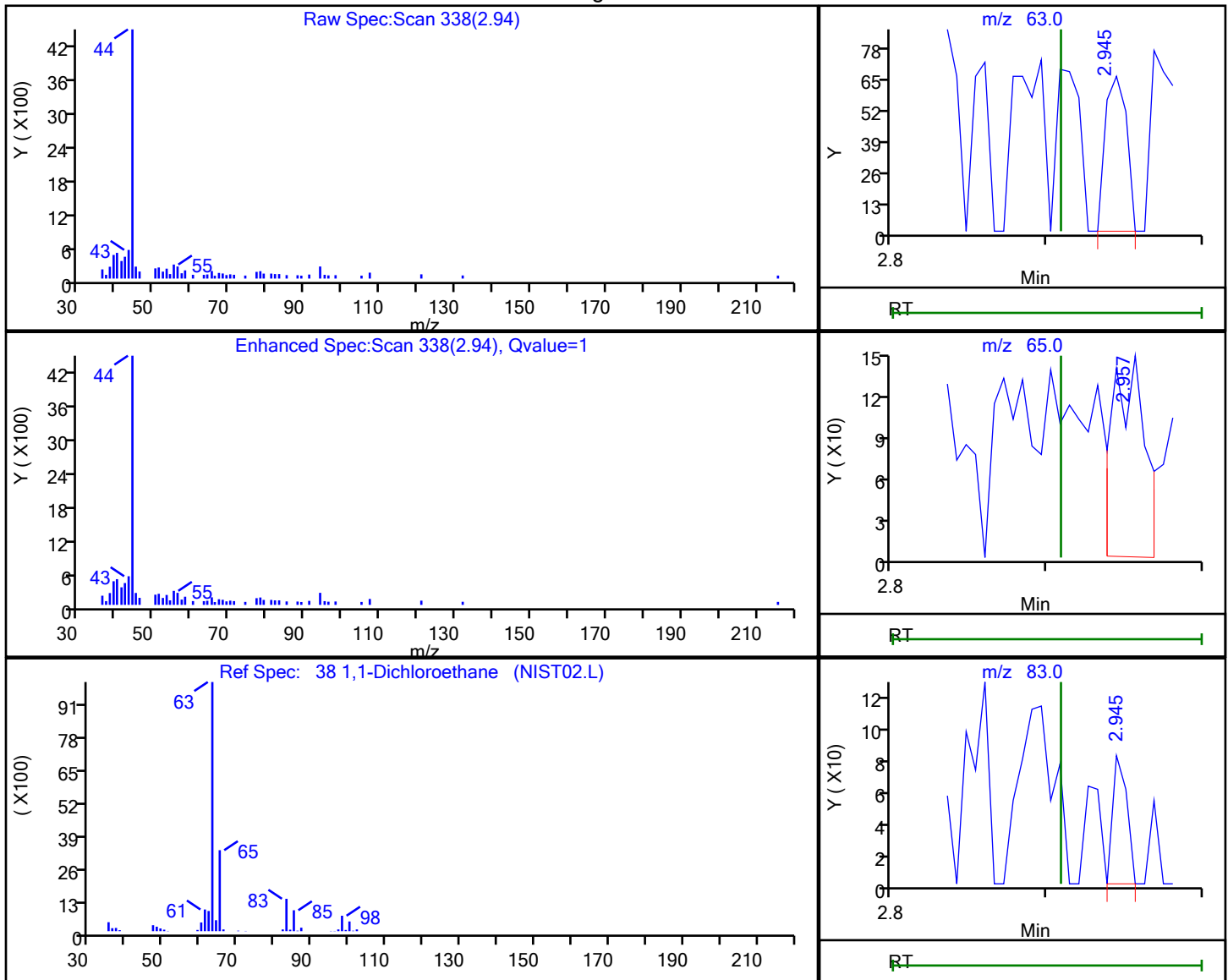
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 38 1,1-Dichloroethane, CAS: 75-34-3

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 2.94 | 63.00 | 63       | 0.012472 |
| 2.96 | 65.00 | 212      |          |
| 2.94 | 83.00 | 51       |          |

Reviewer: W9CM, 14-Oct-2022 15:01:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

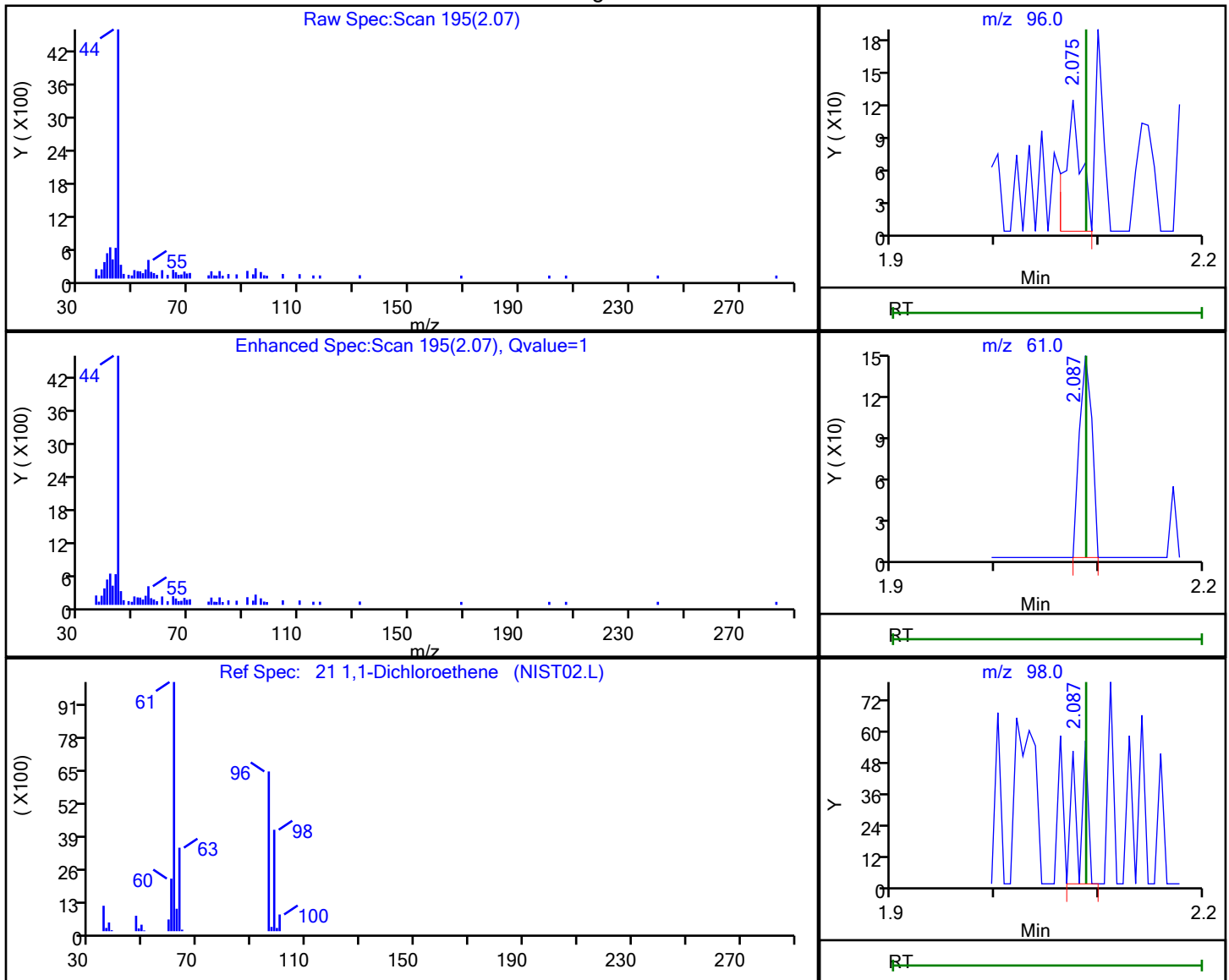
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

## 21 1,1-Dichloroethene, CAS: 75-35-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 2.07 | 96.00 | 124      | 0.062493 |
| 2.09 | 61.00 | 120      |          |
| 2.09 | 98.00 | 39       |          |
| 2.07 | 63.00 | 35       |          |

Reviewer: W9CM, 14-Oct-2022 15:00:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

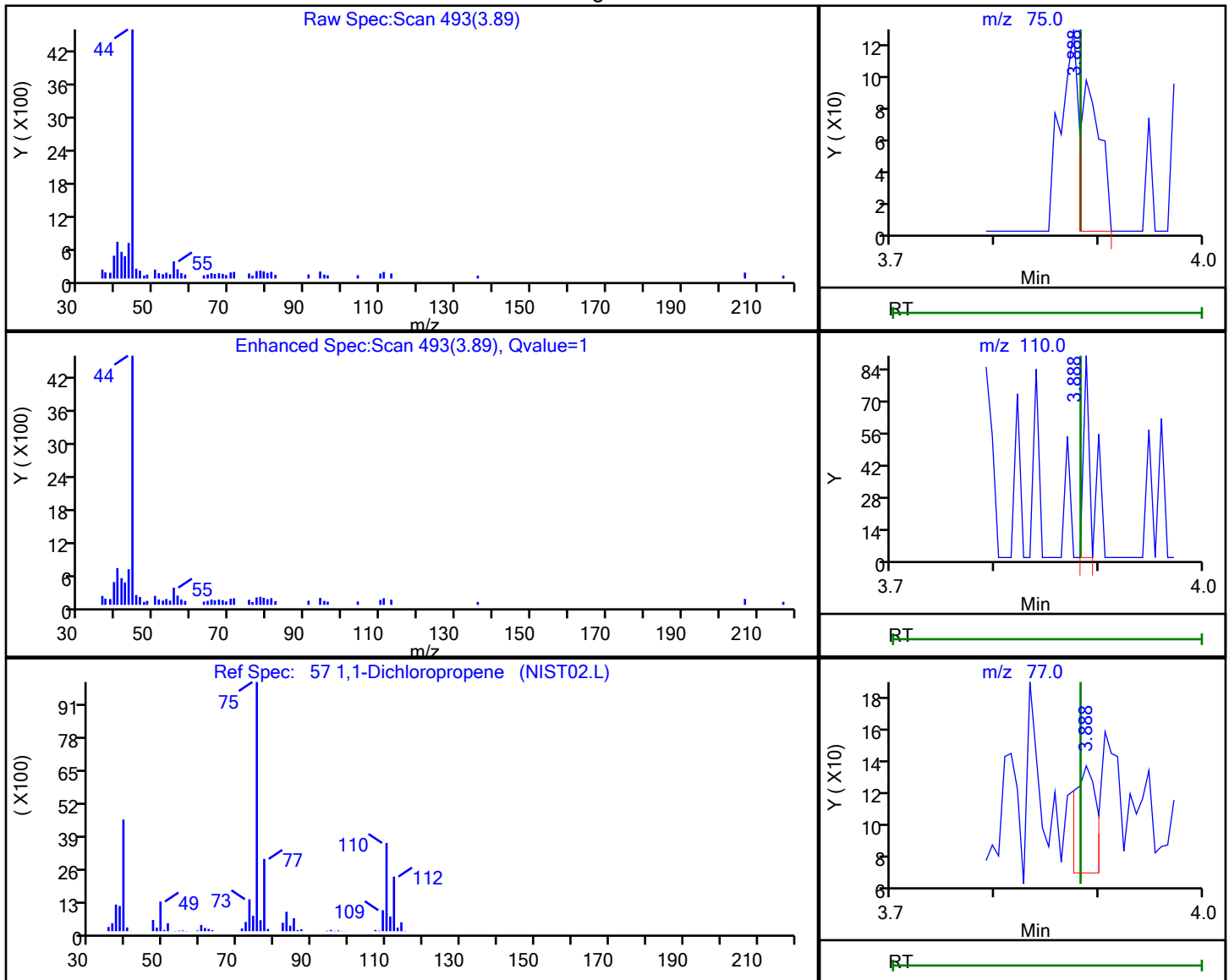
Column: Rtx-624 ( 0.25 mm)

Detector

MS SCAN

## 57 1,1-Dichloropropene, CAS: 563-58-6

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 3.89 | 75.00  | 124      | 0.037037 |
| 3.89 | 110.00 | 33       |          |
| 3.89 | 77.00  | 100      |          |

Reviewer: W9CM, 14-Oct-2022 15:02:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

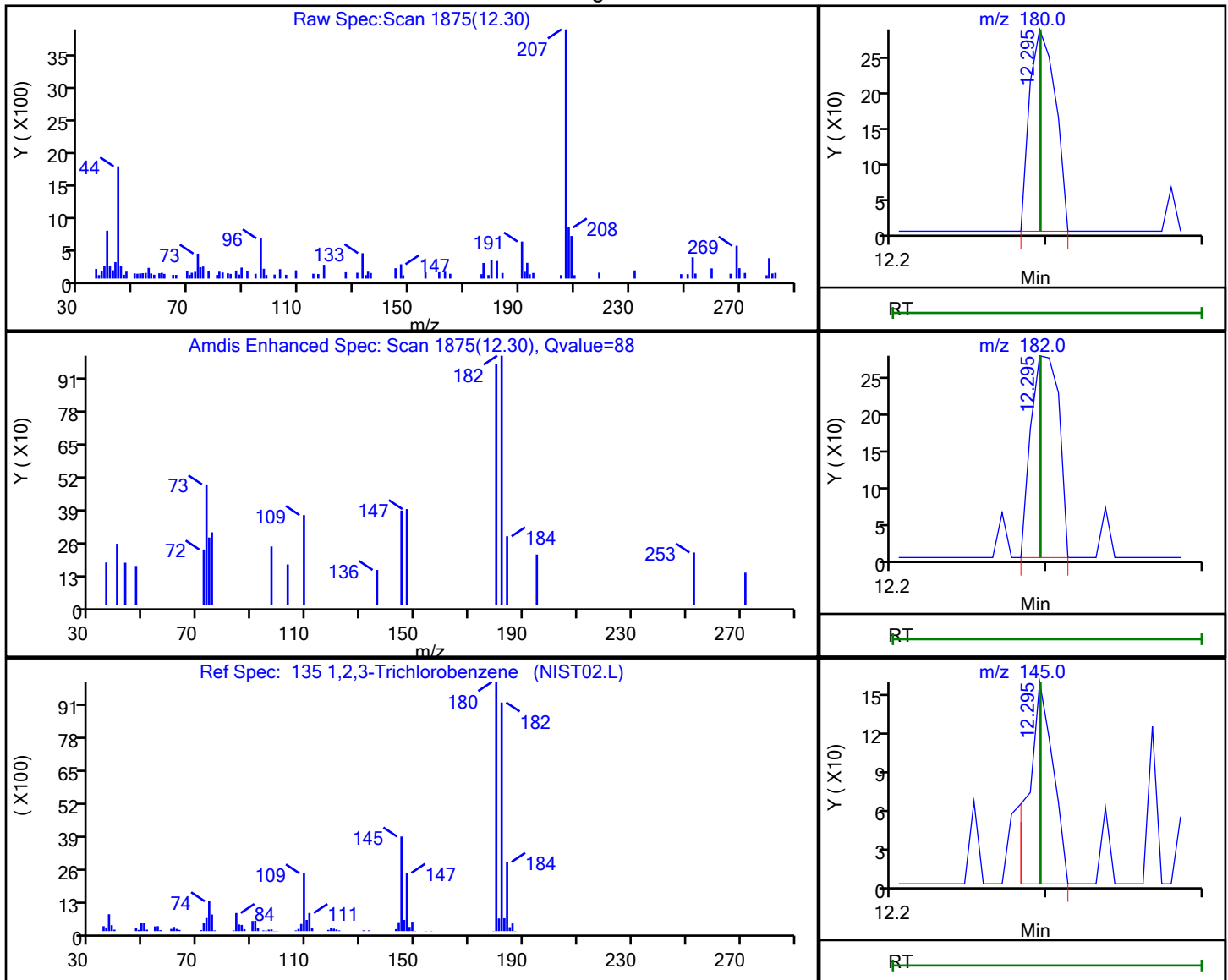
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 135 1,2,3-Trichlorobenzene, CAS: 87-61-6

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 12.30 | 180.00 | 331      | 0.116107 |
| 12.30 | 182.00 | 341      |          |
| 12.30 | 145.00 | 173      |          |

Reviewer: W9CM, 14-Oct-2022 15:03:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

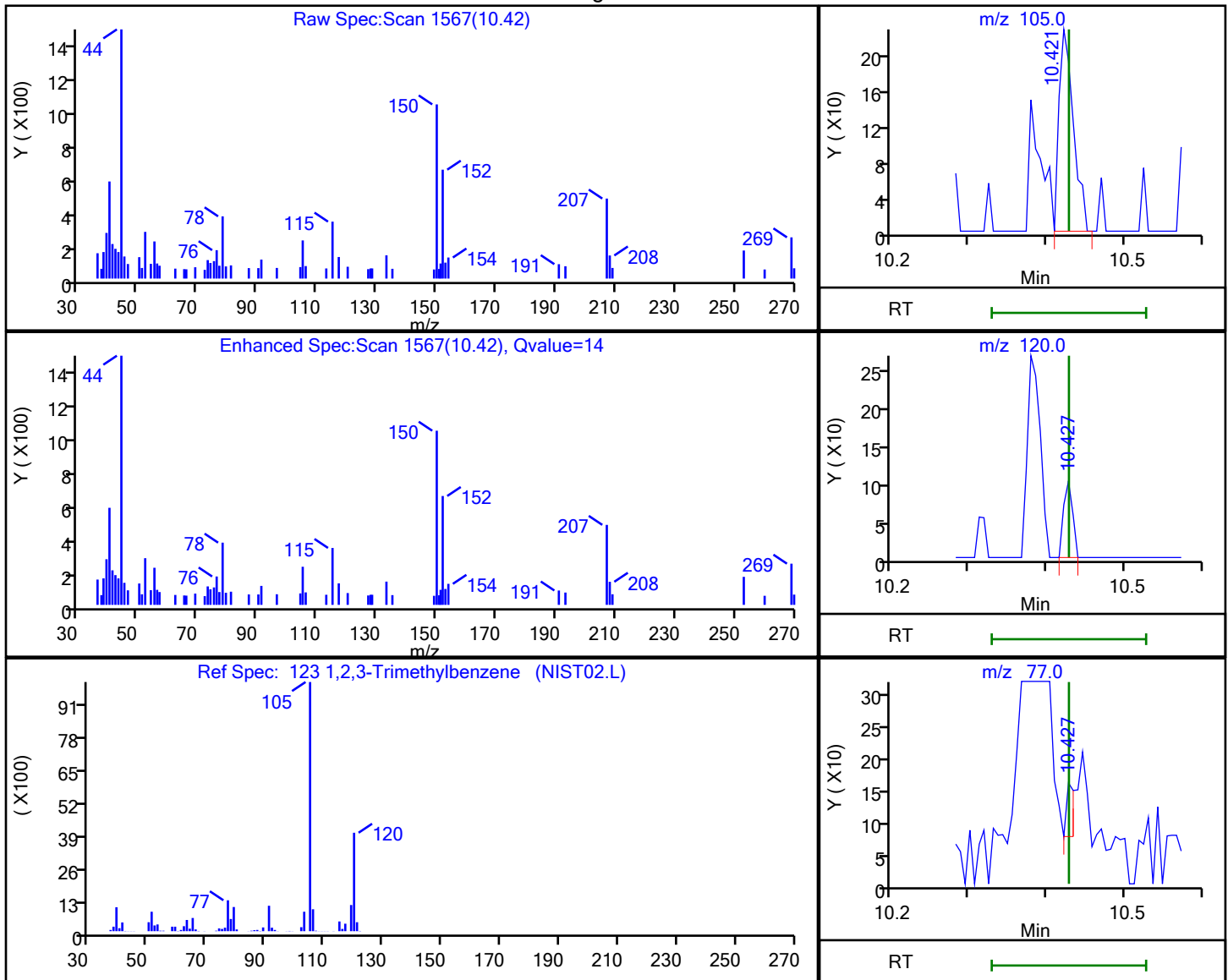
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

## 123 1,2,3-Trimethylbenzene, CAS: 526-73-8

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 10.42 | 105.00 | 288      | 0.030779 |
| 10.43 | 120.00 | 82       |          |
| 10.43 | 77.00  | 58       |          |

Reviewer: W9CM, 14-Oct-2022 15:03:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

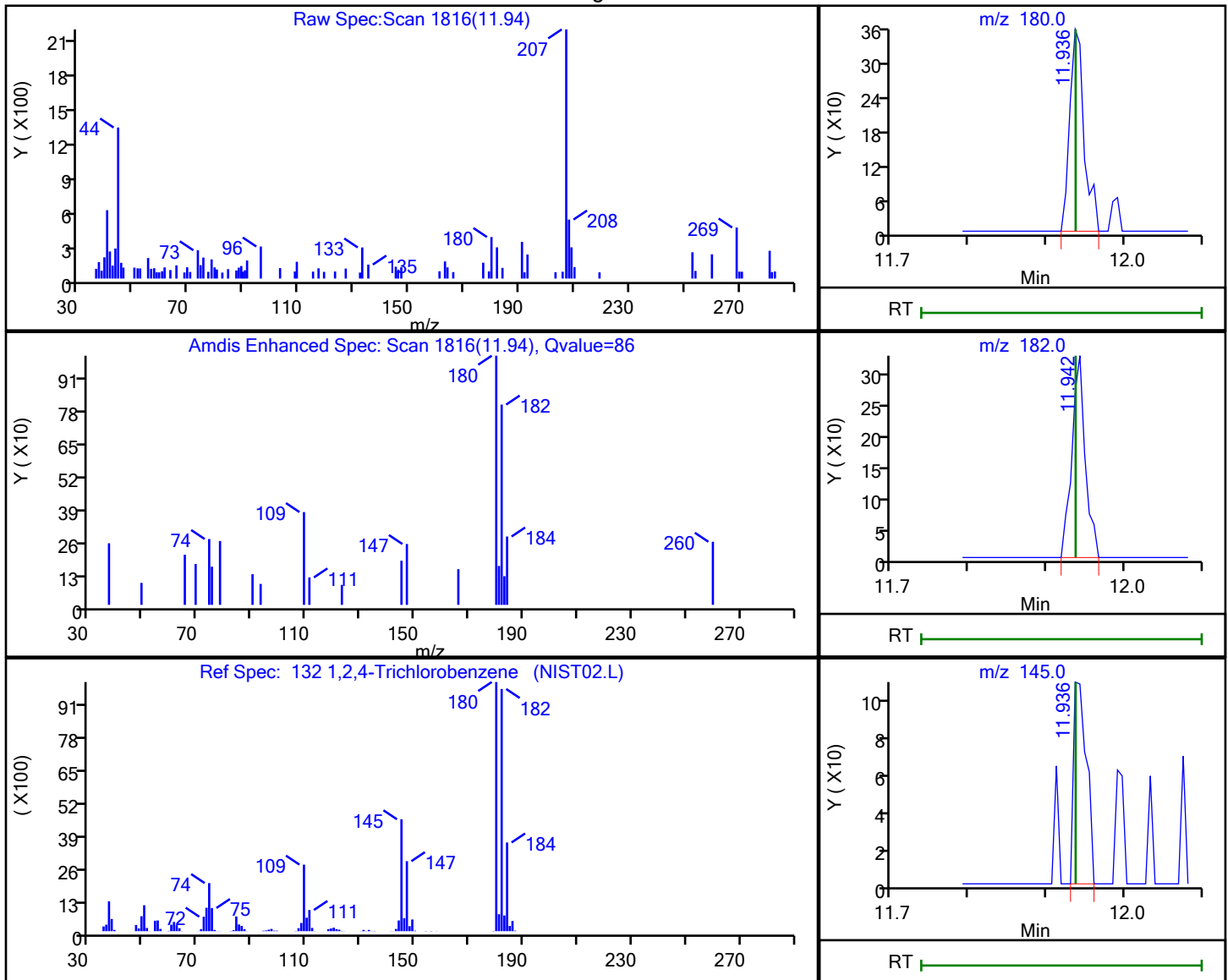
Column: Rtx-624 ( 0.25 mm)

Detector

MS SCAN

## 132 1,2,4-Trichlorobenzene, CAS: 120-82-1

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 11.94 | 180.00 | 458      | 0.147840 |
| 11.94 | 182.00 | 389      |          |
| 11.94 | 145.00 | 118      |          |

Reviewer: W9CM, 14-Oct-2022 15:03:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

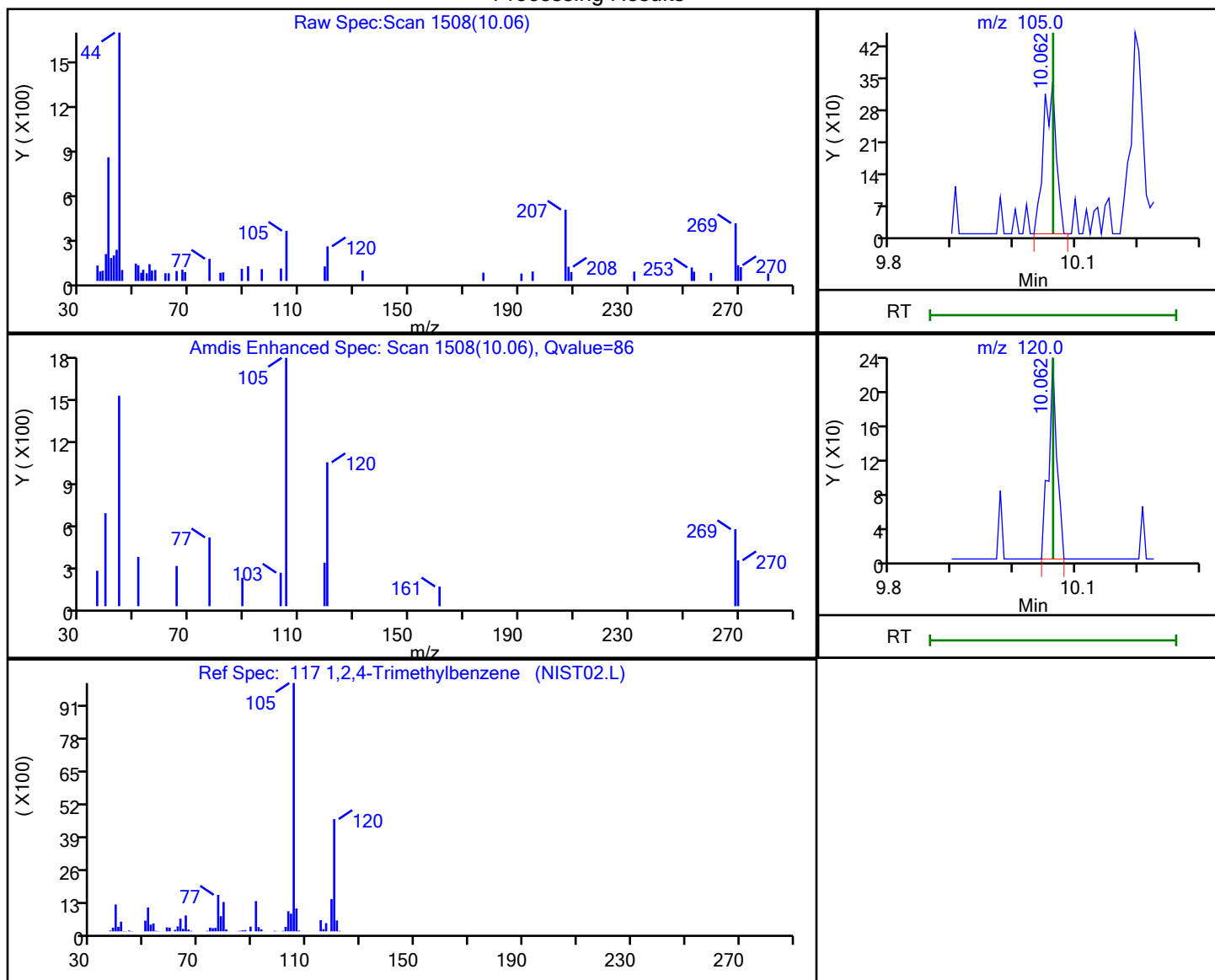
Column: Rtx-624 ( 0.25 mm)

Detector

MS SCAN

## 117 1,2,4-Trimethylbenzene, CAS: 95-63-6

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 10.06 | 105.00 | 479      | 0.054267 |
| 10.06 | 120.00 | 218      |          |

Reviewer: W9CM, 14-Oct-2022 15:02:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

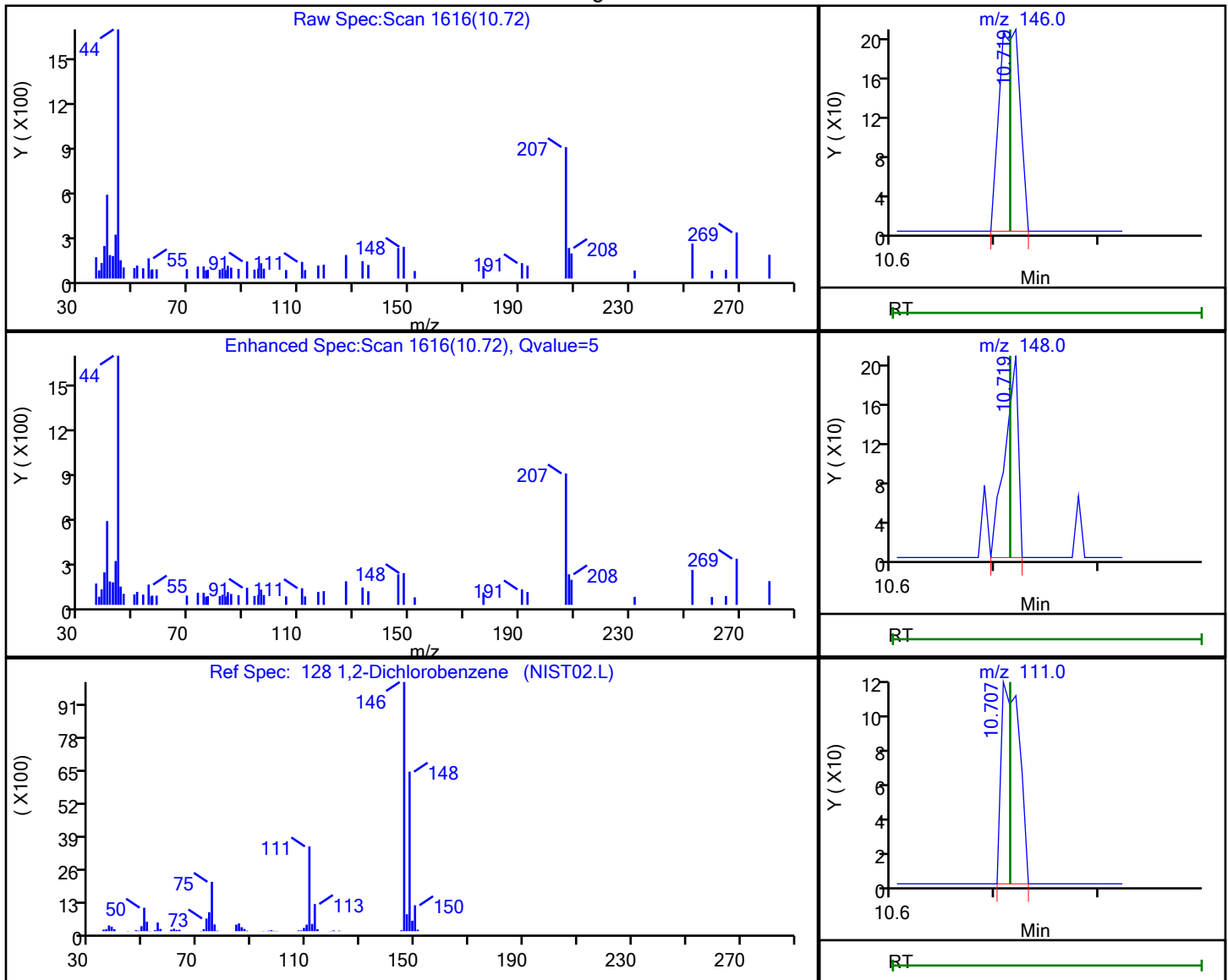
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 128 1,2-Dichlorobenzene, CAS: 95-50-1

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 10.72 | 146.00 | 284      | 0.059564 |
| 10.72 | 148.00 | 187      |          |
| 10.71 | 111.00 | 145      |          |

Reviewer: W9CM, 14-Oct-2022 15:03:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

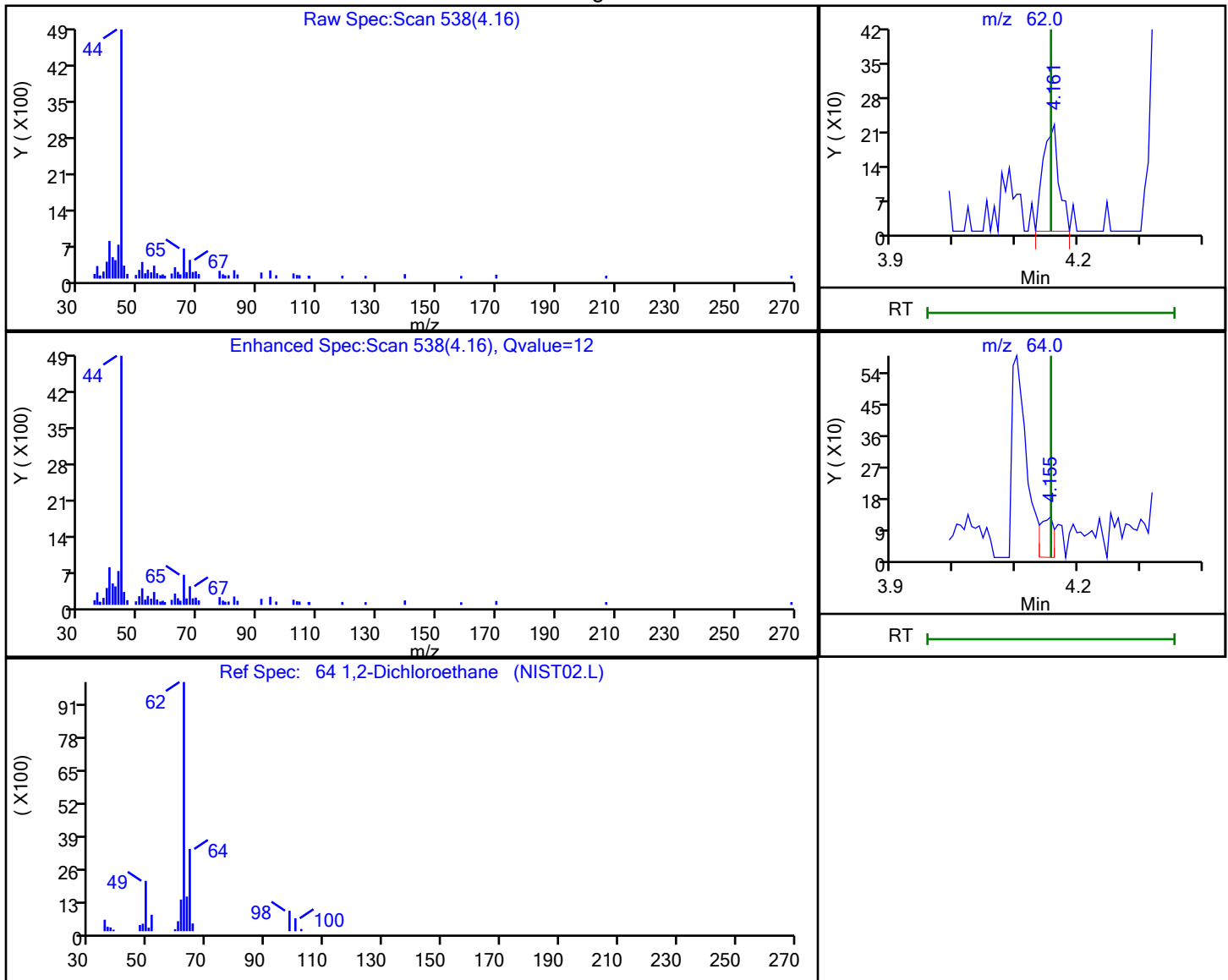
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 64 1,2-Dichloroethane, CAS: 107-06-2

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 4.16 | 62.00 | 390      | 0.104253 |
| 4.16 | 64.00 | 184      |          |

Reviewer: W9CM, 14-Oct-2022 15:02:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

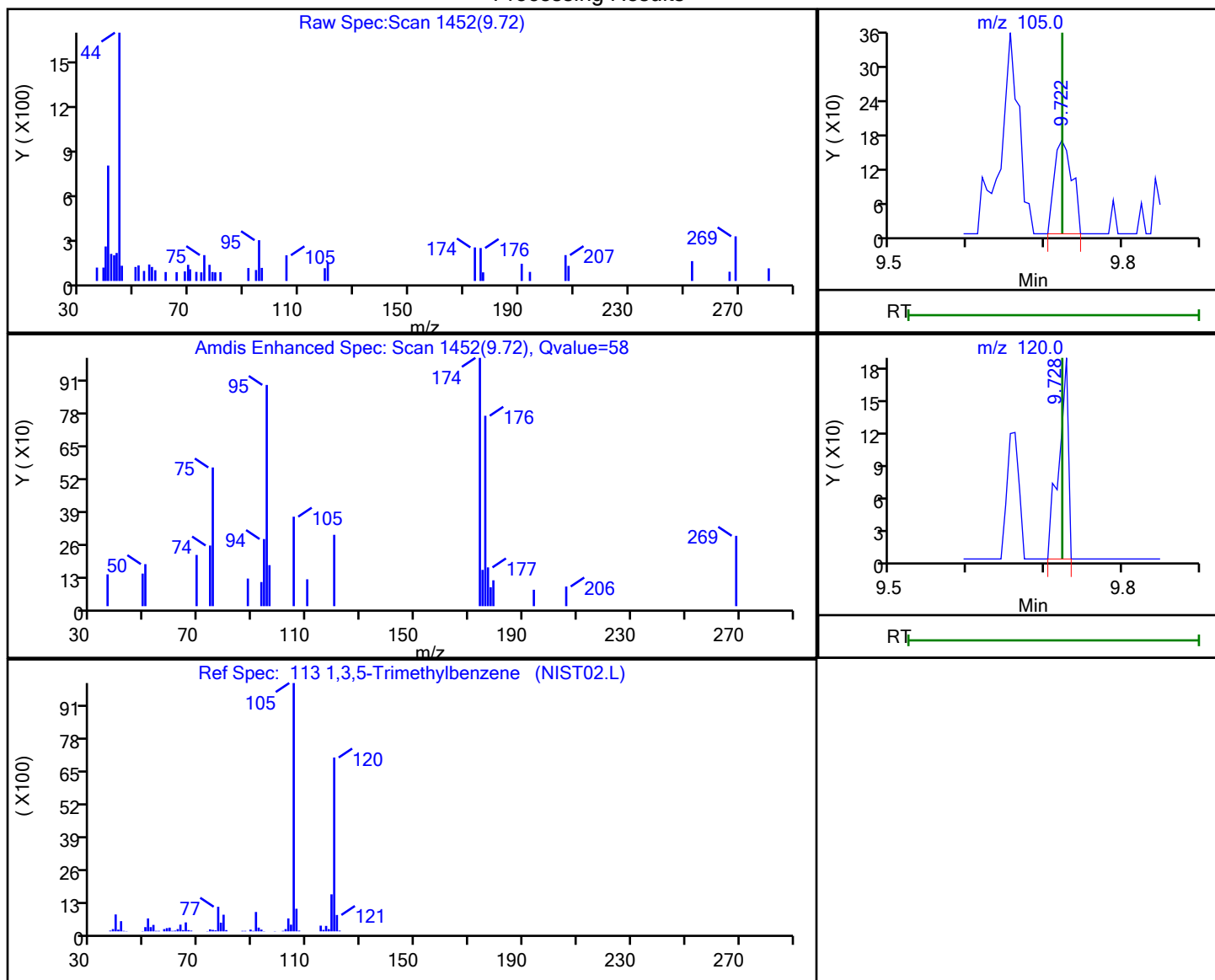
Column: Rtx-624 ( 0.25 mm)

Detector

MS SCAN

## 113 1,3,5-Trimethylbenzene, CAS: 108-67-8

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 9.72 | 105.00 | 269      | 0.032233 |
| 9.73 | 120.00 | 159      |          |

Reviewer: W9CM, 14-Oct-2022 15:02:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

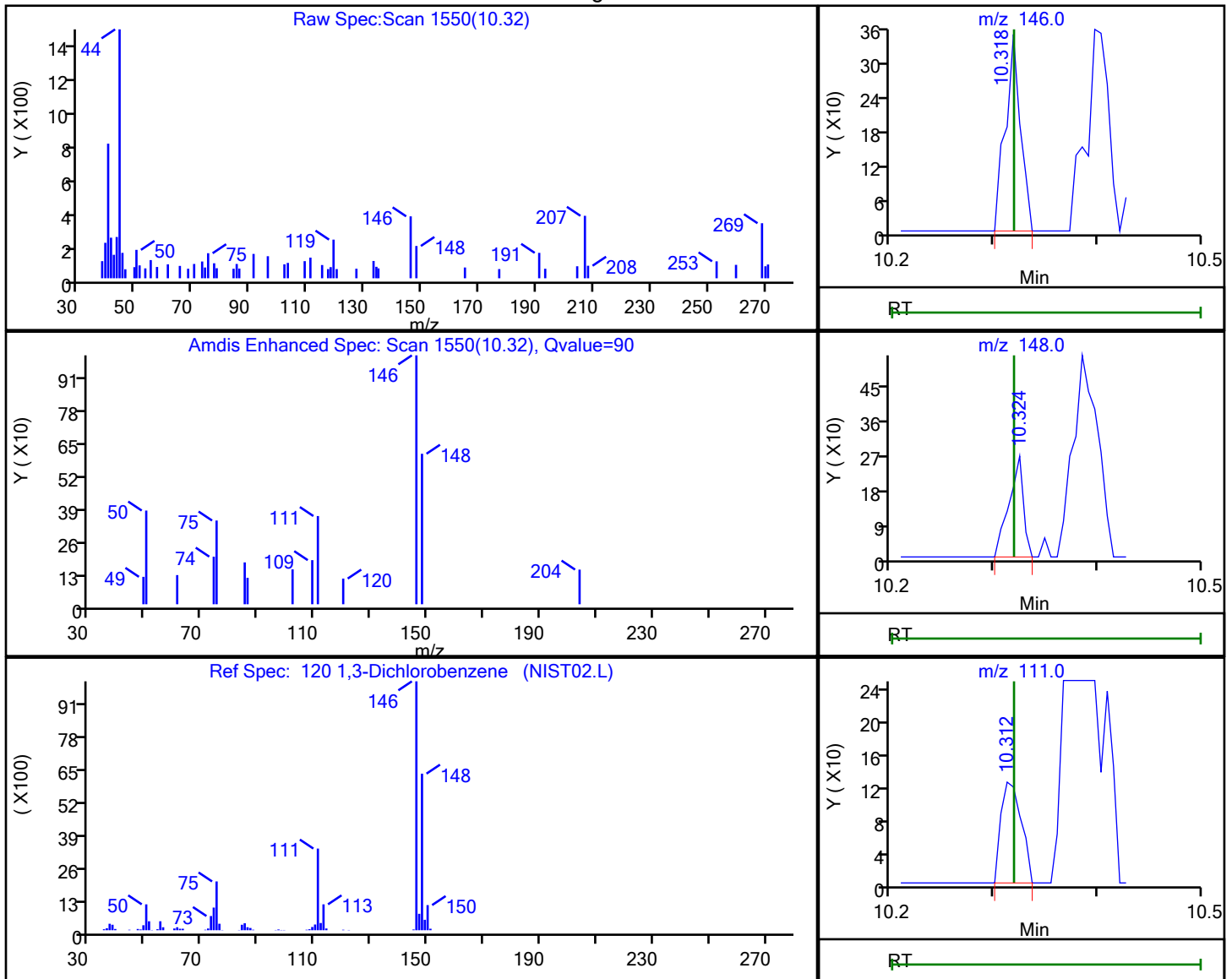
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 120 1,3-Dichlorobenzene, CAS: 541-73-1

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 10.32 | 146.00 | 359      | 0.074808 |
| 10.32 | 148.00 | 258      |          |
| 10.31 | 111.00 | 169      |          |

Reviewer: W9CM, 14-Oct-2022 15:03:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

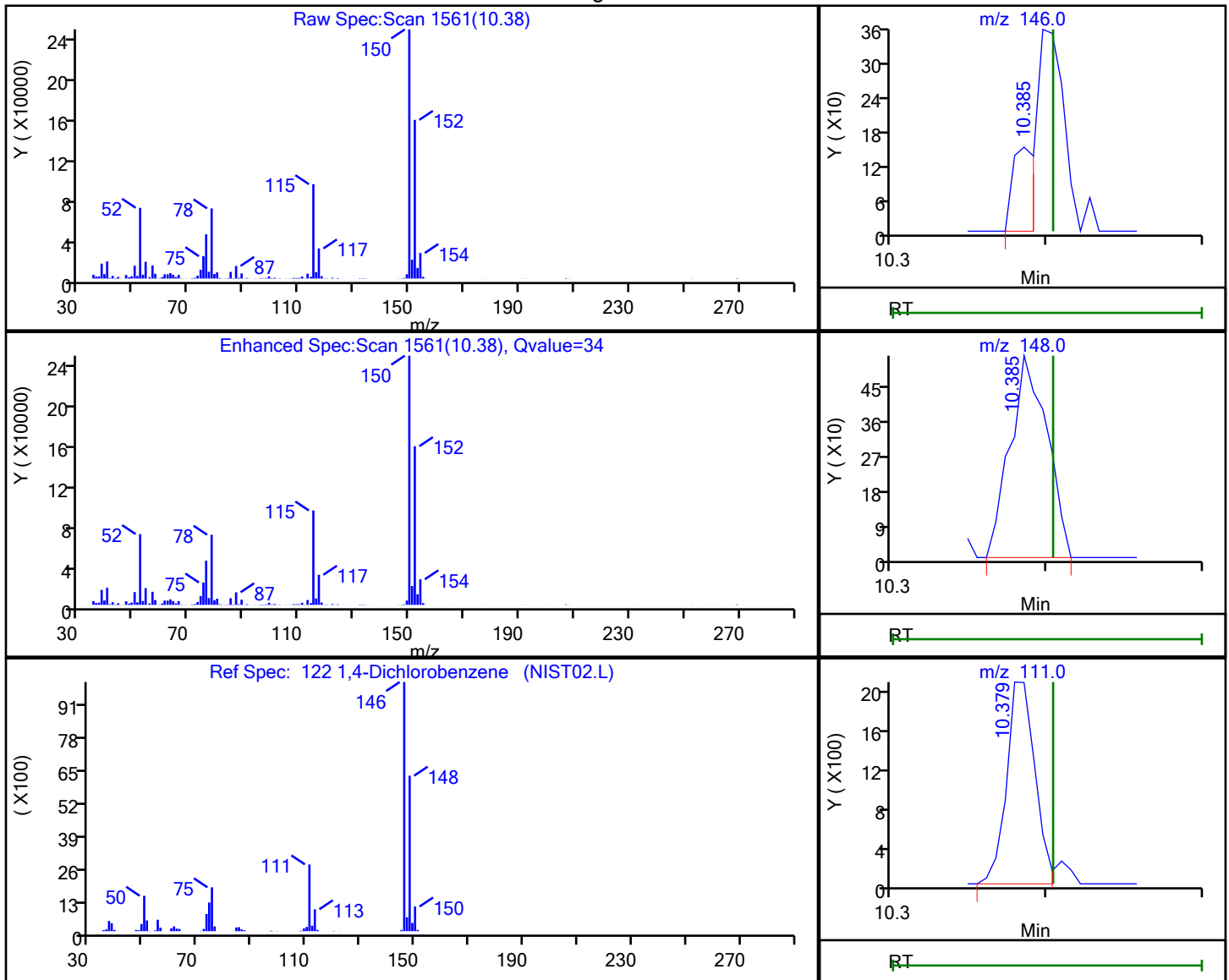
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 122 1,4-Dichlorobenzene, CAS: 106-46-7

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 10.38 | 146.00 | 153      | 0.030470 |
| 10.38 | 148.00 | 881      |          |
| 10.38 | 111.00 | 2659     |          |

Reviewer: W9CM, 14-Oct-2022 15:03:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

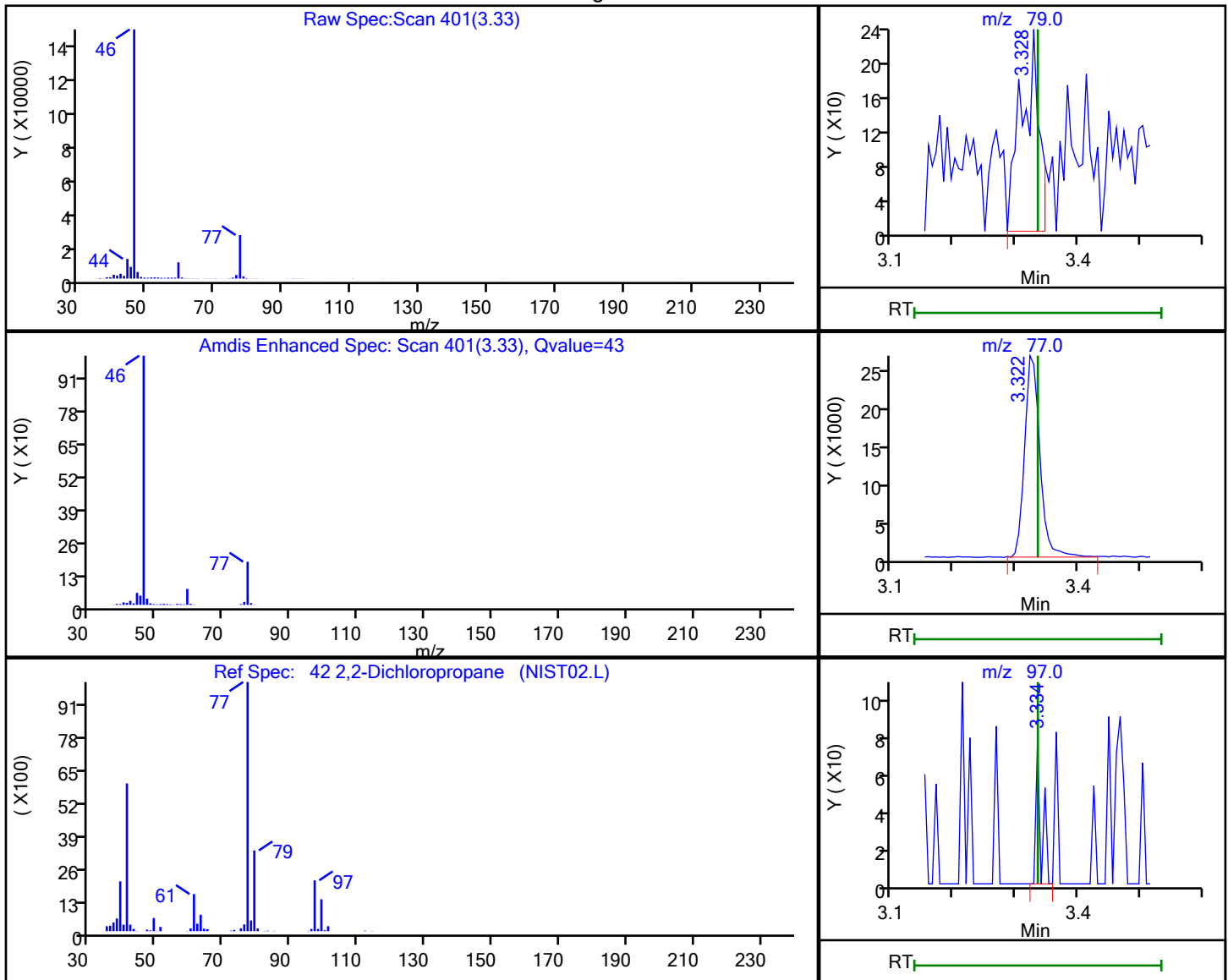
Column: Rtx-624 ( 0.25 mm)

Detector

MS SCAN

## 42 2,2-Dichloropropane, CAS: 594-20-7

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 3.33 | 79.00 | 464      | 0.384535 |
| 3.32 | 77.00 | 44855    |          |
| 3.33 | 97.00 | 45       |          |

Reviewer: W9CM, 14-Oct-2022 15:01:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

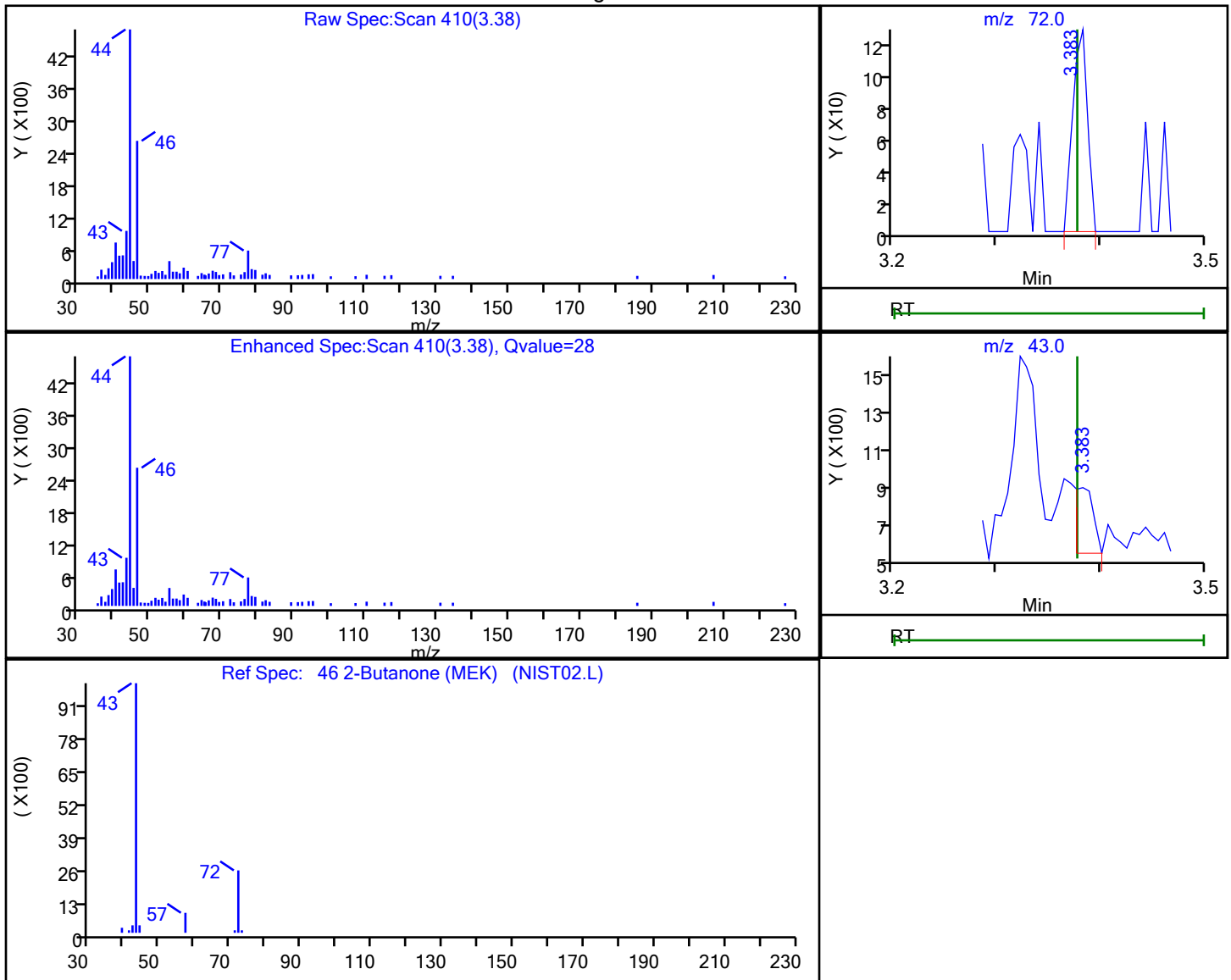
Column: Rtx-624 ( 0.25 mm)

Detector

MS SCAN

## 46 2-Butanone (MEK), CAS: 78-93-3

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 3.38 | 72.00 | 128      | 0.626039 |
| 3.38 | 43.00 | 415      |          |

Reviewer: W9CM, 14-Oct-2022 15:01:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

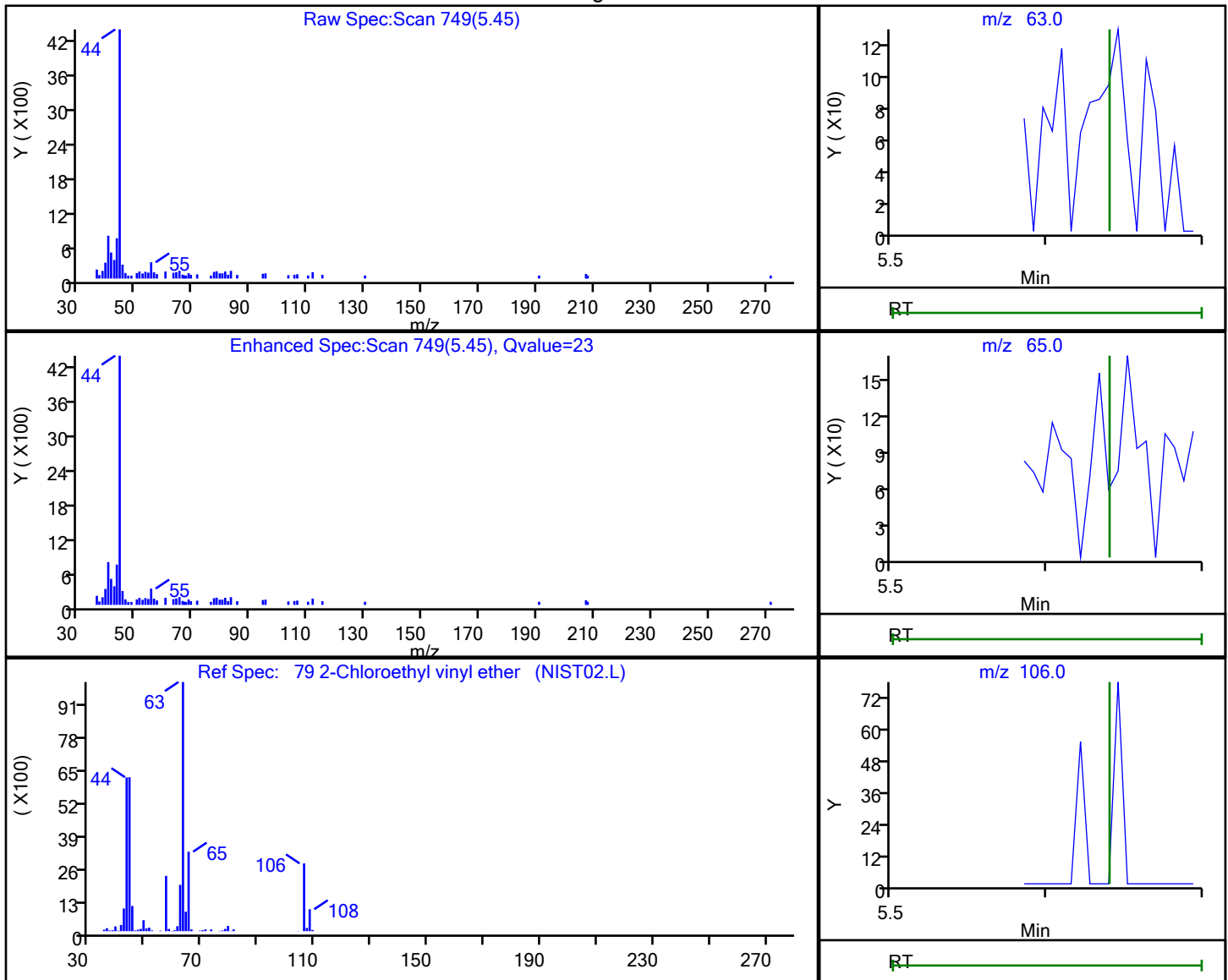
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 79 2-Chloroethyl vinyl ether, CAS: 110-75-8

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 5.45 | 63.00  | 85       | 0.051710 |
| 5.45 | 65.00  | 75       |          |
| 5.45 | 106.00 | 27       |          |

Reviewer: W9CM, 14-Oct-2022 15:02:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

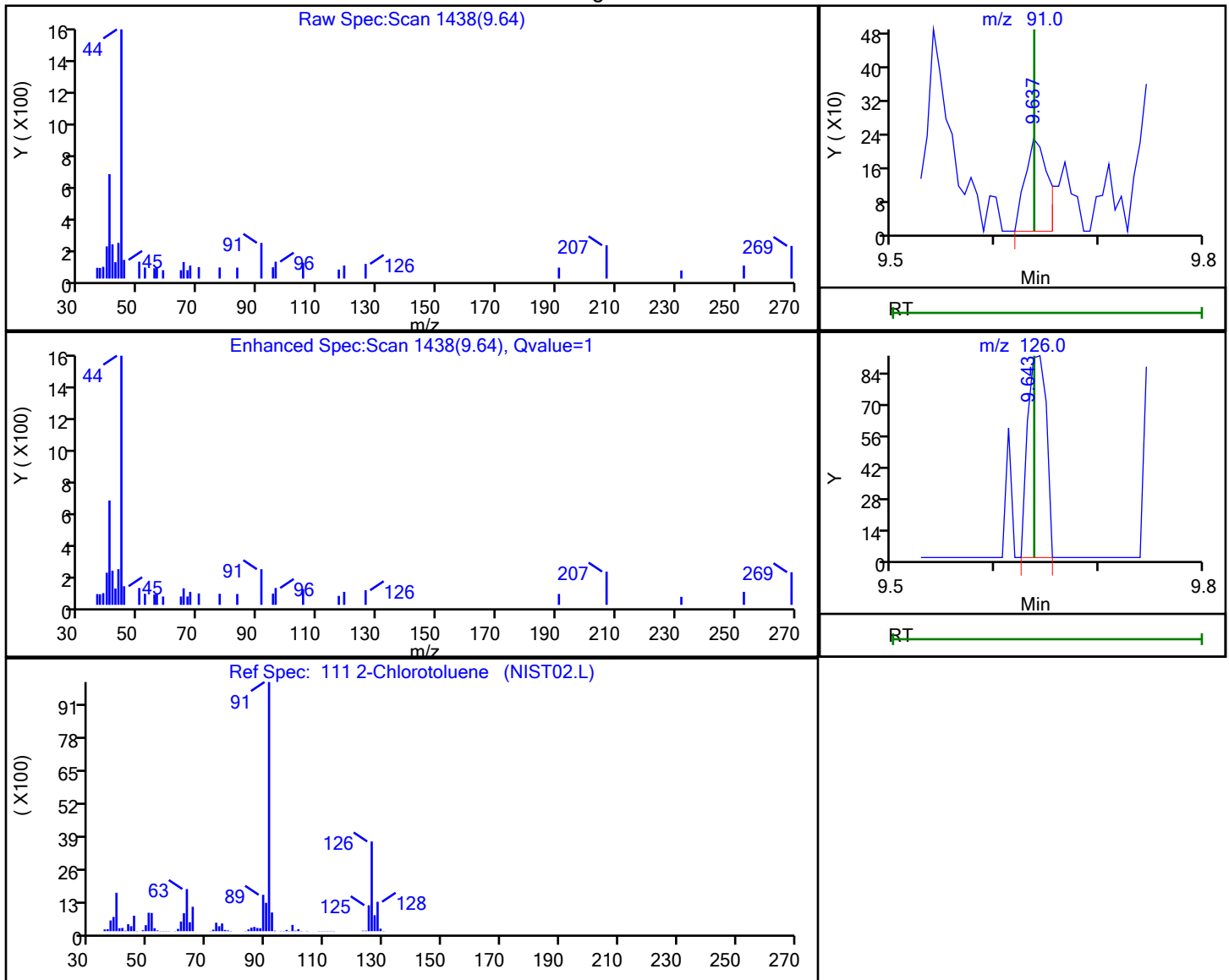
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 111 2-Chlorotoluene, CAS: 95-49-8

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 9.64 | 91.00  | 335      | 0.037446 |
| 9.64 | 126.00 | 115      |          |

Reviewer: W9CM, 14-Oct-2022 15:02:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

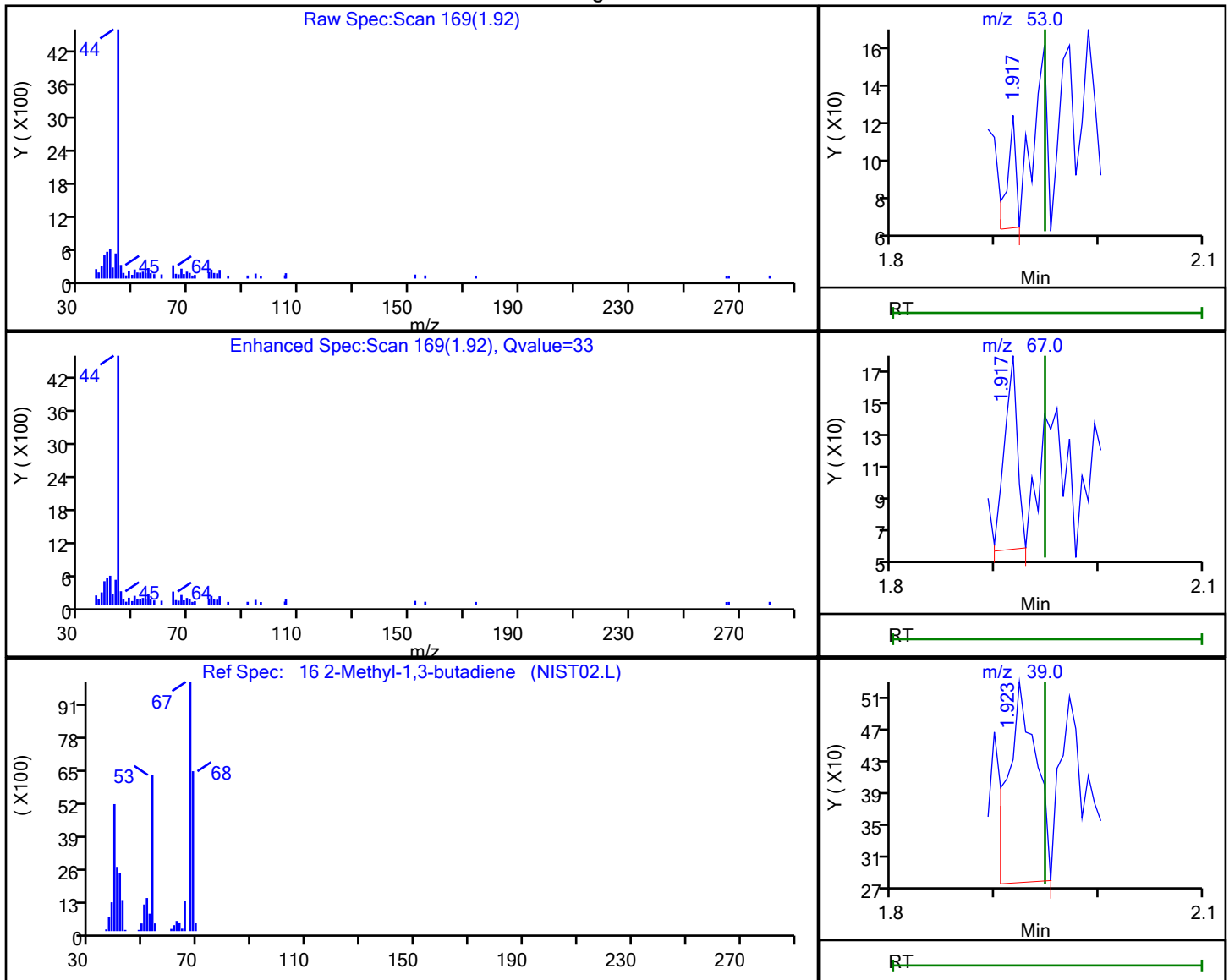
Column: Rtx-624 ( 0.25 mm)

Detector

MS SCAN

## 16 2-Methyl-1,3-butadiene, CAS: 78-79-5

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 1.92 | 53.00 | 32       | 0.013037 |
| 1.92 | 67.00 | 105      |          |
| 1.92 | 39.00 | 467      |          |

Reviewer: W9CM, 14-Oct-2022 15:00:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

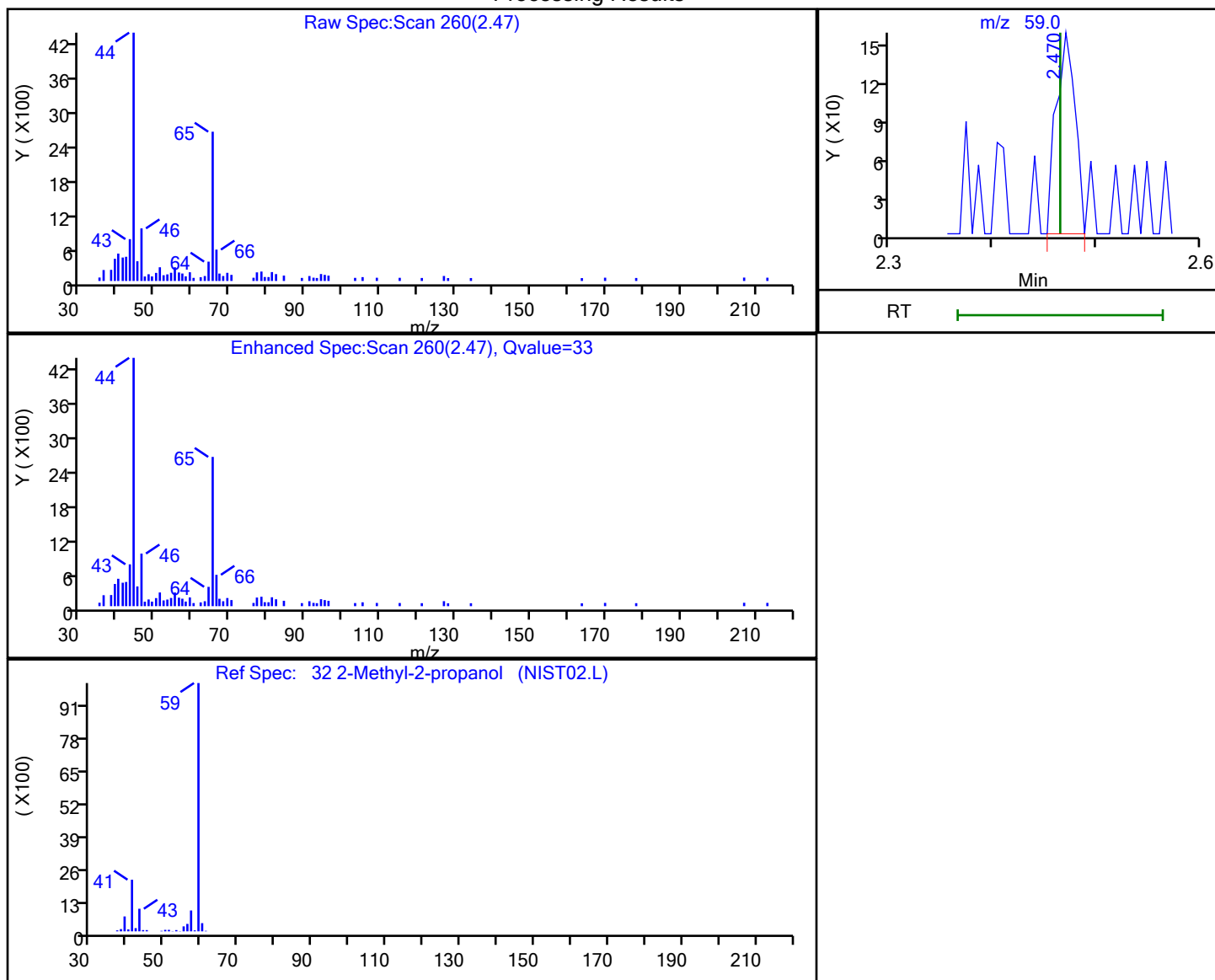
Column: Rtx-624 ( 0.25 mm)

Detector

MS SCAN

## 32 2-Methyl-2-propanol, CAS: 75-65-0

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 2.47 | 59.00 | 195      | 1.368890 |

Reviewer: W9CM, 14-Oct-2022 15:01:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

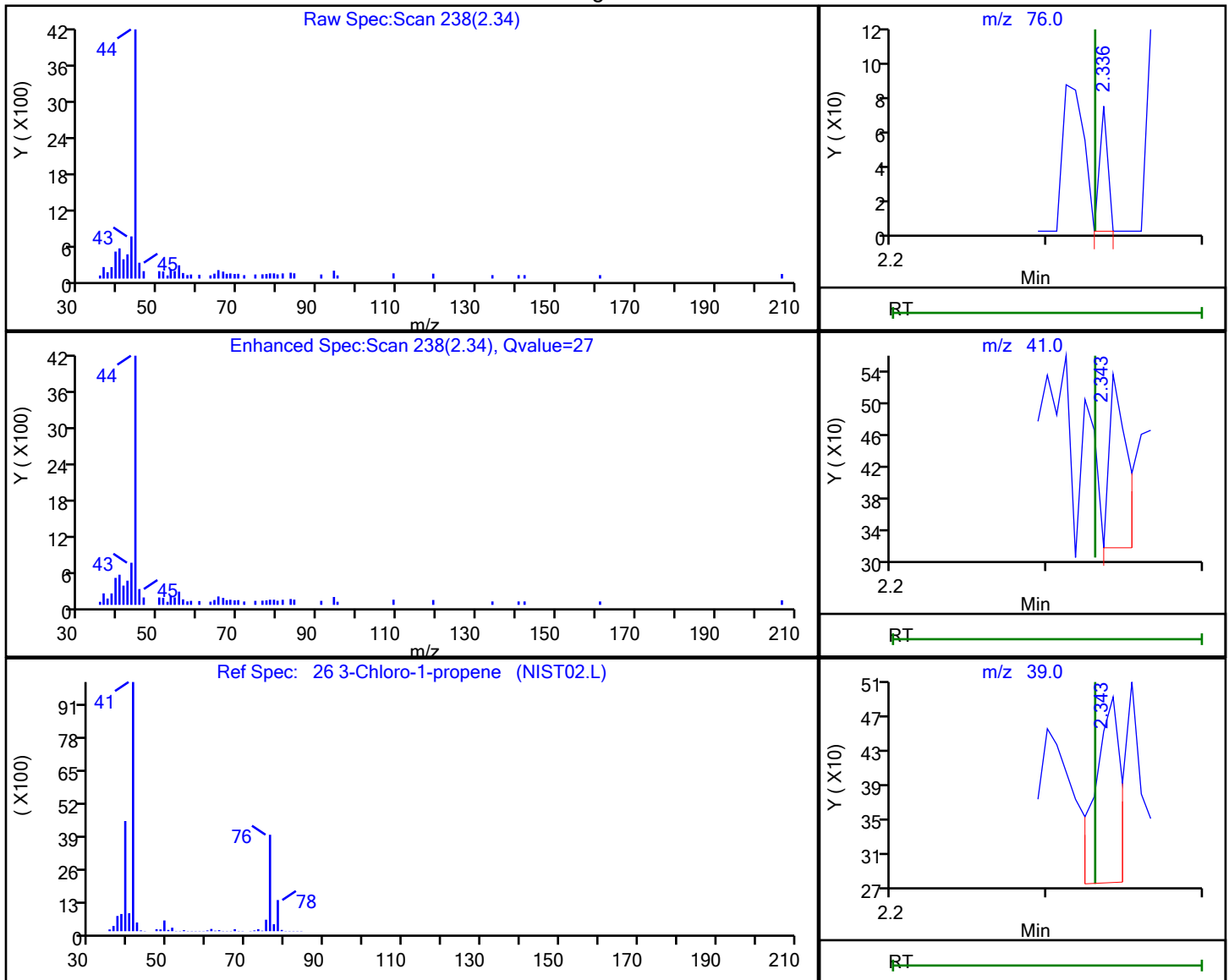
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

## 26 3-Chloro-1-propene, CAS: 107-05-1

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 2.34 | 76.00 | 26       | 0.018678 |
| 2.34 | 41.00 | 166      |          |
| 2.34 | 39.00 | 244      |          |

Reviewer: W9CM, 14-Oct-2022 15:00:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

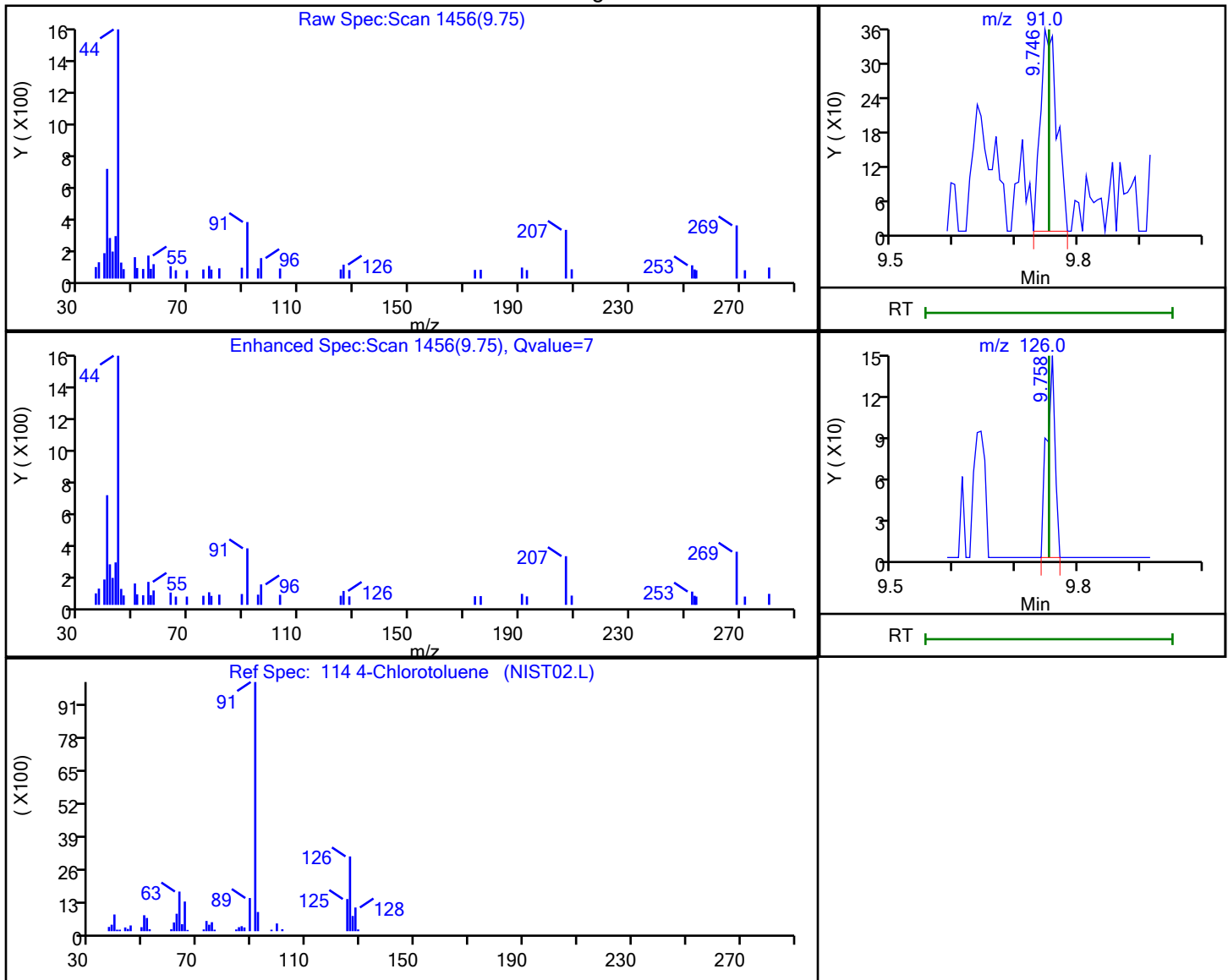
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 114 4-Chlorotoluene, CAS: 106-43-4

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 9.75 | 91.00  | 656      | 0.075948 |
| 9.76 | 126.00 | 136      |          |

Reviewer: W9CM, 14-Oct-2022 15:02:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

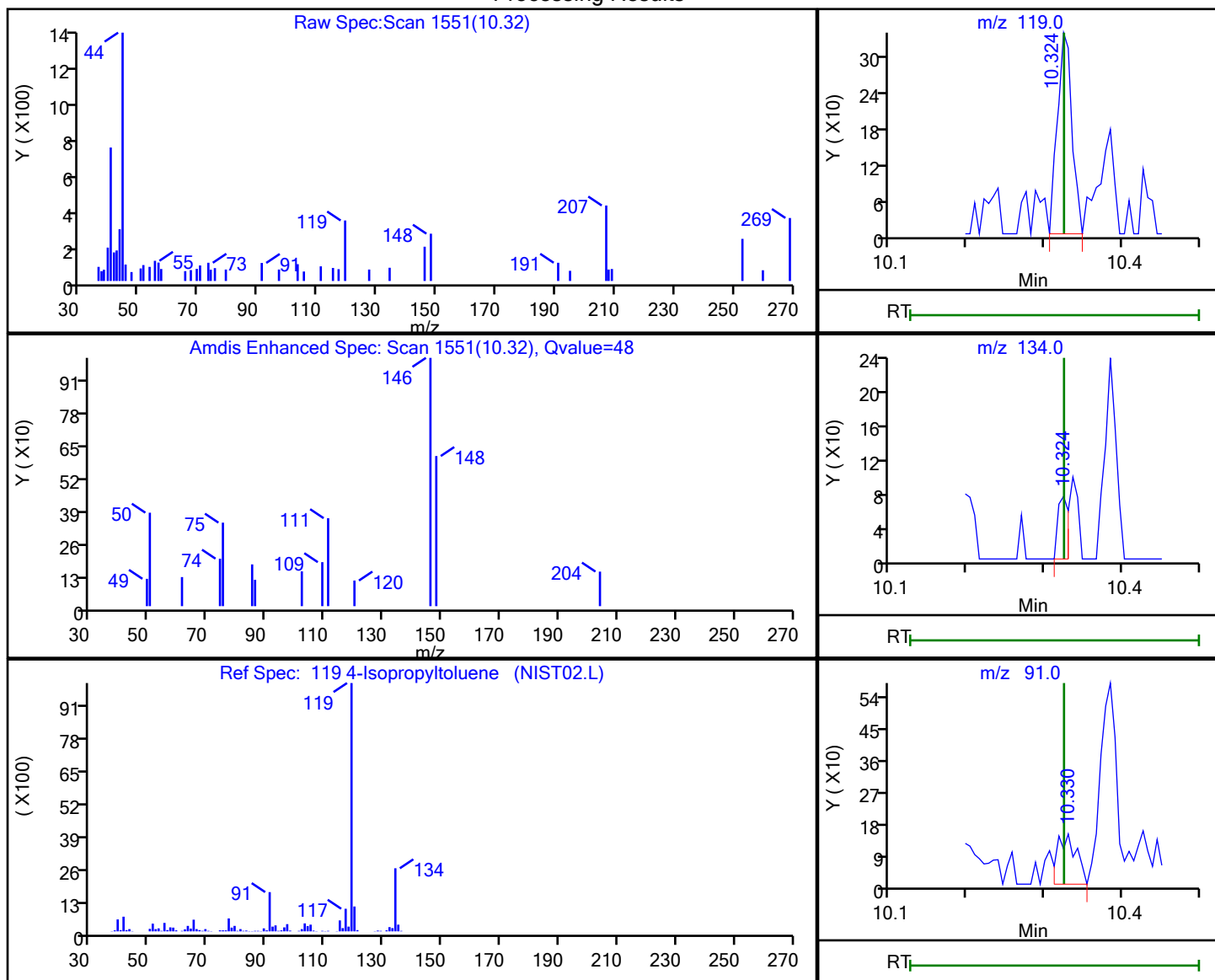
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

## 119 4-Isopropyltoluene, CAS: 99-87-6

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 10.32 | 119.00 | 445      | 0.056366 |
| 10.32 | 134.00 | 72       |          |
| 10.33 | 91.00  | 244      |          |

Reviewer: W9CM, 14-Oct-2022 15:03:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

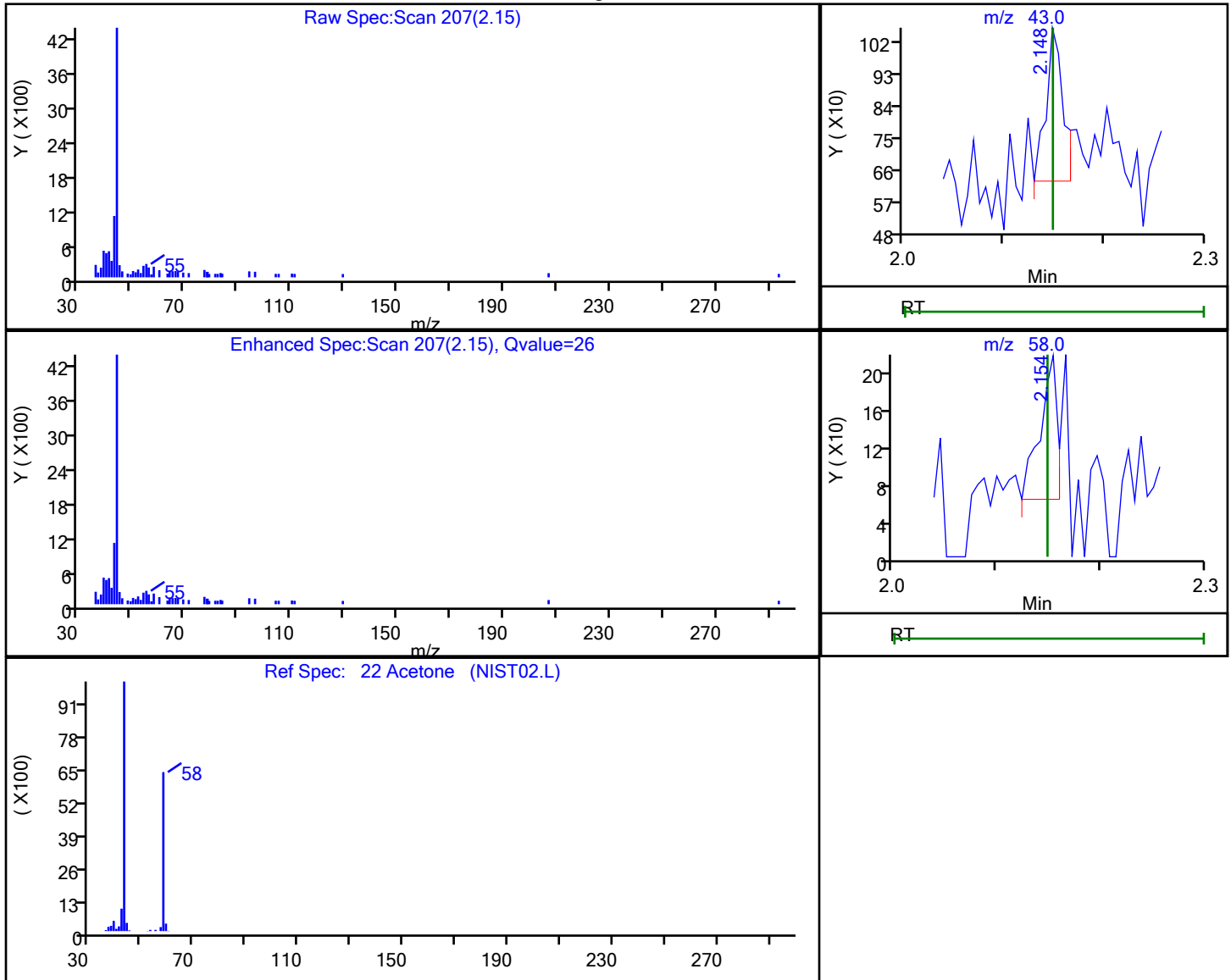
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 22 Acetone, CAS: 67-64-1

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 2.15 | 43.00 | 518      | 0.751434 |
| 2.15 | 58.00 | 180      |          |

Reviewer: W9CM, 14-Oct-2022 15:00:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

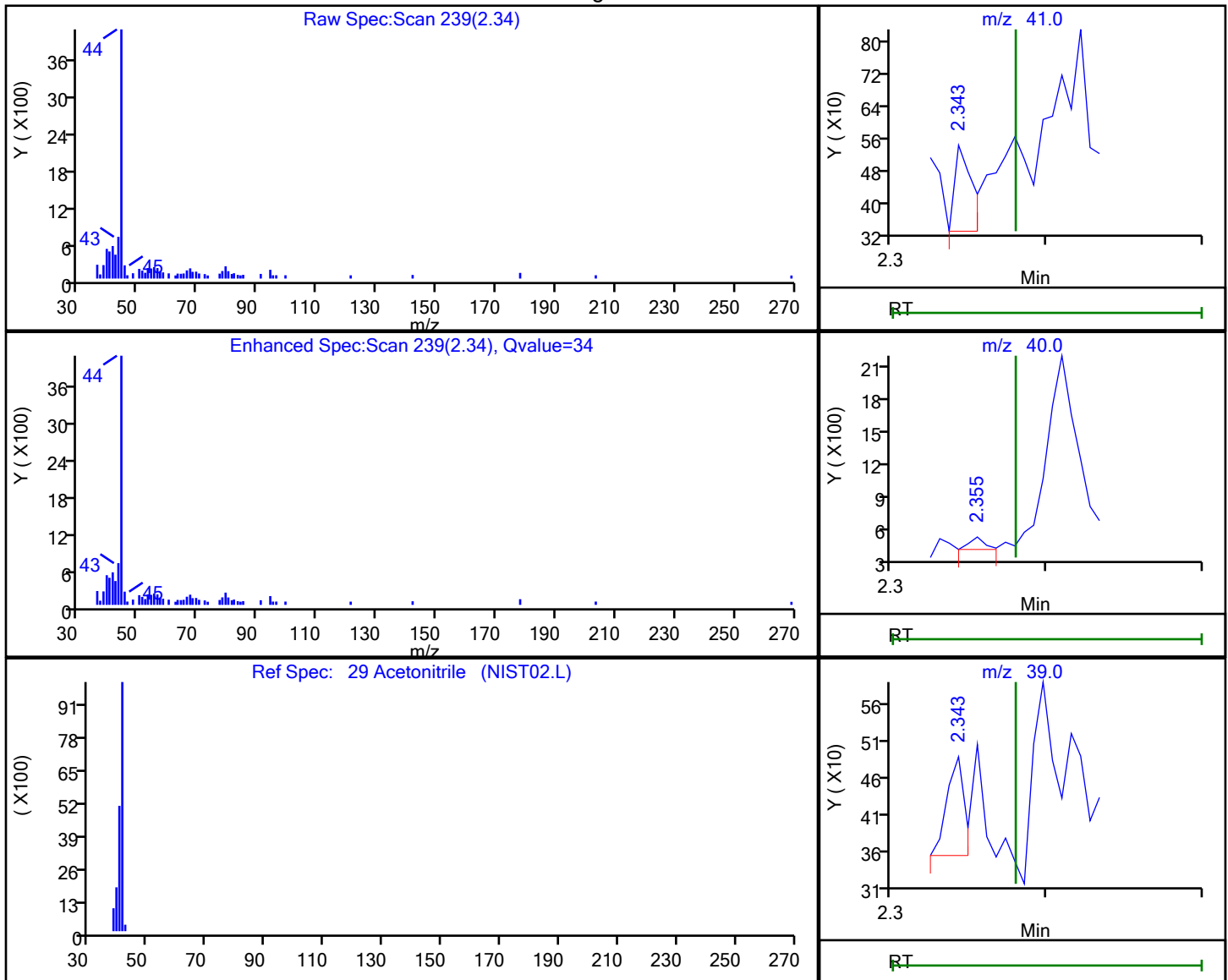
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 29 Acetonitrile, CAS: 75-05-8

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 2.34 | 41.00 | 166      | 0.704882 |
| 2.35 | 40.00 | 76       |          |
| 2.34 | 39.00 | 107      |          |
| 2.34 | 38.00 | 88       |          |

Reviewer: W9CM, 14-Oct-2022 15:01:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

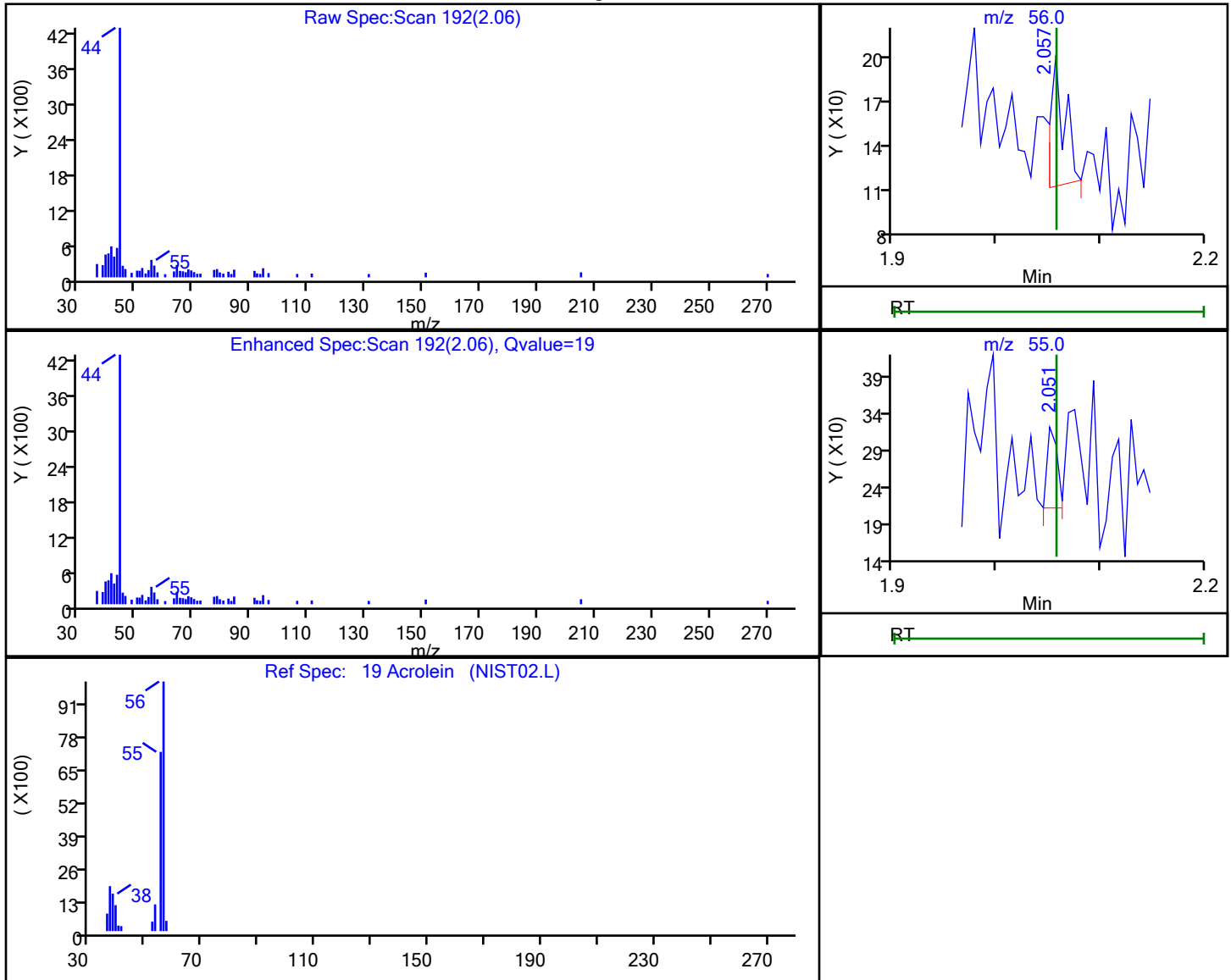
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 19 Acrolein, CAS: 107-02-8

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 2.06 | 56.00 | 80       | 0.250316 |
| 2.05 | 55.00 | 72       |          |

Reviewer: W9CM, 14-Oct-2022 15:00:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

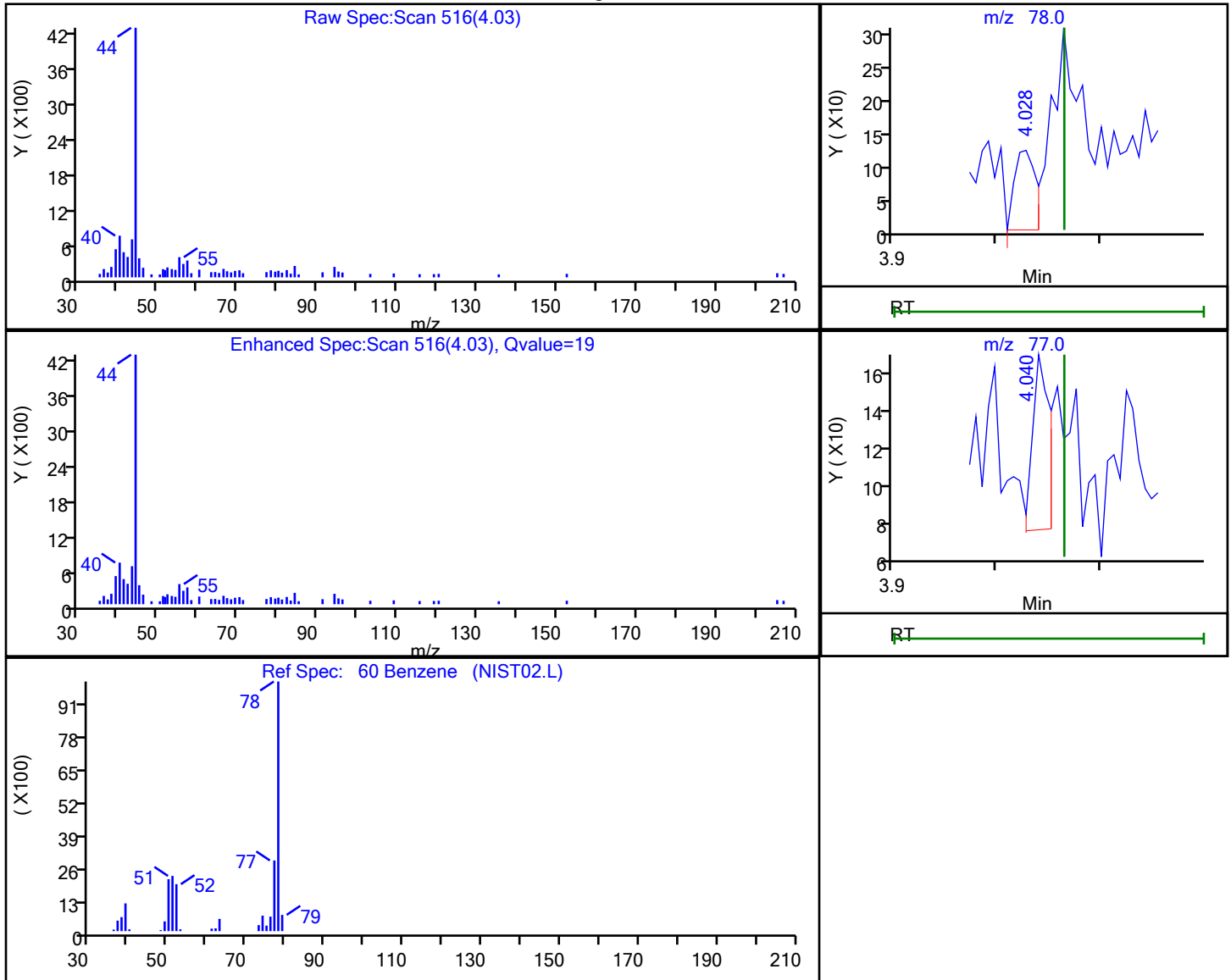
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 60 Benzene, CAS: 71-43-2

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 4.03 | 78.00 | 172      | 0.017564 |
| 4.04 | 77.00 | 99       |          |

Reviewer: W9CM, 14-Oct-2022 15:02:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

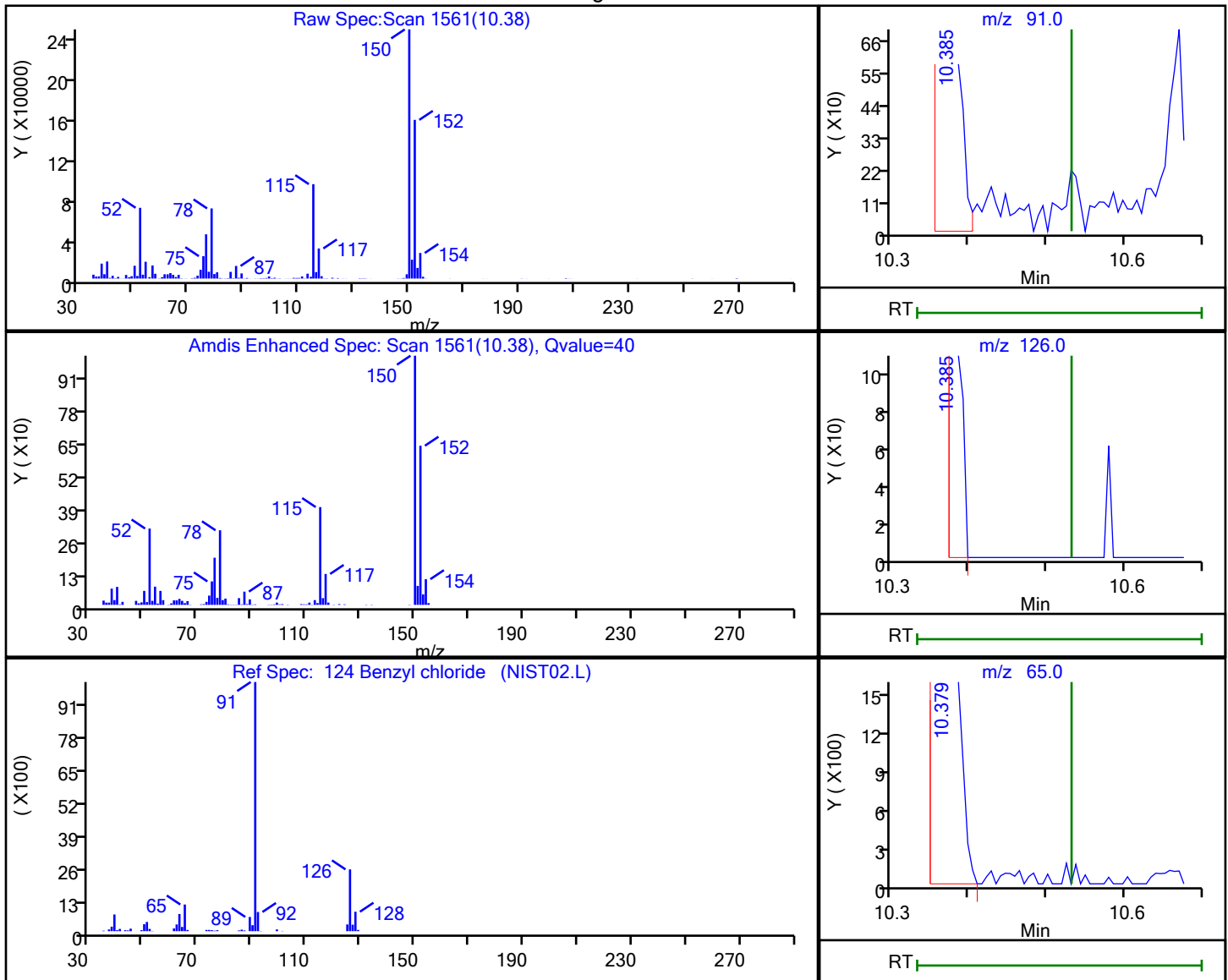
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 124 Benzyl chloride, CAS: 100-44-7

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 10.38 | 91.00  | 827      | 0.162490 |
| 10.38 | 126.00 | 87       |          |
| 10.38 | 65.00  | 2164     |          |

Reviewer: W9CM, 14-Oct-2022 15:03:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

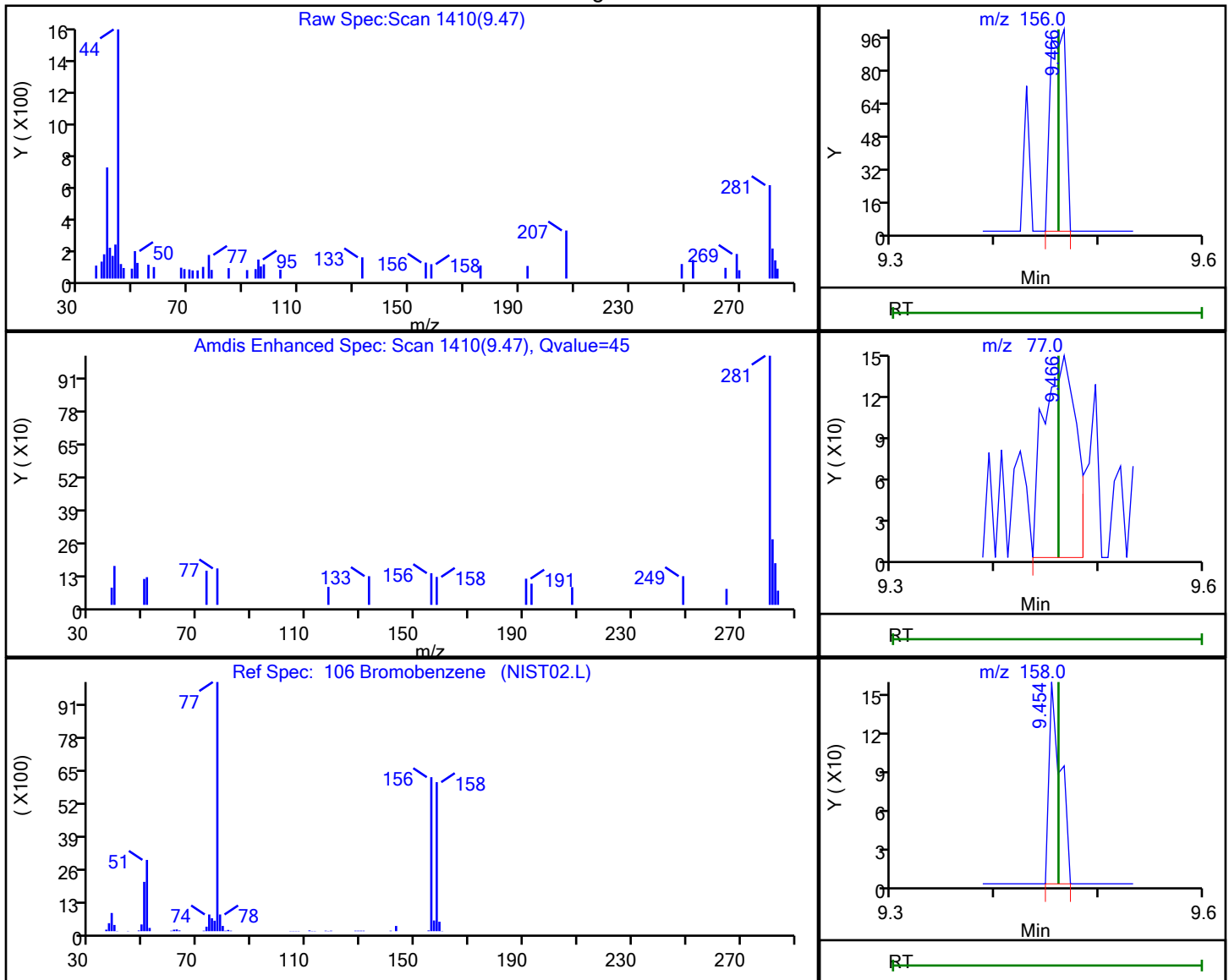
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

## 106 Bromobenzene, CAS: 108-86-1

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 9.47 | 156.00 | 104      | 0.038920 |
| 9.47 | 77.00  | 324      |          |
| 9.45 | 158.00 | 120      |          |

Reviewer: W9CM, 14-Oct-2022 15:02:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

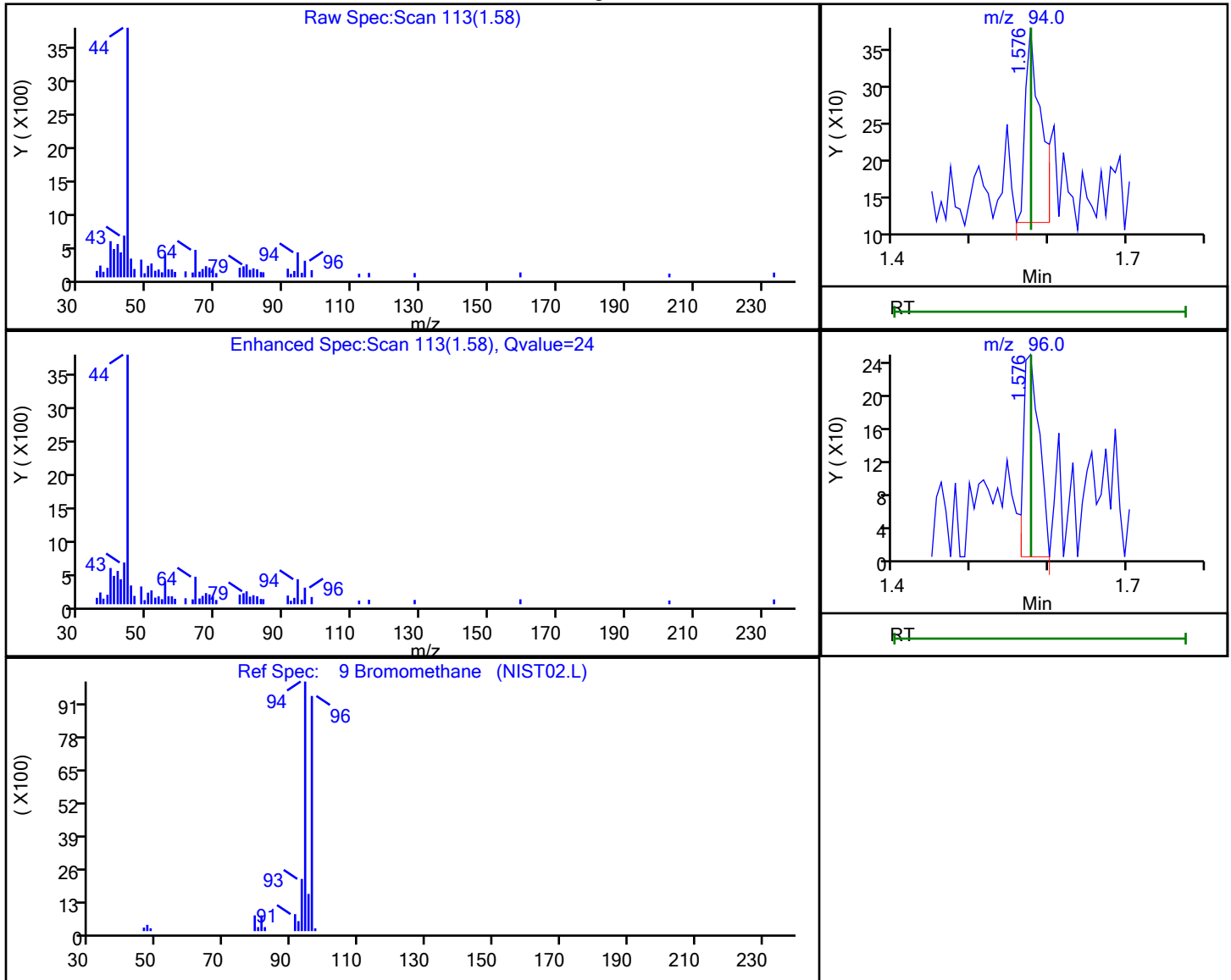
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 9 Bromomethane, CAS: 74-83-9

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 1.58 | 94.00 | 364      | 0.250000 |
| 1.58 | 96.00 | 346      |          |

Reviewer: HVW2, 12-Oct-2022 23:53:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

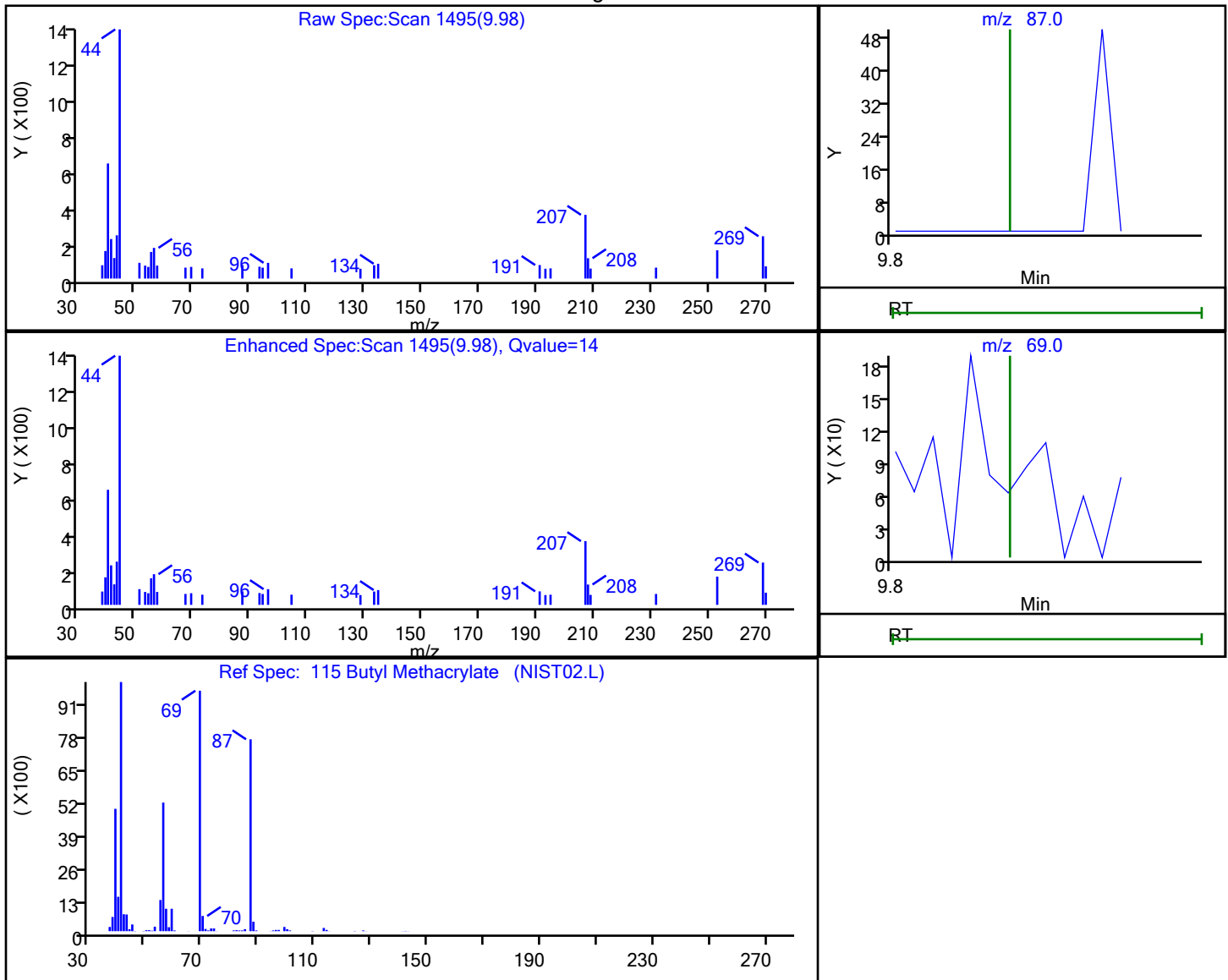
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 115 Butyl Methacrylate, CAS: 97-88-1

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 9.98 | 87.00 | 27       | 0.008320 |
| 9.98 | 69.00 | 43       |          |

Reviewer: W9CM, 14-Oct-2022 15:02:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

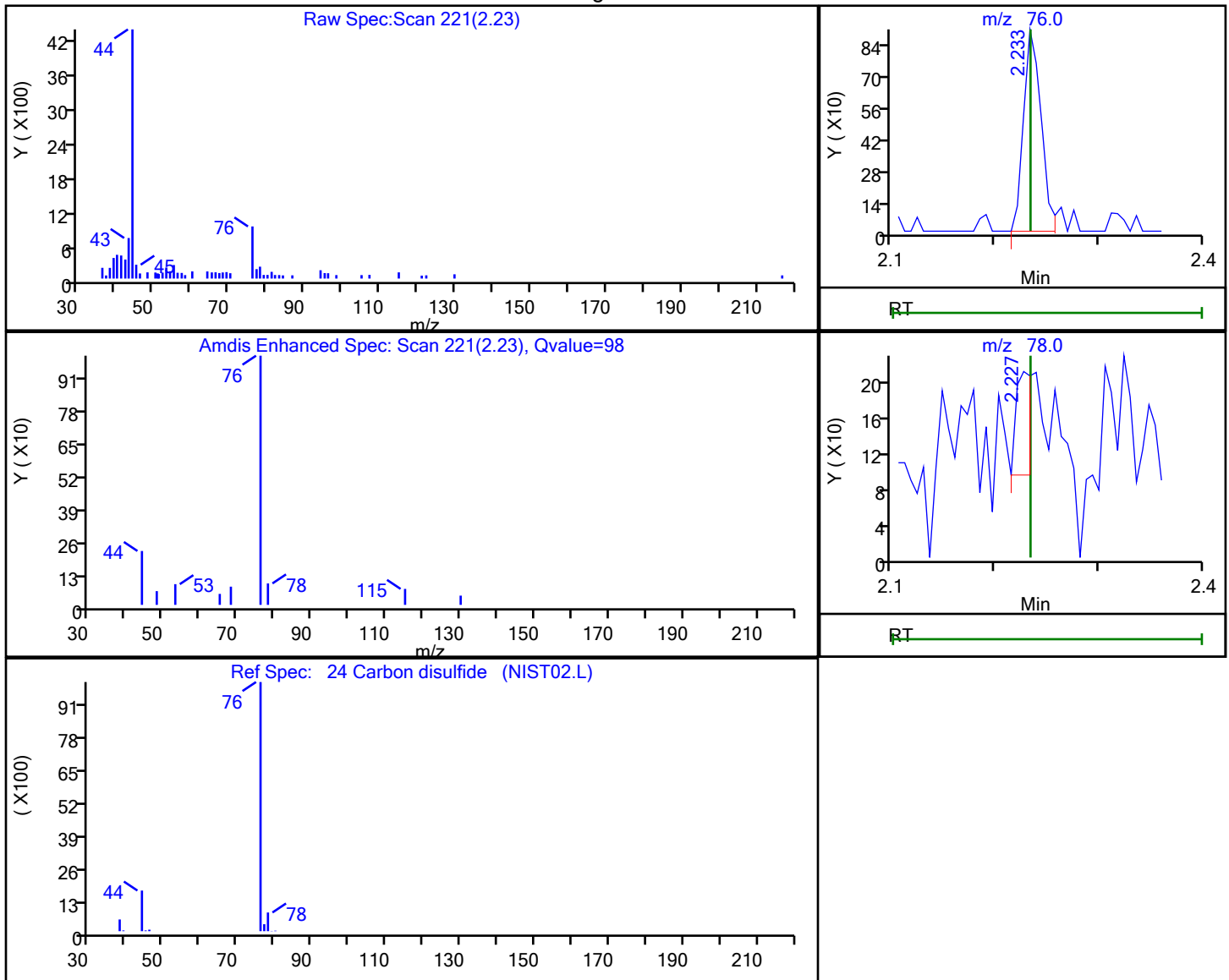
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 24 Carbon disulfide, CAS: 75-15-0

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 2.23 | 76.00 | 1080     | 0.148127 |
| 2.23 | 78.00 | 122      |          |

Reviewer: W9CM, 14-Oct-2022 15:00:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

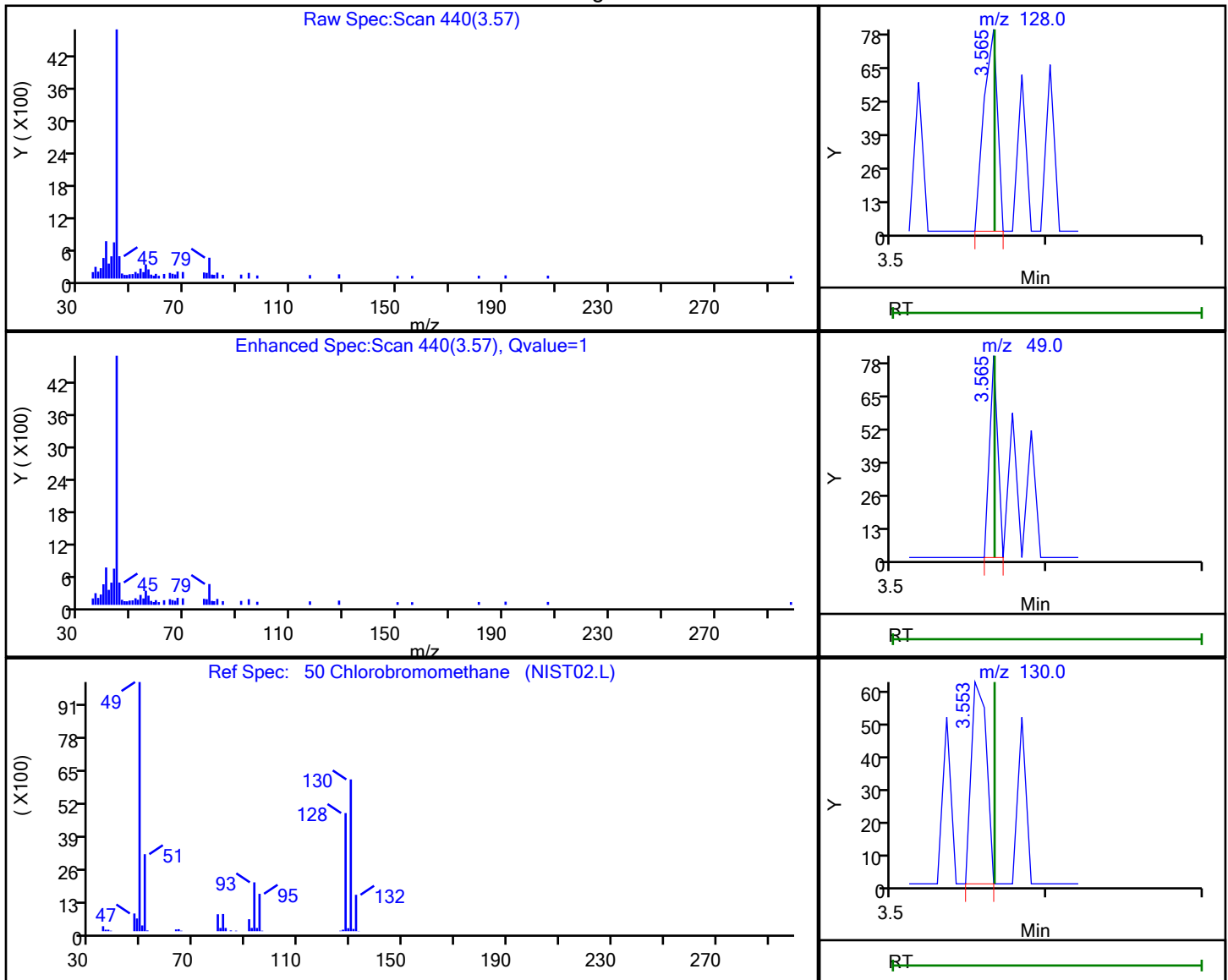
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 50 Chlorobromomethane, CAS: 74-97-5

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 3.57 | 128.00 | 49       | 0.044796 |
| 3.57 | 49.00  | 30       |          |
| 3.55 | 130.00 | 43       |          |

Reviewer: W9CM, 14-Oct-2022 15:01:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

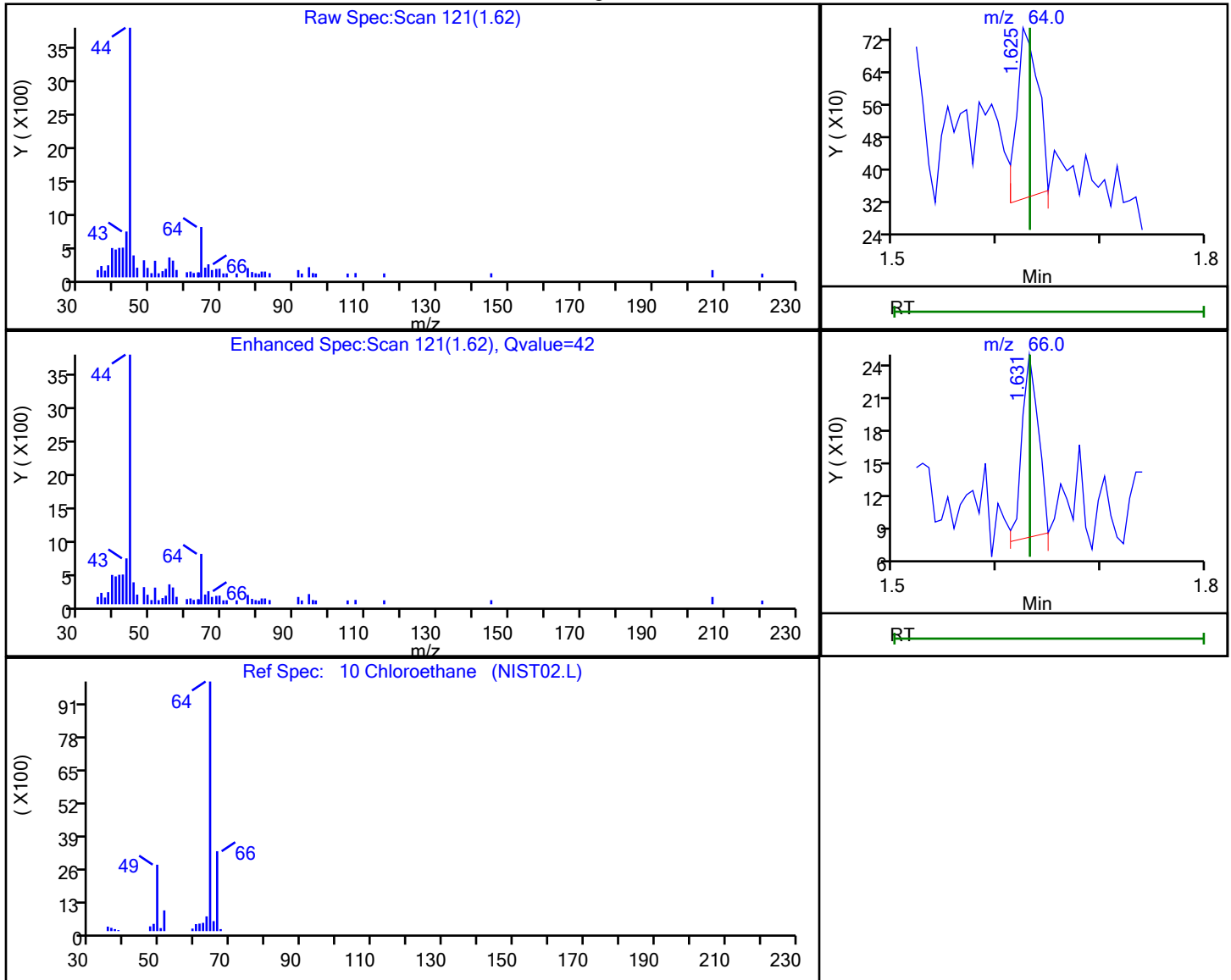
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 10 Chloroethane, CAS: 75-00-3

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 1.62 | 64.00 | 600      | 0.250000 |
| 1.63 | 66.00 | 184      |          |

Reviewer: HVW2, 12-Oct-2022 23:53:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

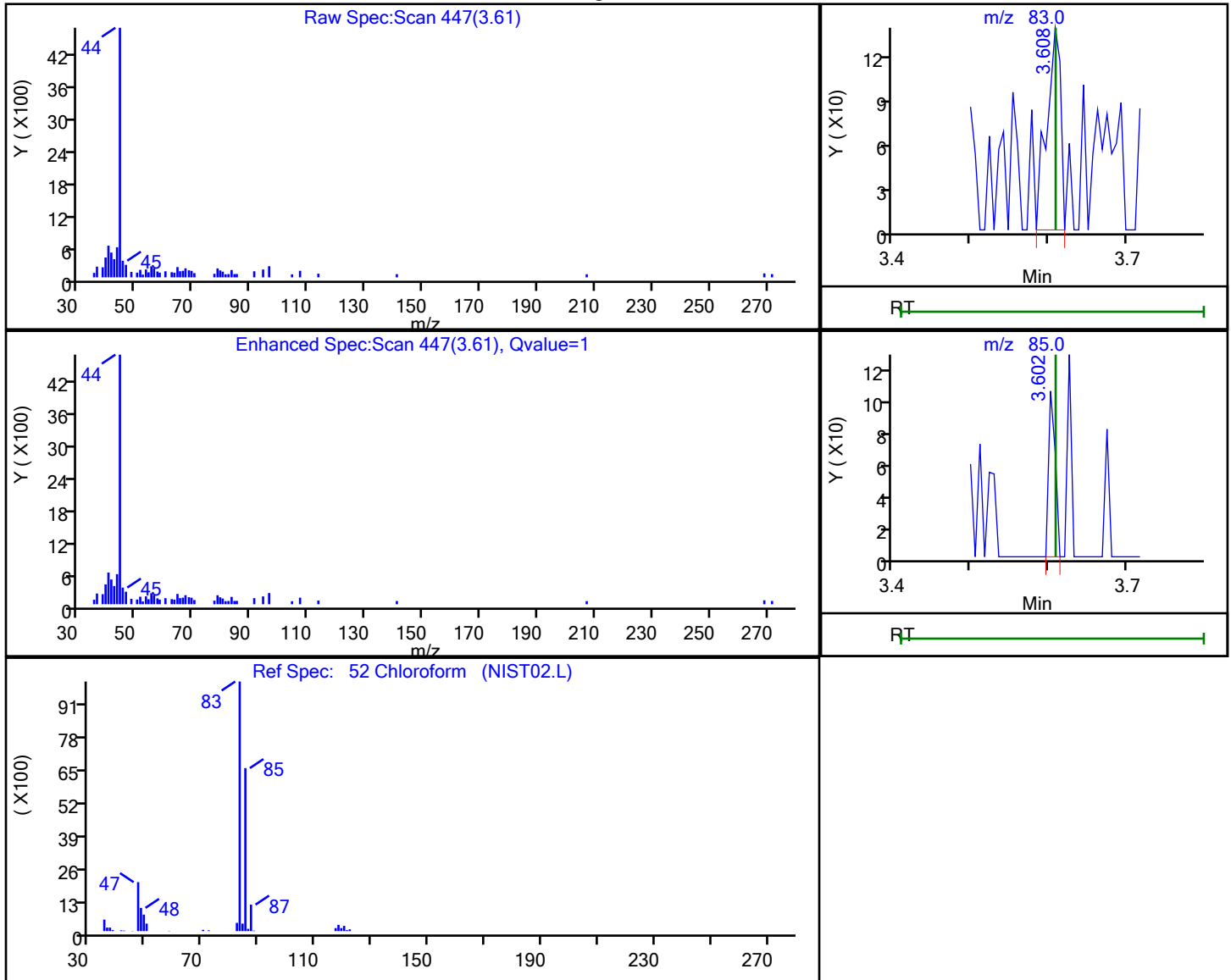
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 52 Chloroform, CAS: 67-66-3

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 3.61 | 83.00 | 172      | 0.038987 |
| 3.60 | 85.00 | 59       |          |

Reviewer: W9CM, 14-Oct-2022 15:01:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

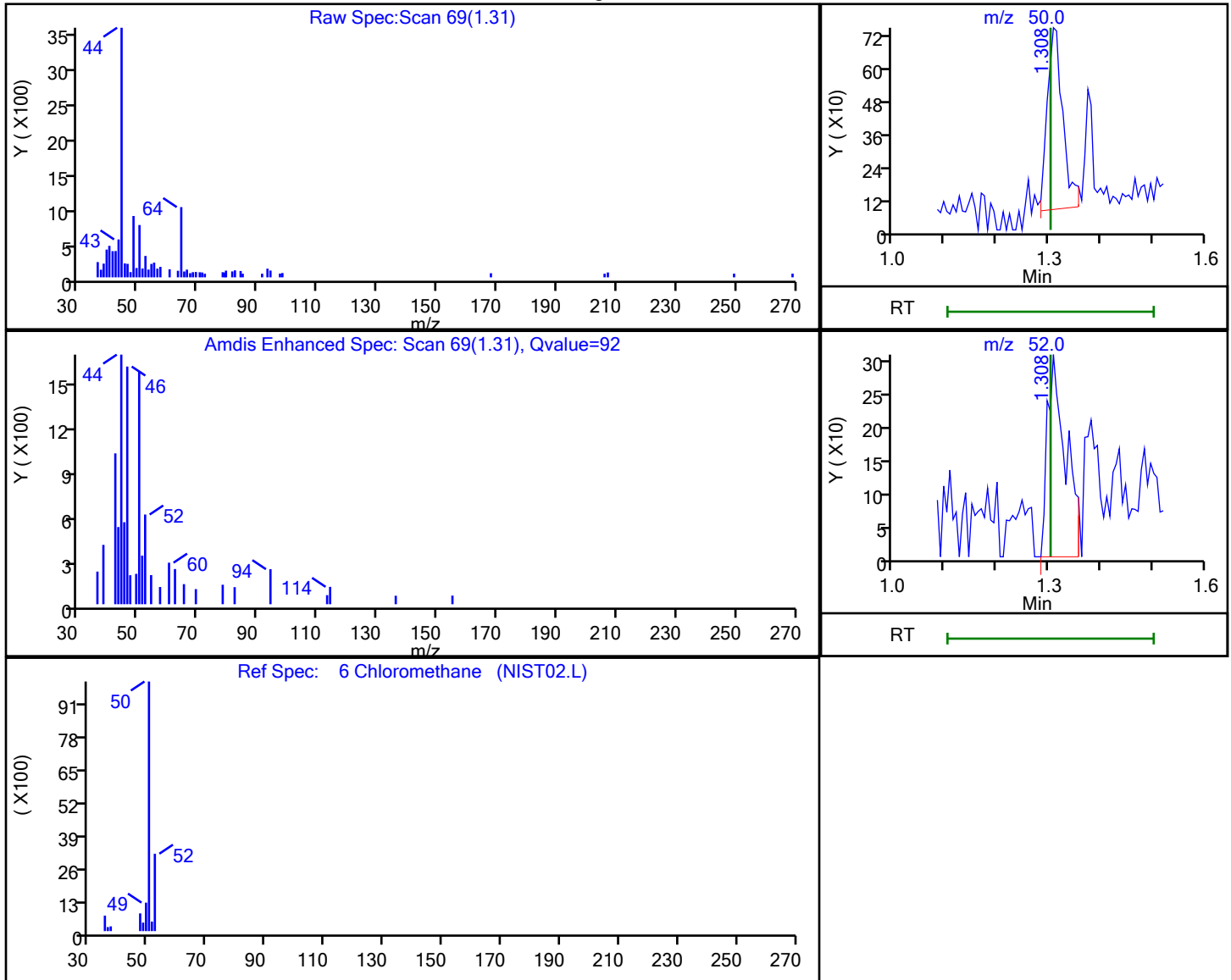
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 6 Chloromethane, CAS: 74-87-3

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 1.31 | 50.00 | 1393     | 0.250000 |
| 1.31 | 52.00 | 746      |          |

Reviewer: HVW2, 12-Oct-2022 23:53:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

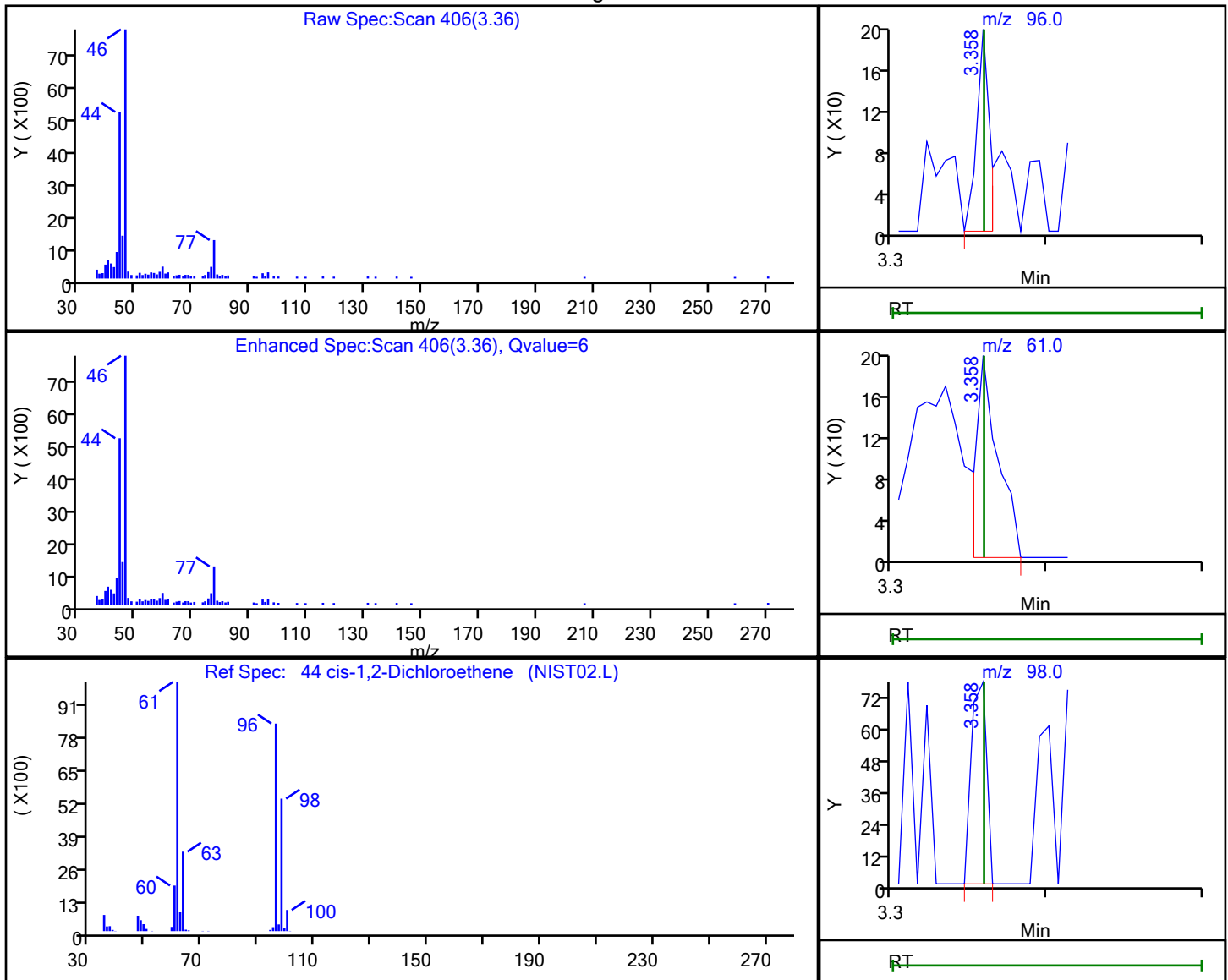
Column: Rtx-624 ( 0.25 mm)

Detector

MS SCAN

## 44 cis-1,2-Dichloroethene, CAS: 156-59-2

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 3.36 | 96.00 | 113      | 0.045723 |
| 3.36 | 61.00 | 192      |          |
| 3.36 | 98.00 | 54       |          |

Reviewer: W9CM, 14-Oct-2022 15:01:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

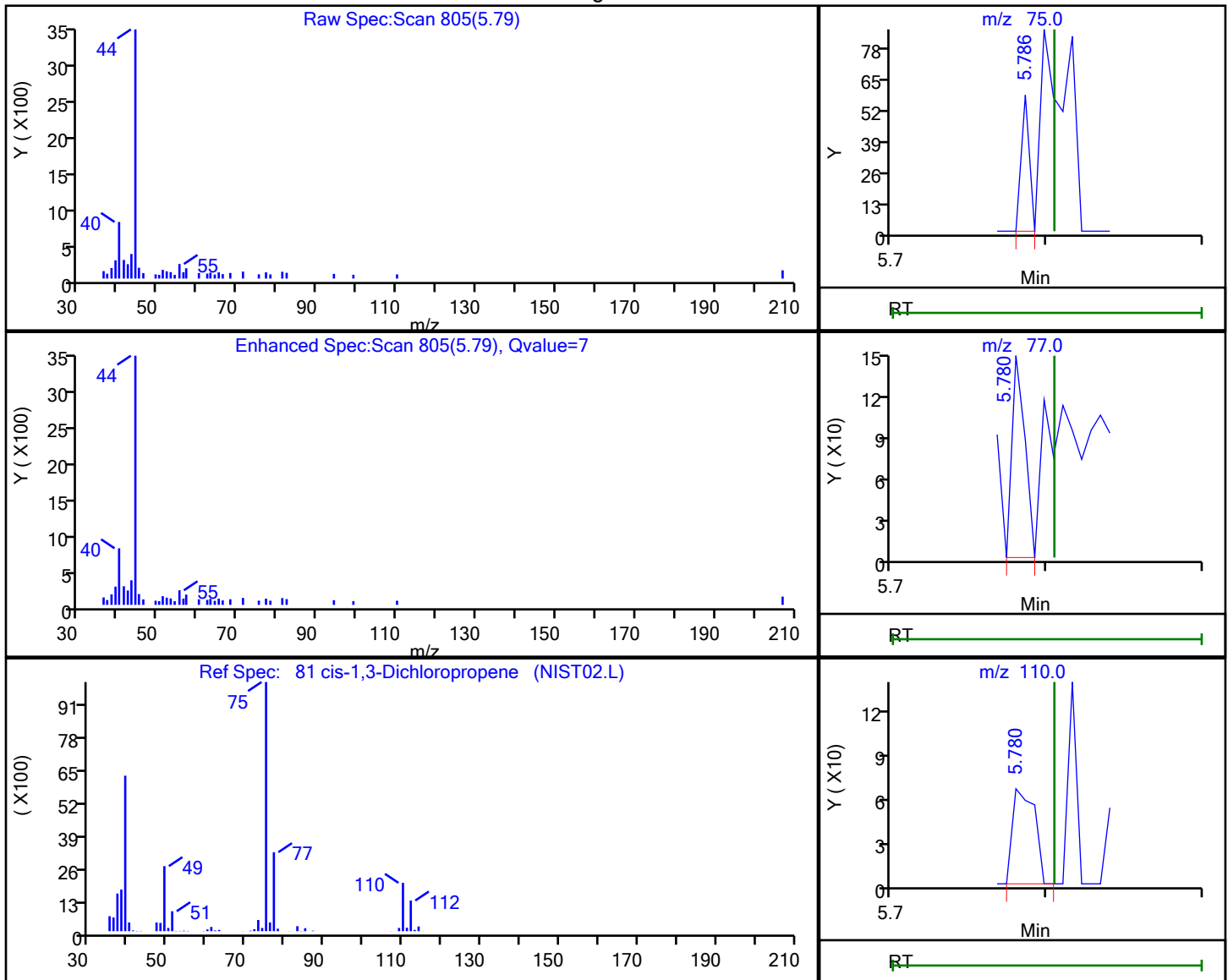
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

## 81 cis-1,3-Dichloropropene, CAS: 10061-01-5

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 5.79 | 75.00  | 21       | 0.004552 |
| 5.78 | 77.00  | 84       |          |
| 5.78 | 110.00 | 64       |          |

Reviewer: W9CM, 14-Oct-2022 15:02:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

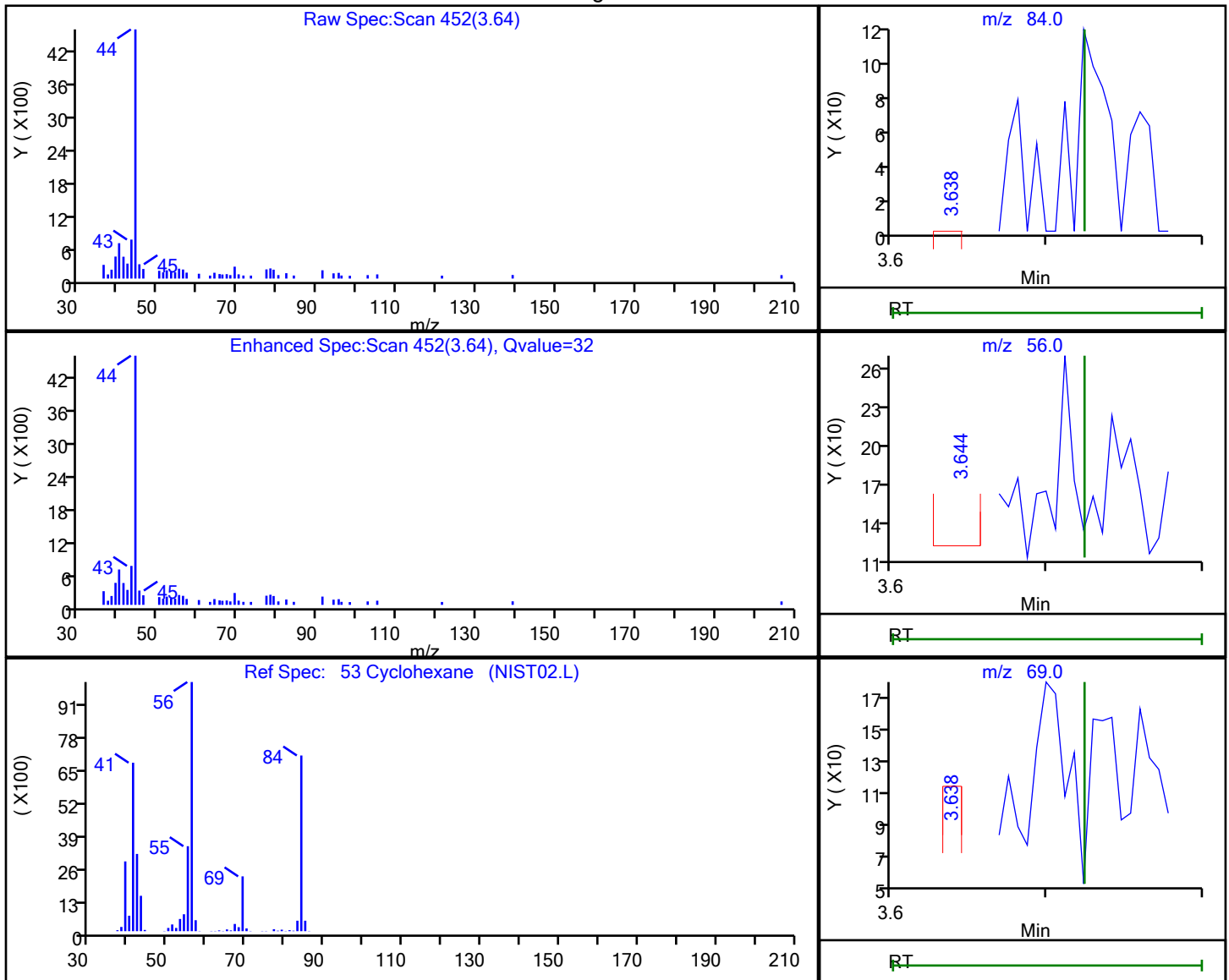
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 53 Cyclohexane, CAS: 110-82-7

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 3.64 | 84.00 | 40       | 0.014572 |
| 3.64 | 56.00 | 94       |          |
| 3.64 | 69.00 | 108      |          |

Reviewer: W9CM, 14-Oct-2022 15:01:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

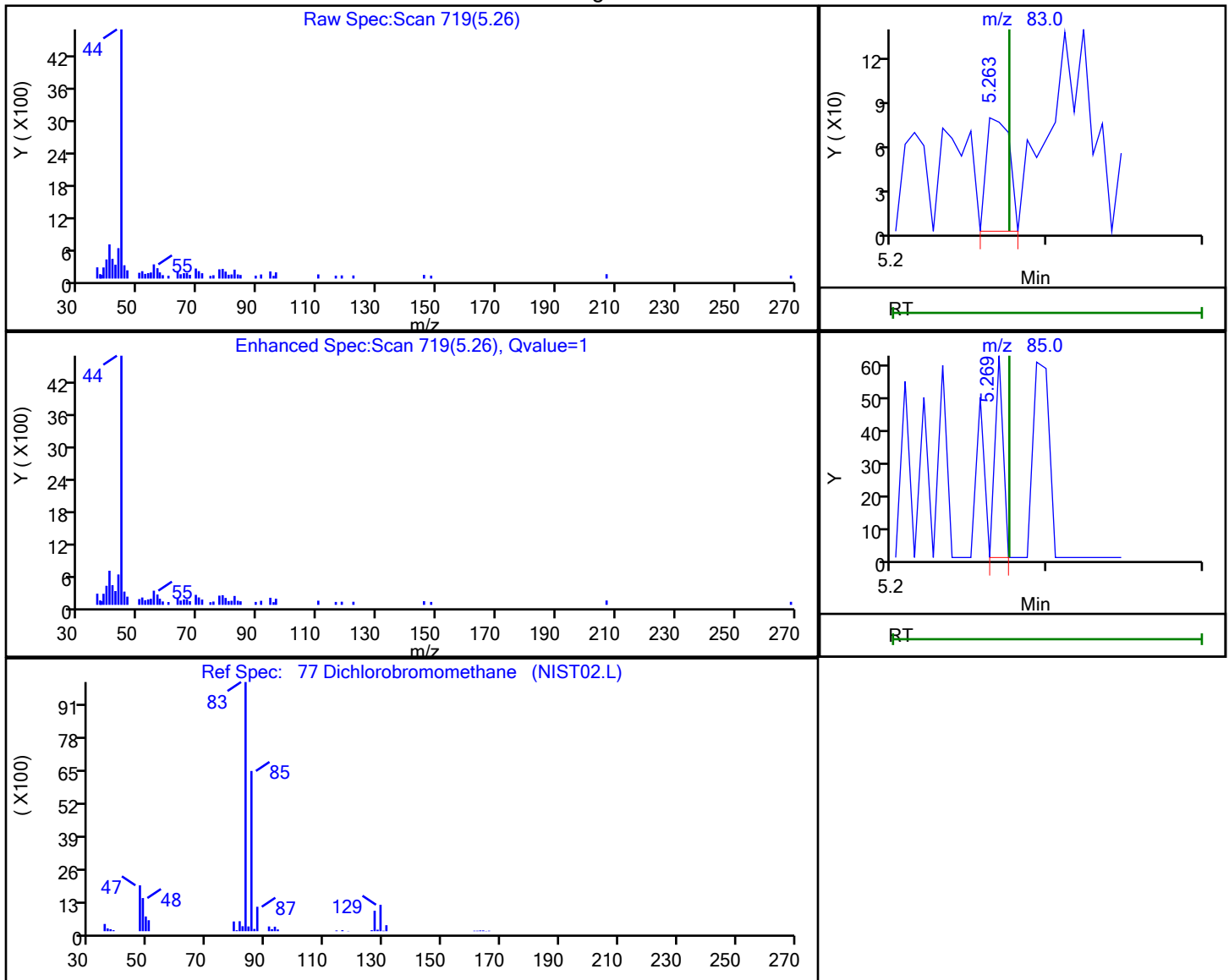
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 77 Dichlorobromomethane, CAS: 75-27-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 5.26 | 83.00 | 80       | 0.024113 |
| 5.27 | 85.00 | 23       |          |

Reviewer: W9CM, 14-Oct-2022 15:02:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

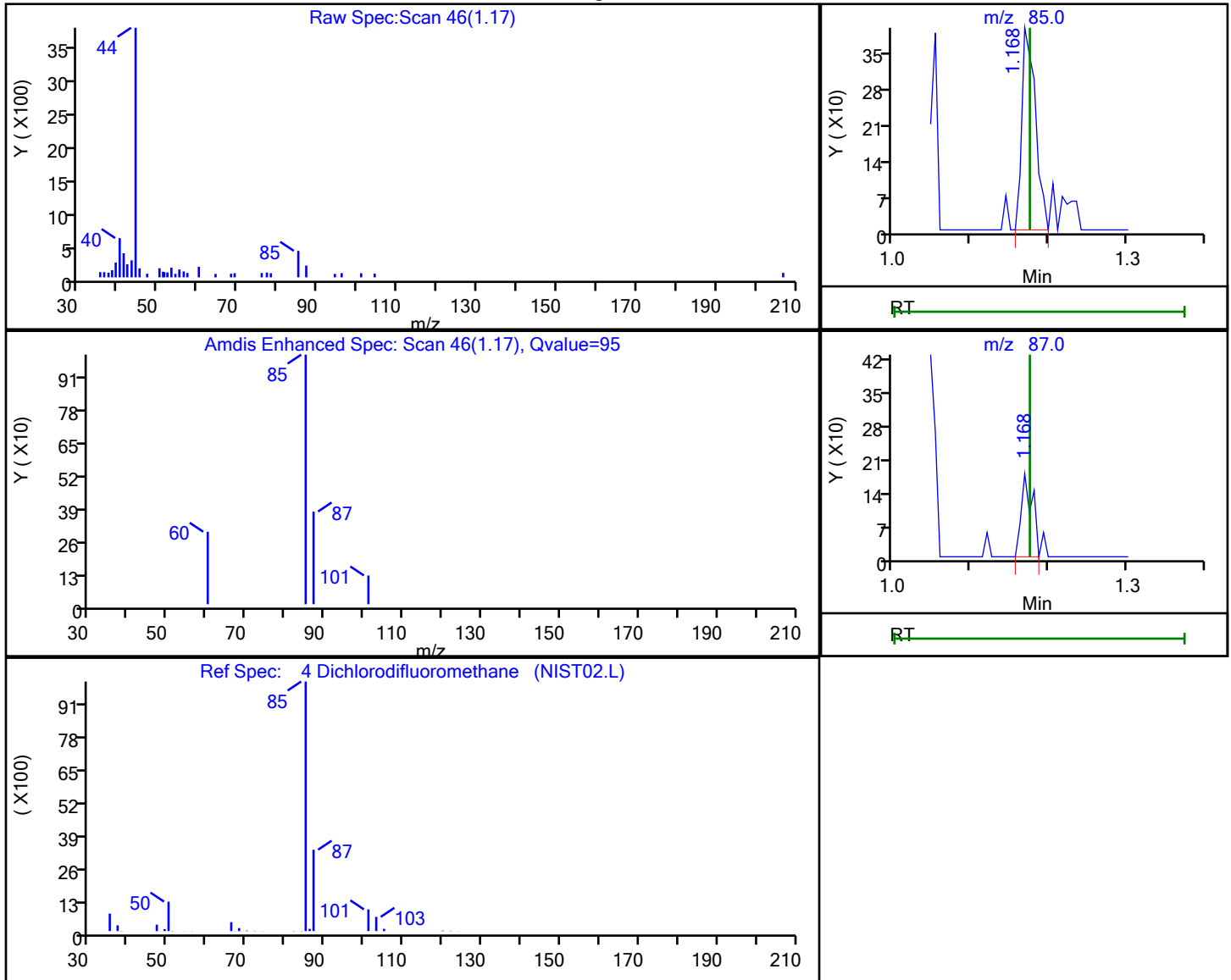
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

## 4 Dichlorodifluoromethane, CAS: 75-71-8

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 1.17 | 85.00 | 479      | 0.250000 |
| 1.17 | 87.00 | 175      |          |

Reviewer: HVW2, 12-Oct-2022 23:53:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

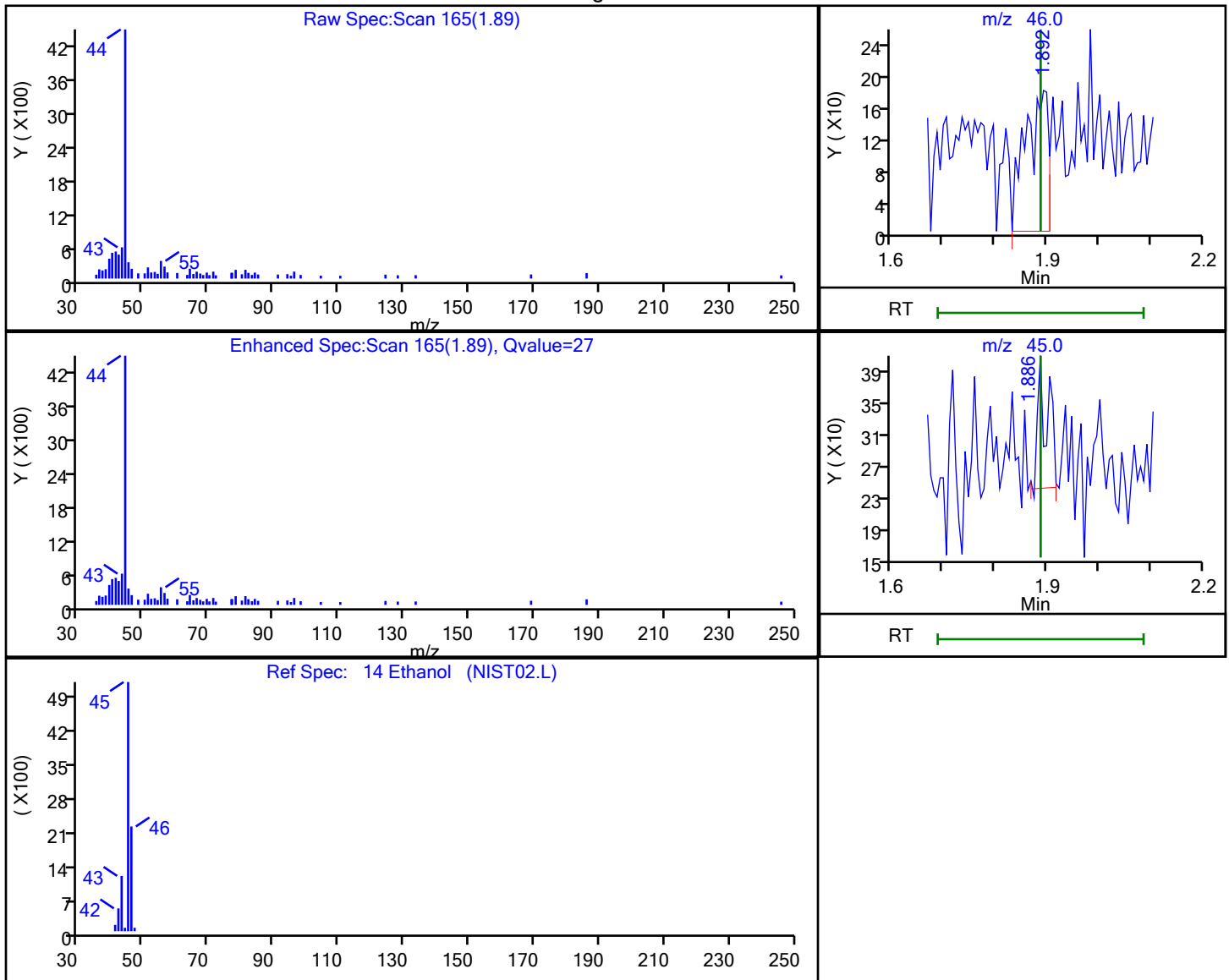
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 14 Ethanol, CAS: 64-17-5

## Processing Results



| RT   | Mass  | Response | Amount    |
|------|-------|----------|-----------|
| 1.89 | 46.00 | 544      | 86.449483 |
| 1.89 | 45.00 | 224      |           |

Reviewer: W9CM, 14-Oct-2022 14:49:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

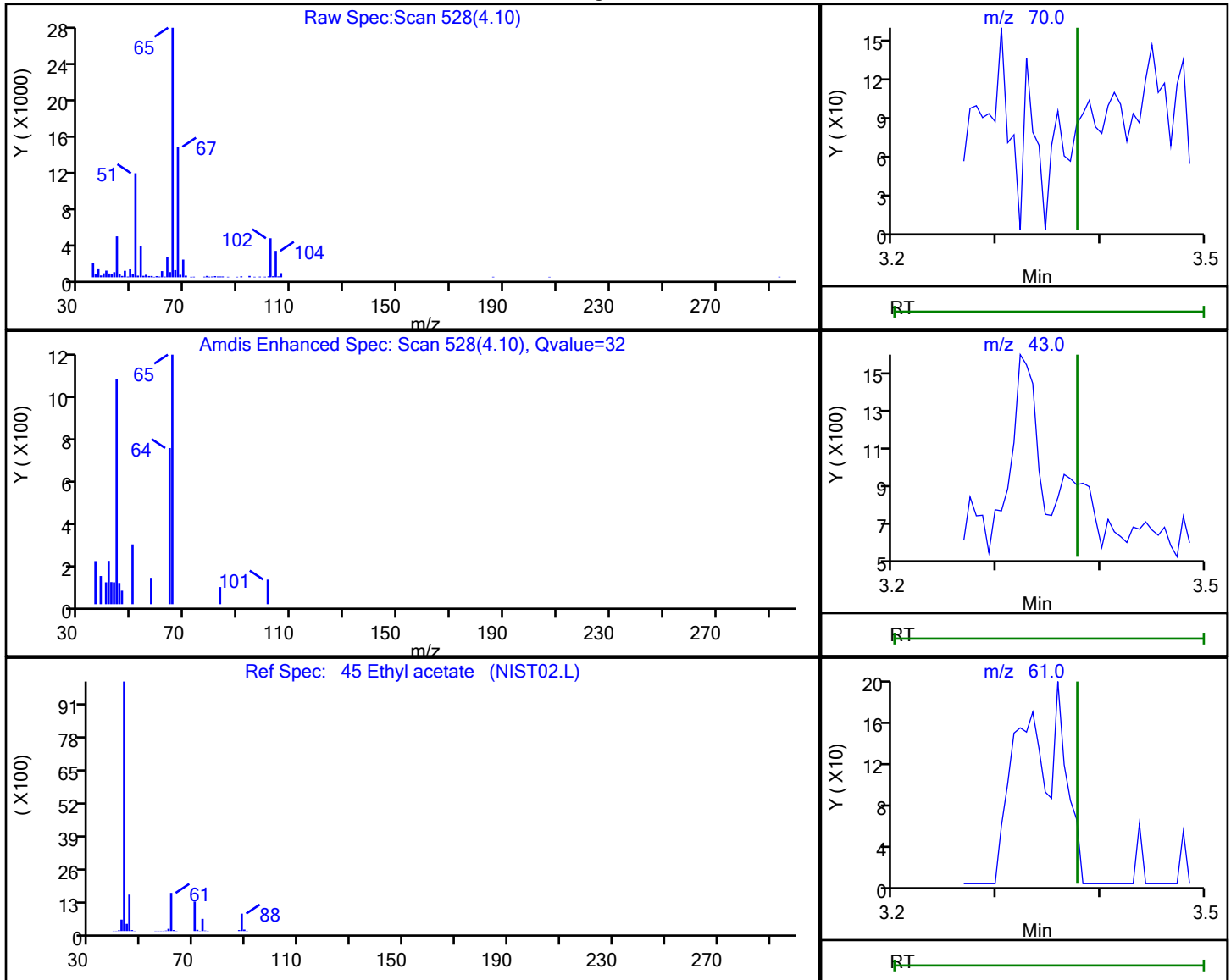
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 45 Ethyl acetate, CAS: 141-78-6

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 4.10 | 70.00 | 285      | 1.335082 |
| 4.09 | 43.00 | 295      |          |
| 4.12 | 61.00 | 16       |          |

Reviewer: W9CM, 14-Oct-2022 15:01:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

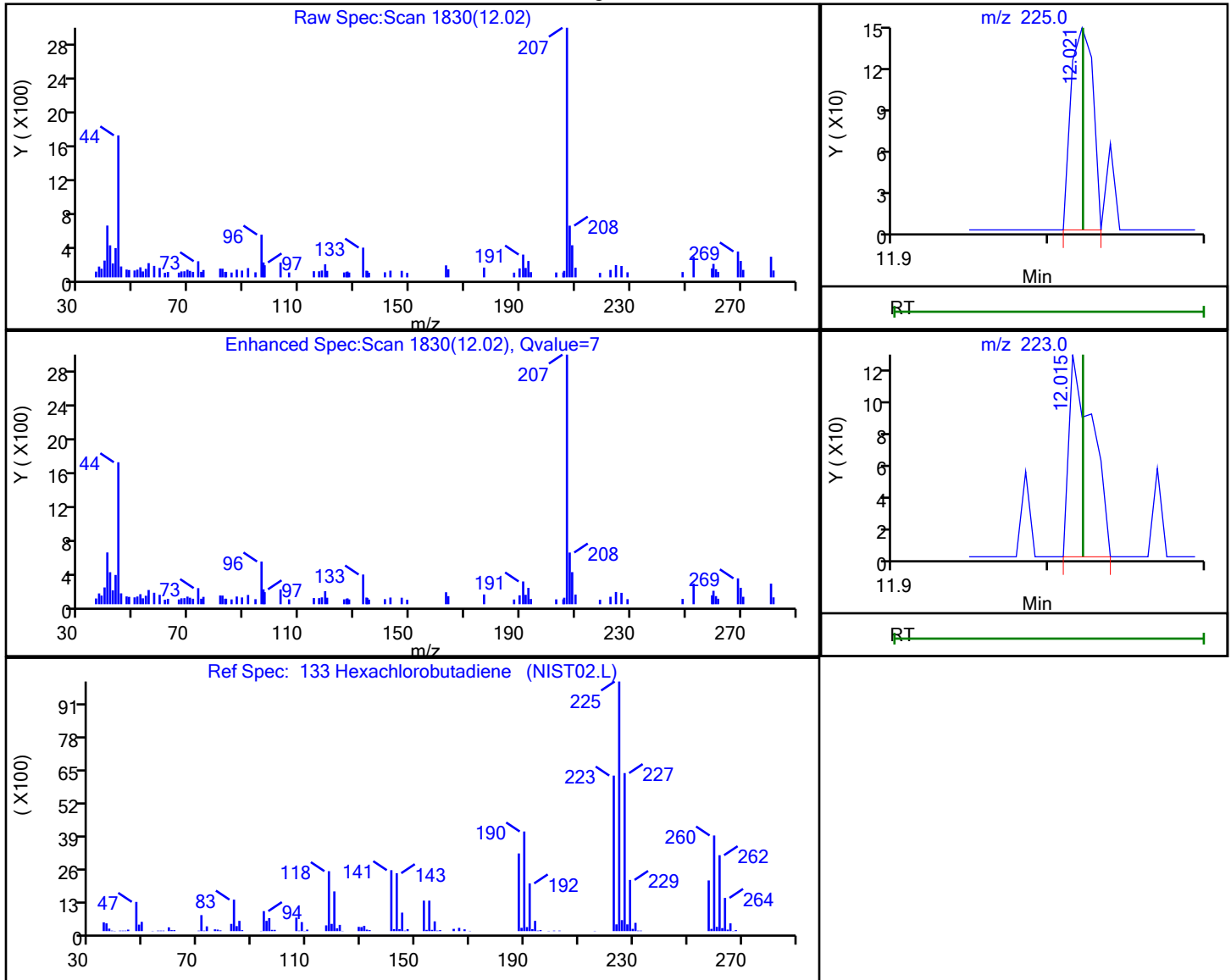
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 133 Hexachlorobutadiene, CAS: 87-68-3

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 12.02 | 225.00 | 141      | 0.131871 |
| 12.02 | 223.00 | 132      |          |

Reviewer: W9CM, 14-Oct-2022 15:03:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

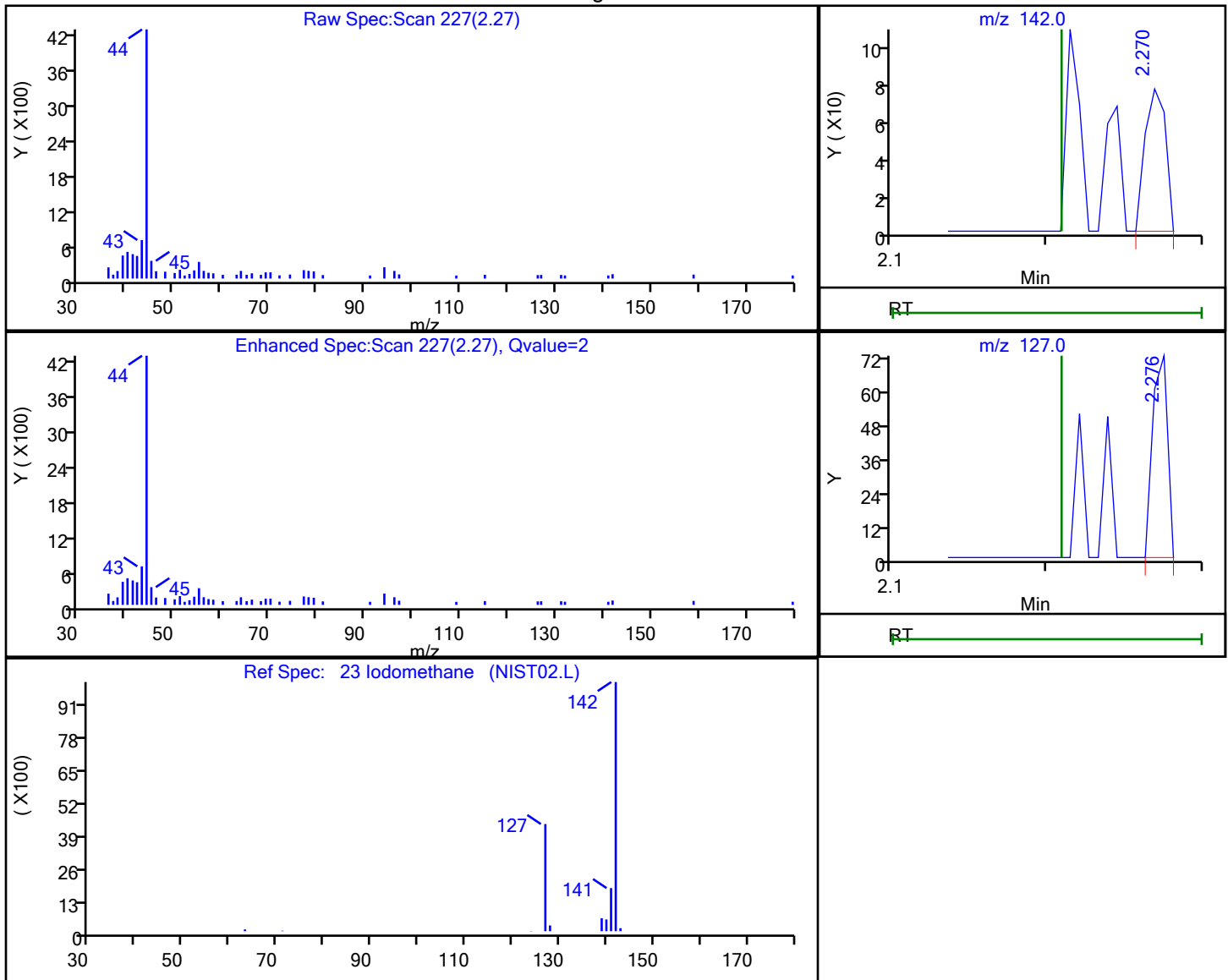
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 23 Iodomethane, CAS: 74-88-4

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 2.27 | 142.00 | 68       | 0.026985 |
| 2.28 | 127.00 | 49       |          |

Reviewer: W9CM, 14-Oct-2022 15:00:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

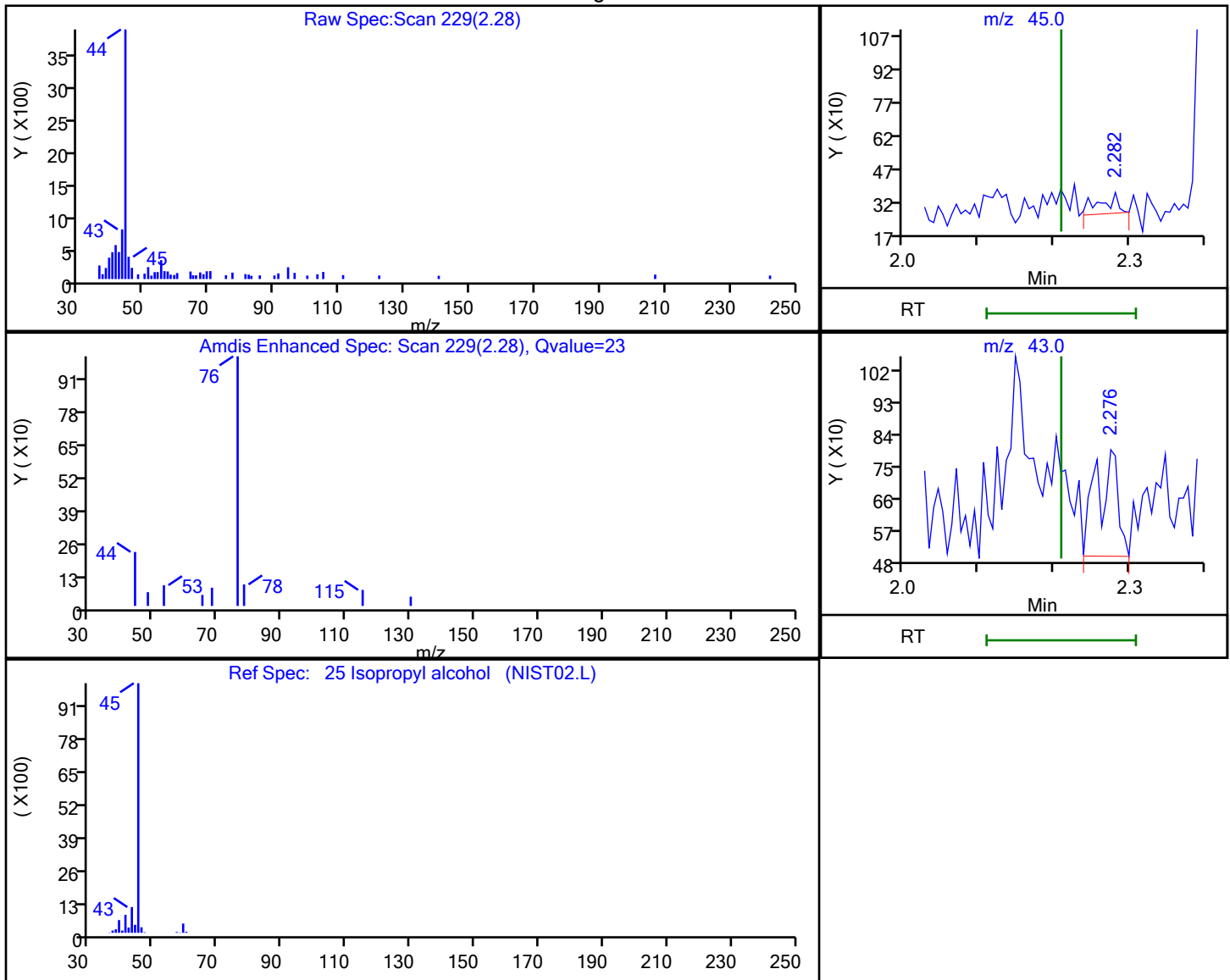
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 25 Isopropyl alcohol, CAS: 67-63-0

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 2.28 | 45.00 | 155      | 1.679015 |
| 2.28 | 43.00 | 601      |          |

Reviewer: W9CM, 14-Oct-2022 15:00:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

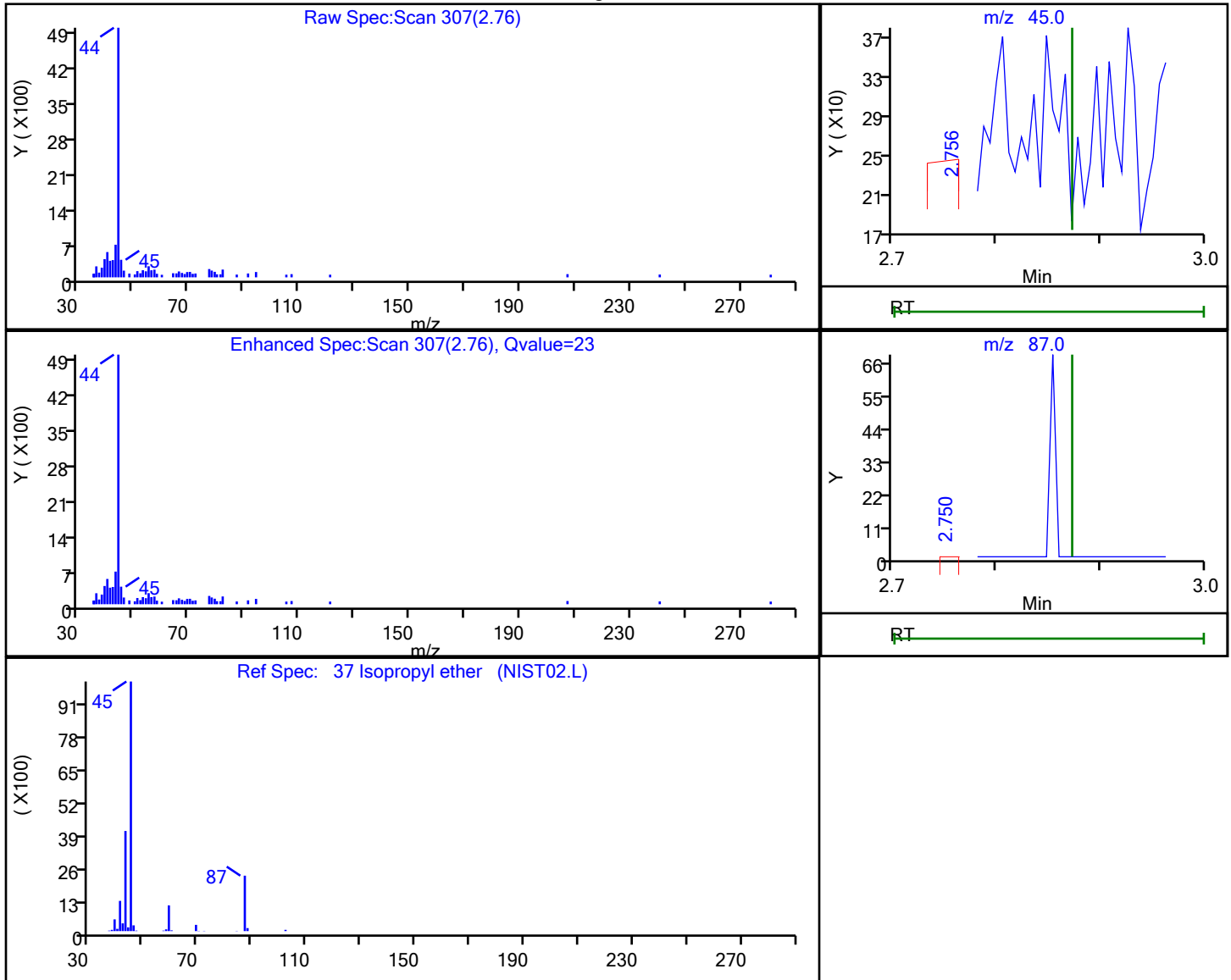
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 37 Isopropyl ether, CAS: 108-20-3

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 2.76 | 45.00 | 124      | 0.013315 |
| 2.75 | 87.00 | 46       |          |

Reviewer: W9CM, 14-Oct-2022 15:01:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

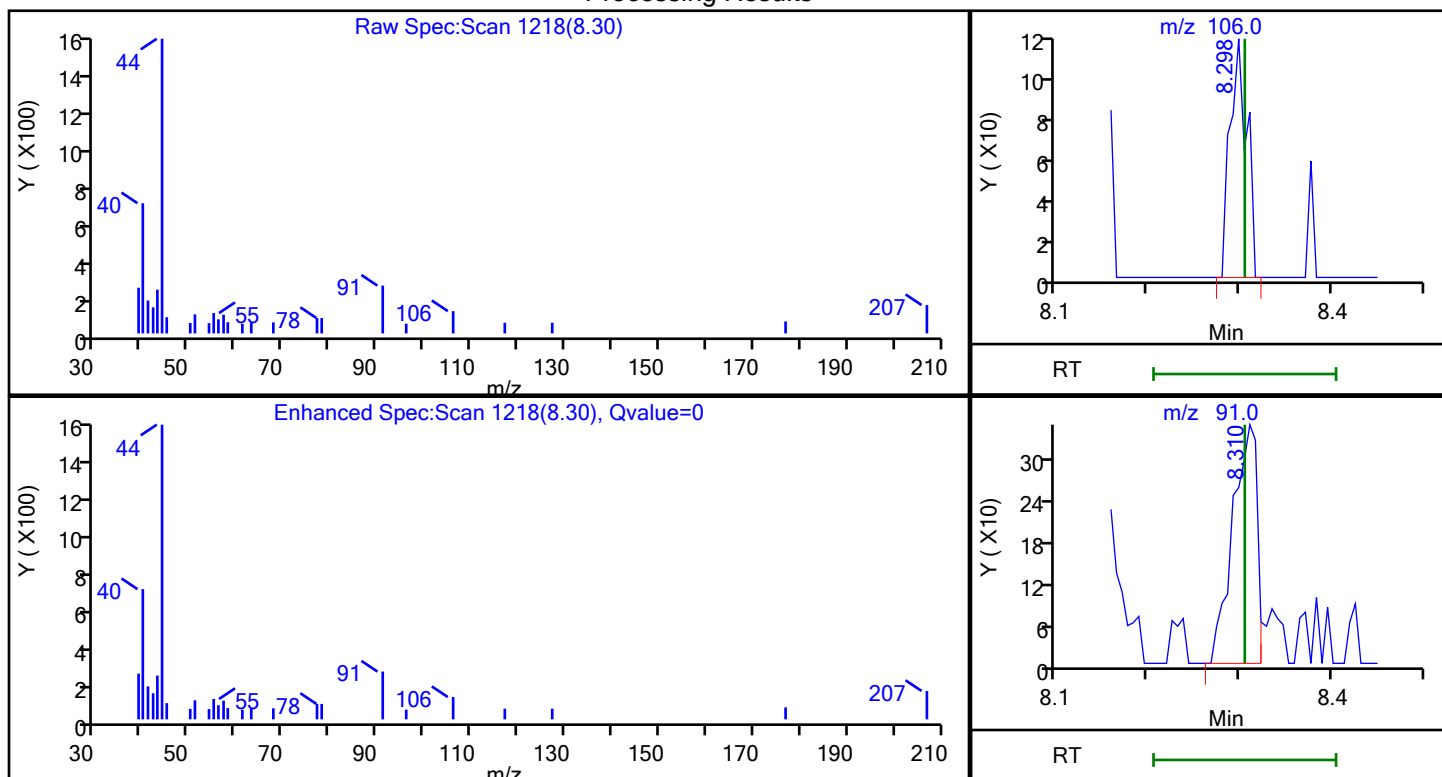
Column: Rtx-624 ( 0.25 mm)

Detector

MS SCAN

## 98 m-Xylene &amp; p-Xylene, CAS: 179601-23-1

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 8.30 | 106.00 | 150      | 0.037266 |
| 8.31 | 91.00  | 634      |          |

Reviewer: W9CM, 14-Oct-2022 15:02:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

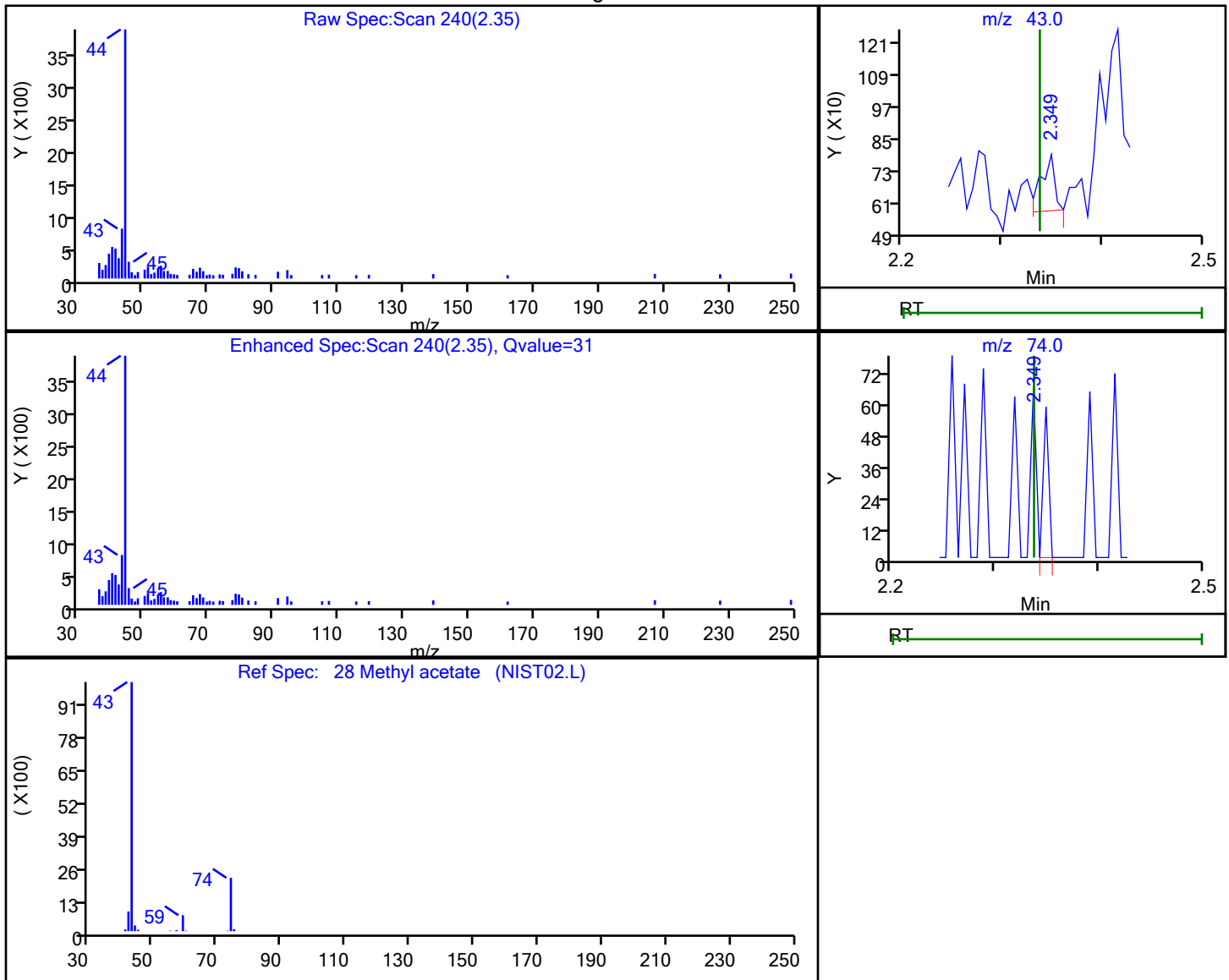
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 28 Methyl acetate, CAS: 79-20-9

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 2.35 | 43.00 | 200      | 0.104410 |
| 2.35 | 74.00 | 22       |          |

Reviewer: W9CM, 14-Oct-2022 15:01:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

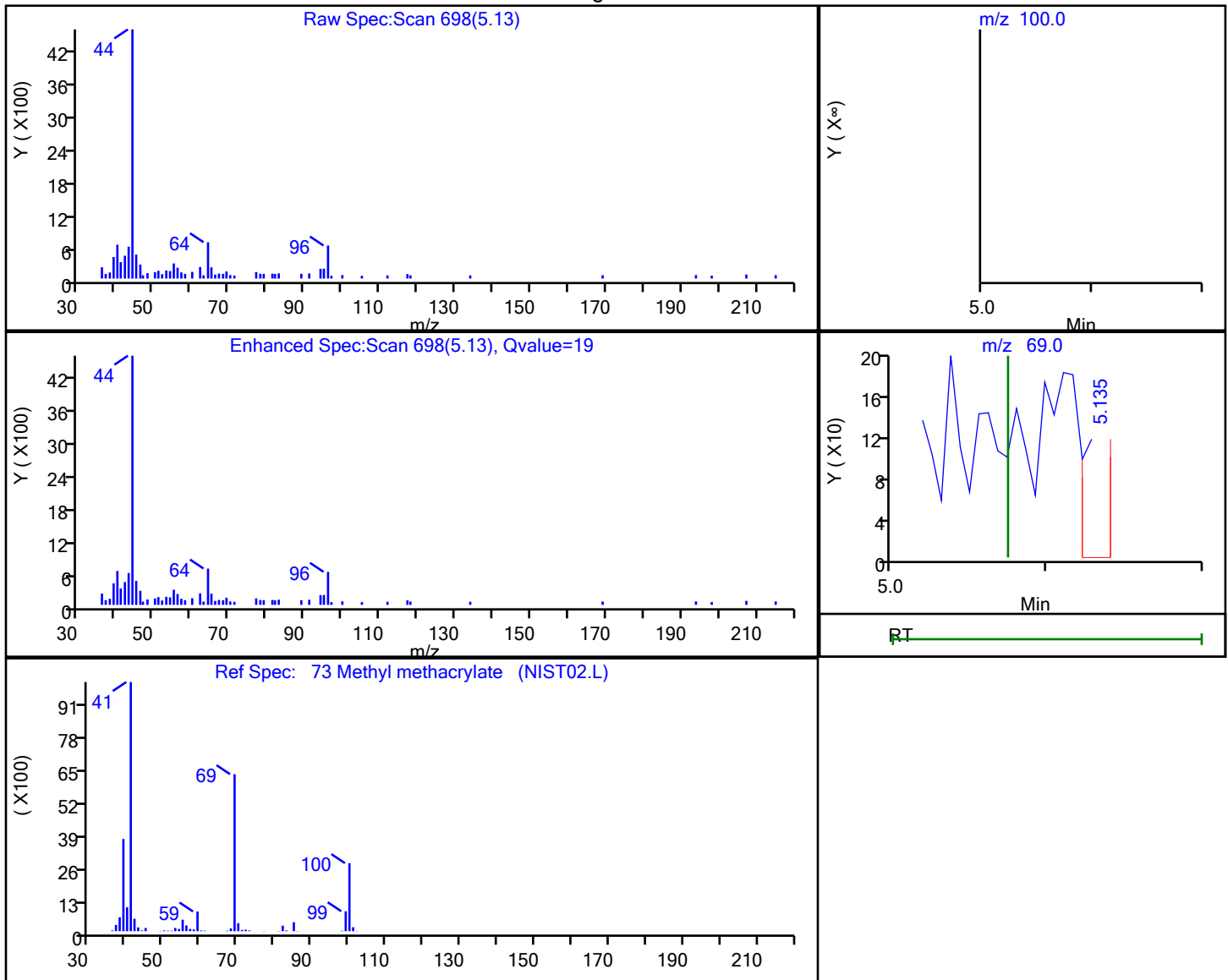
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 73 Methyl methacrylate, CAS: 80-62-6

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 5.13 | 100.00 | 43       | 0.096020 |
| 5.13 | 69.00  | 143      |          |

Reviewer: W9CM, 14-Oct-2022 15:02:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

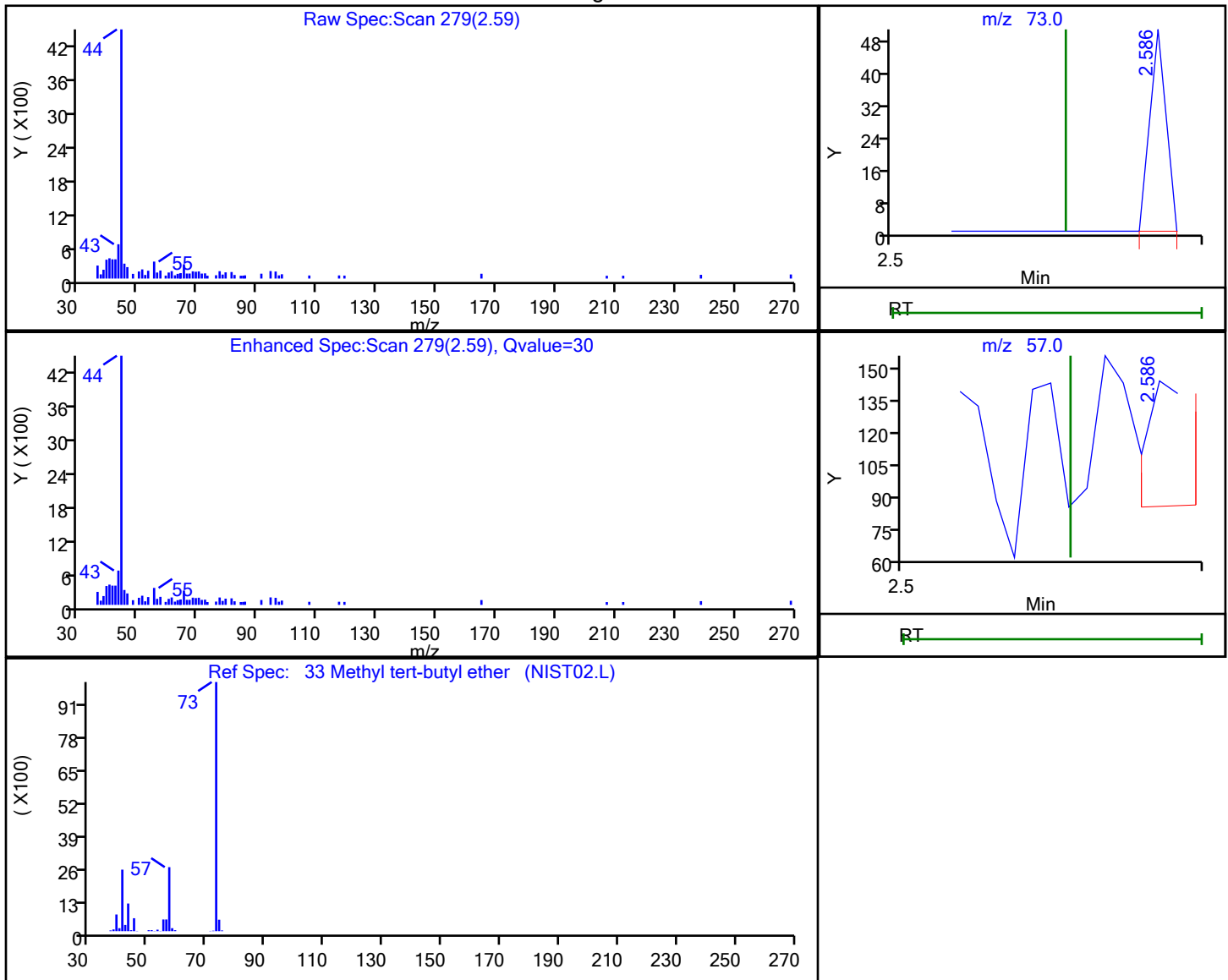
Column: Rtx-624 ( 0.25 mm)

Detector

MS SCAN

## 33 Methyl tert-butyl ether, CAS: 1634-04-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 2.59 | 73.00 | 19       | 0.003118 |
| 2.59 | 57.00 | 51       |          |

Reviewer: W9CM, 14-Oct-2022 15:01:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

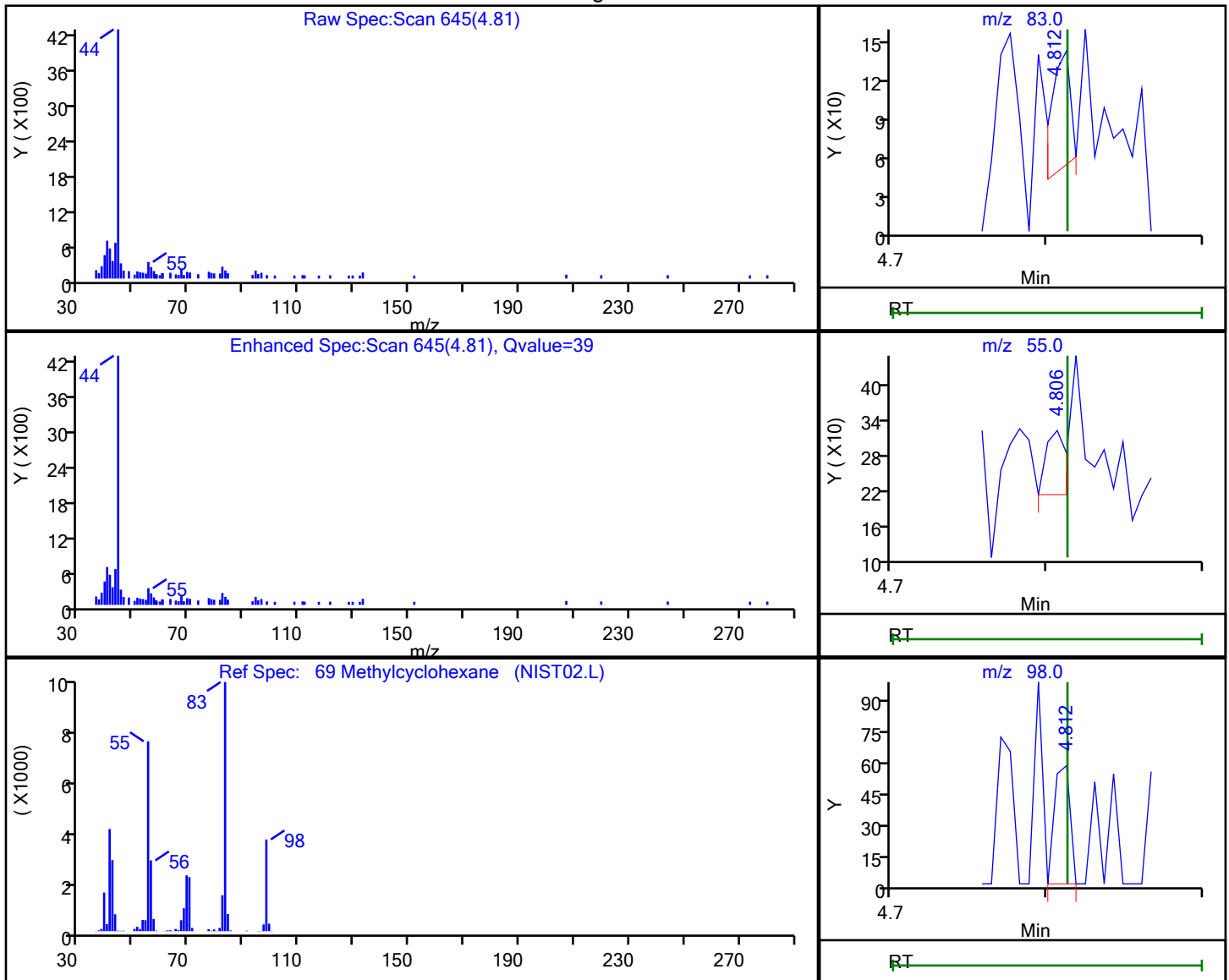
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 69 Methylcyclohexane, CAS: 108-87-2

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 4.81 | 83.00 | 74       | 0.026220 |
| 4.81 | 55.00 | 96       |          |
| 4.81 | 98.00 | 41       |          |

Reviewer: W9CM, 14-Oct-2022 15:02:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

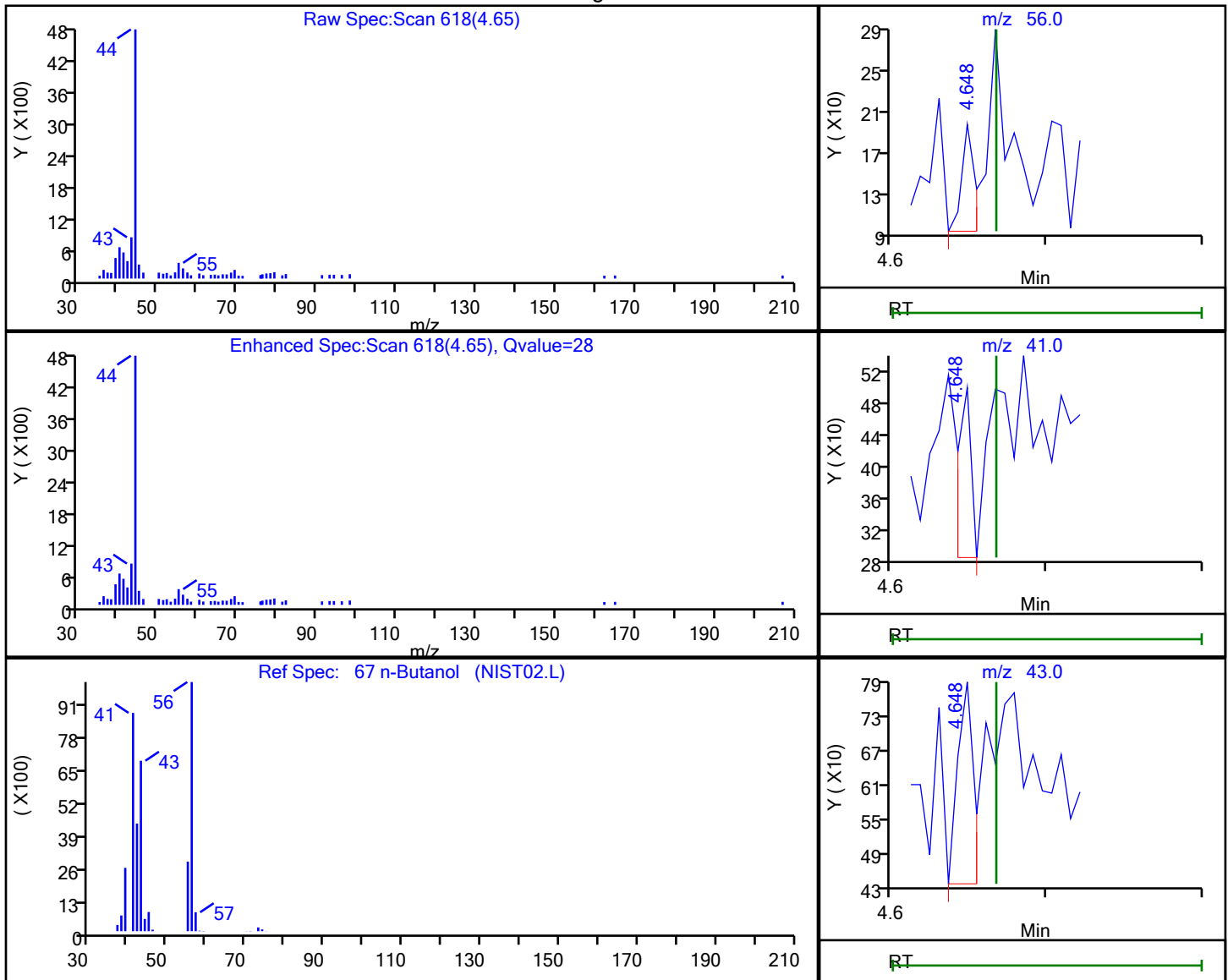
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 67 n-Butanol, CAS: 71-36-3

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 4.65 | 56.00 | 57       | 1.801659 |
| 4.65 | 41.00 | 126      |          |
| 4.65 | 43.00 | 257      |          |

Reviewer: W9CM, 14-Oct-2022 15:02:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

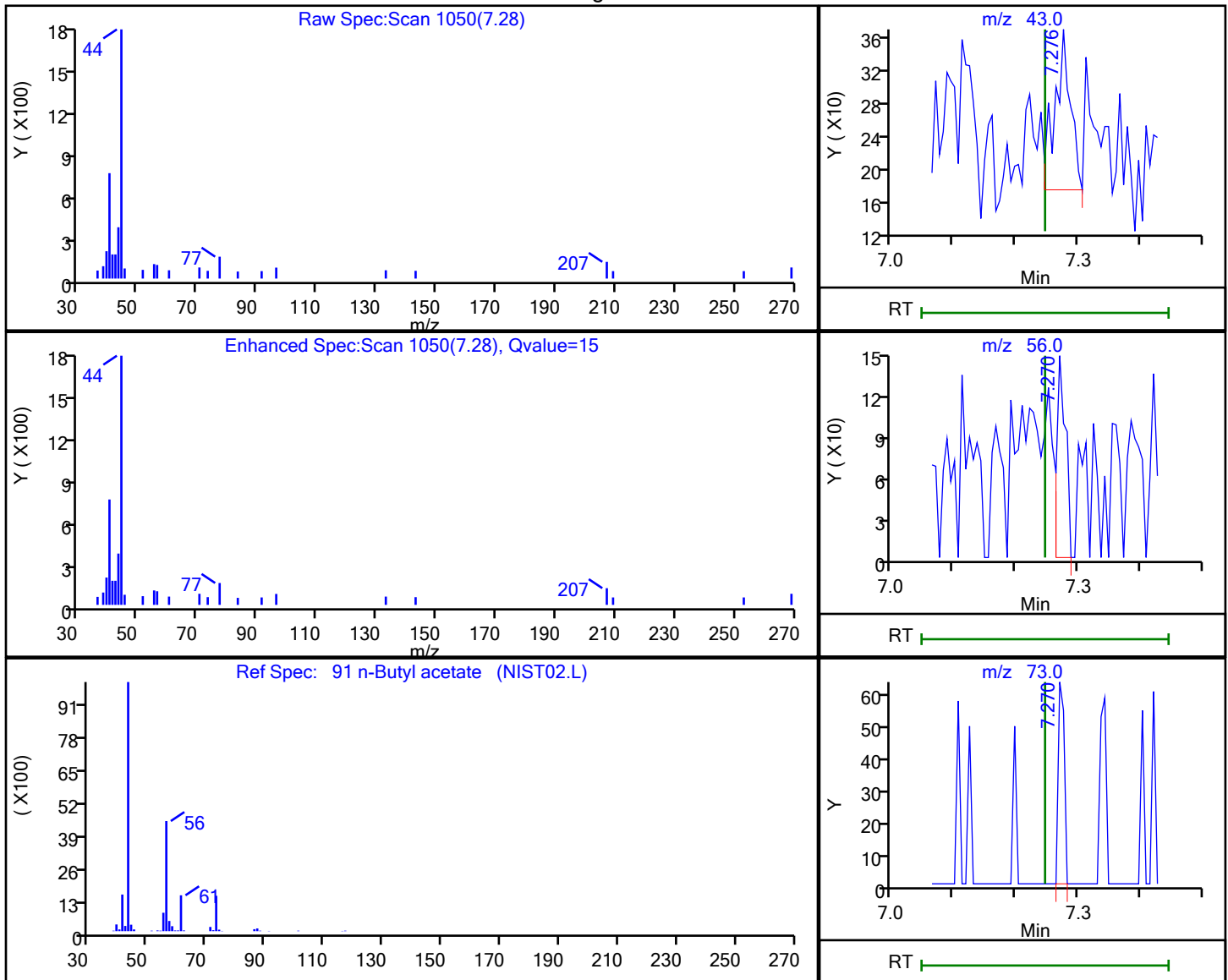
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

## 91 n-Butyl acetate, CAS: 123-86-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 7.28 | 43.00 | 332      | 0.070265 |
| 7.27 | 56.00 | 144      |          |
| 7.27 | 73.00 | 43       |          |

Reviewer: W9CM, 14-Oct-2022 15:02:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

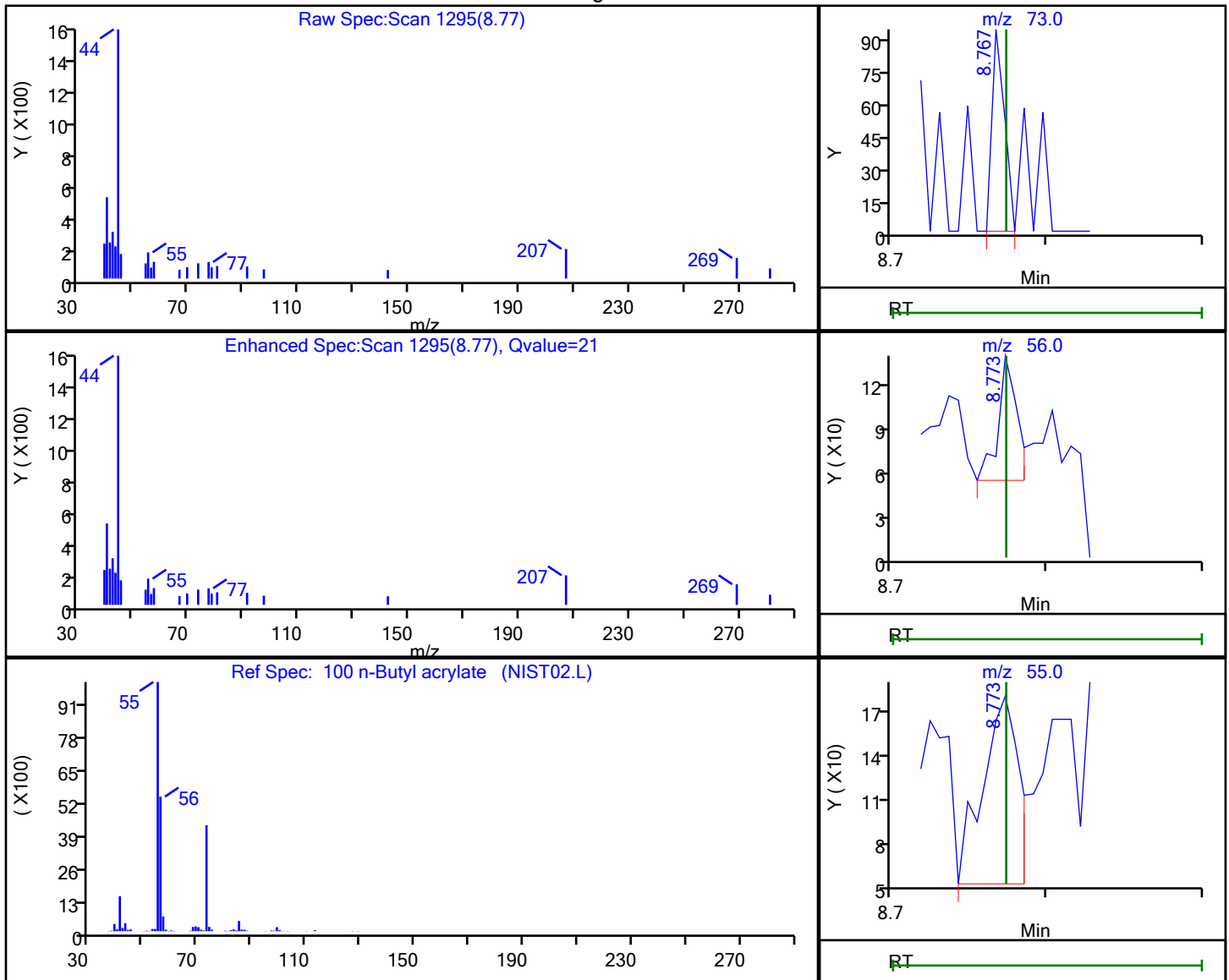
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

## 100 n-Butyl acrylate, CAS: 141-32-2

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 8.77 | 73.00 | 53       | 0.025916 |
| 8.77 | 56.00 | 71       |          |
| 8.77 | 55.00 | 197      |          |

Reviewer: W9CM, 14-Oct-2022 15:02:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

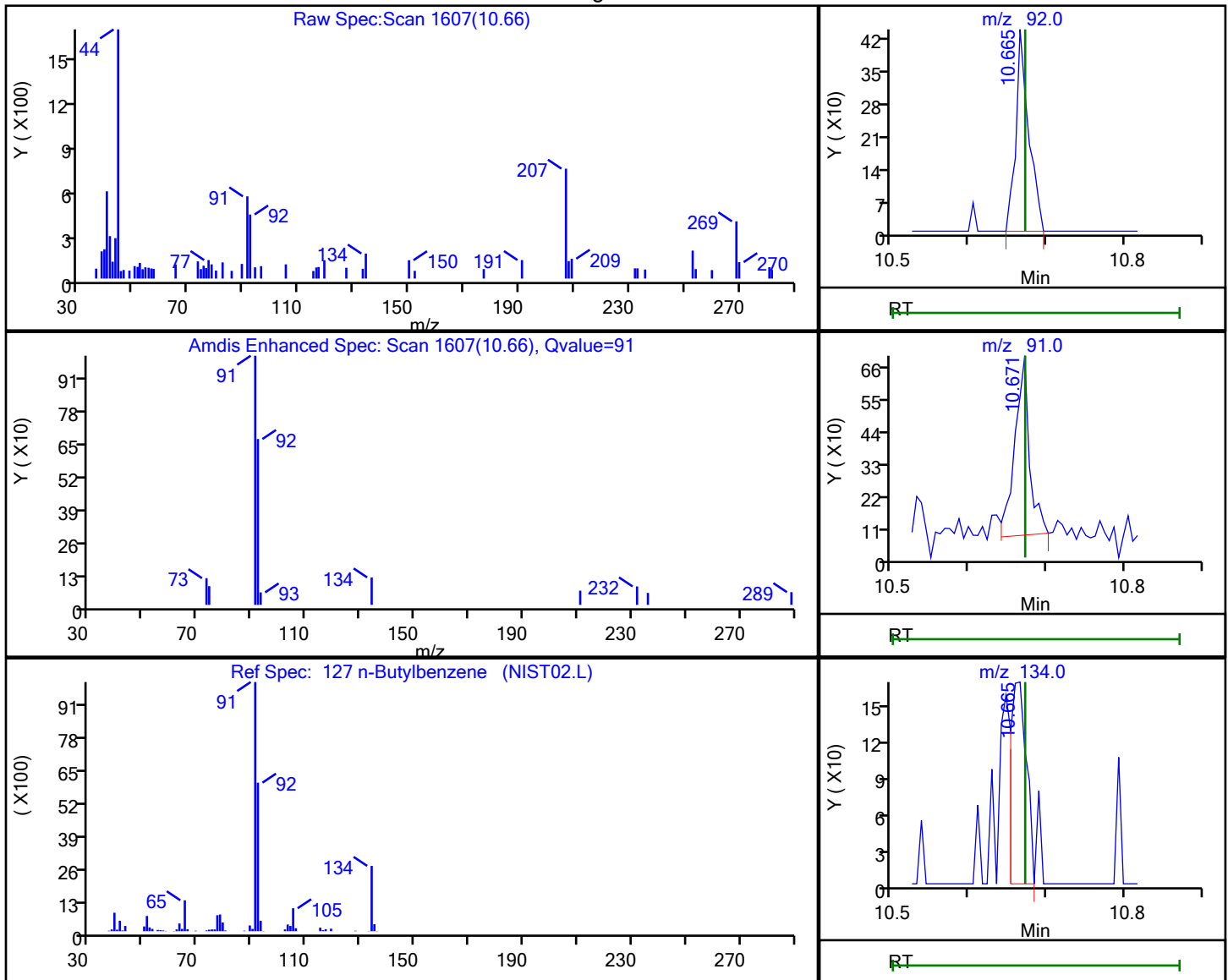
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 127 n-Butylbenzene, CAS: 104-51-8

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 10.66 | 92.00  | 499      | 0.112592 |
| 10.67 | 91.00  | 817      |          |
| 10.66 | 134.00 | 242      |          |

Reviewer: W9CM, 14-Oct-2022 15:03:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

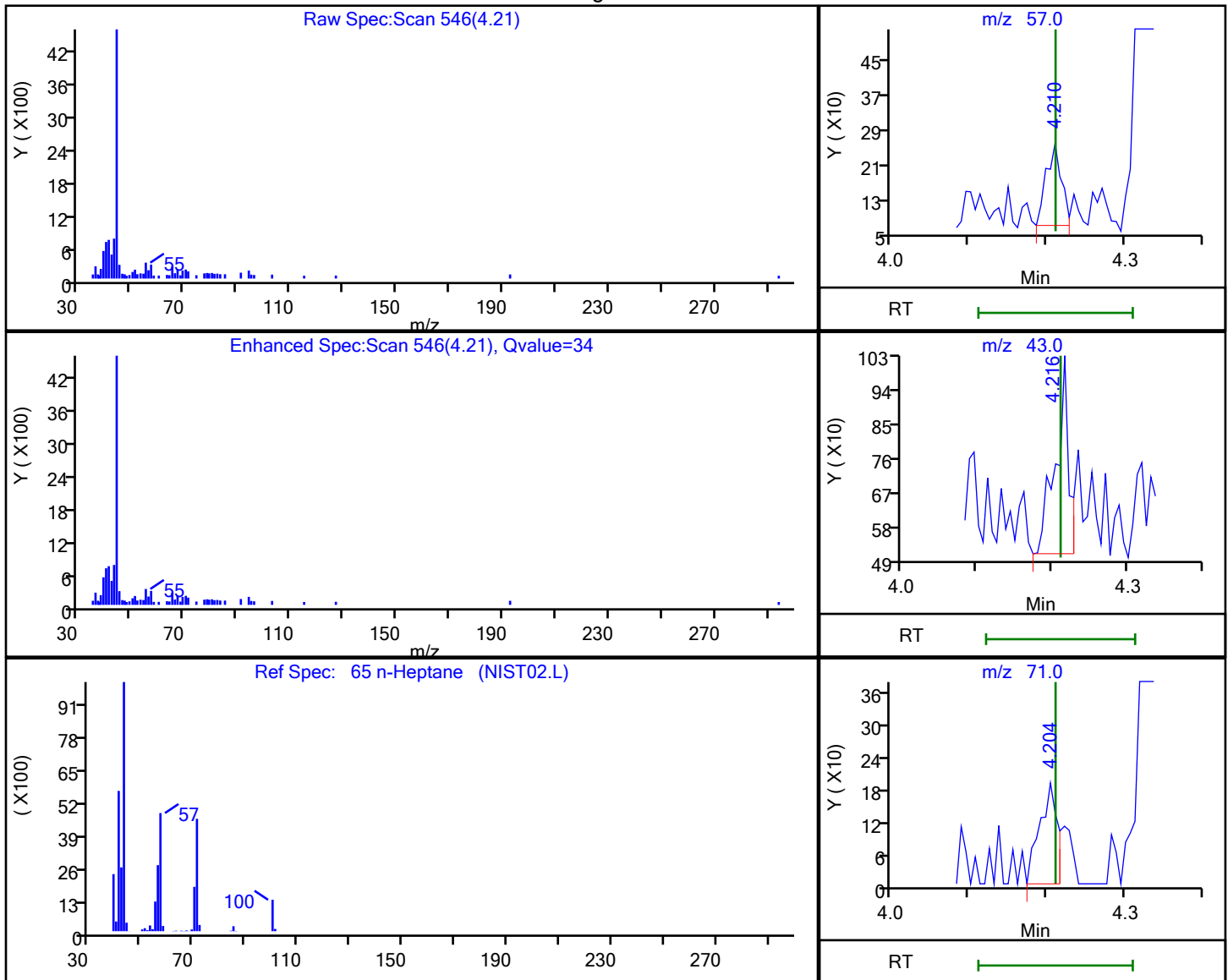
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 65 n-Heptane, CAS: 142-82-5

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 4.21 | 57.00 | 256      | 0.229624 |
| 4.22 | 43.00 | 631      |          |
| 4.20 | 71.00 | 300      |          |

Reviewer: W9CM, 14-Oct-2022 15:02:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

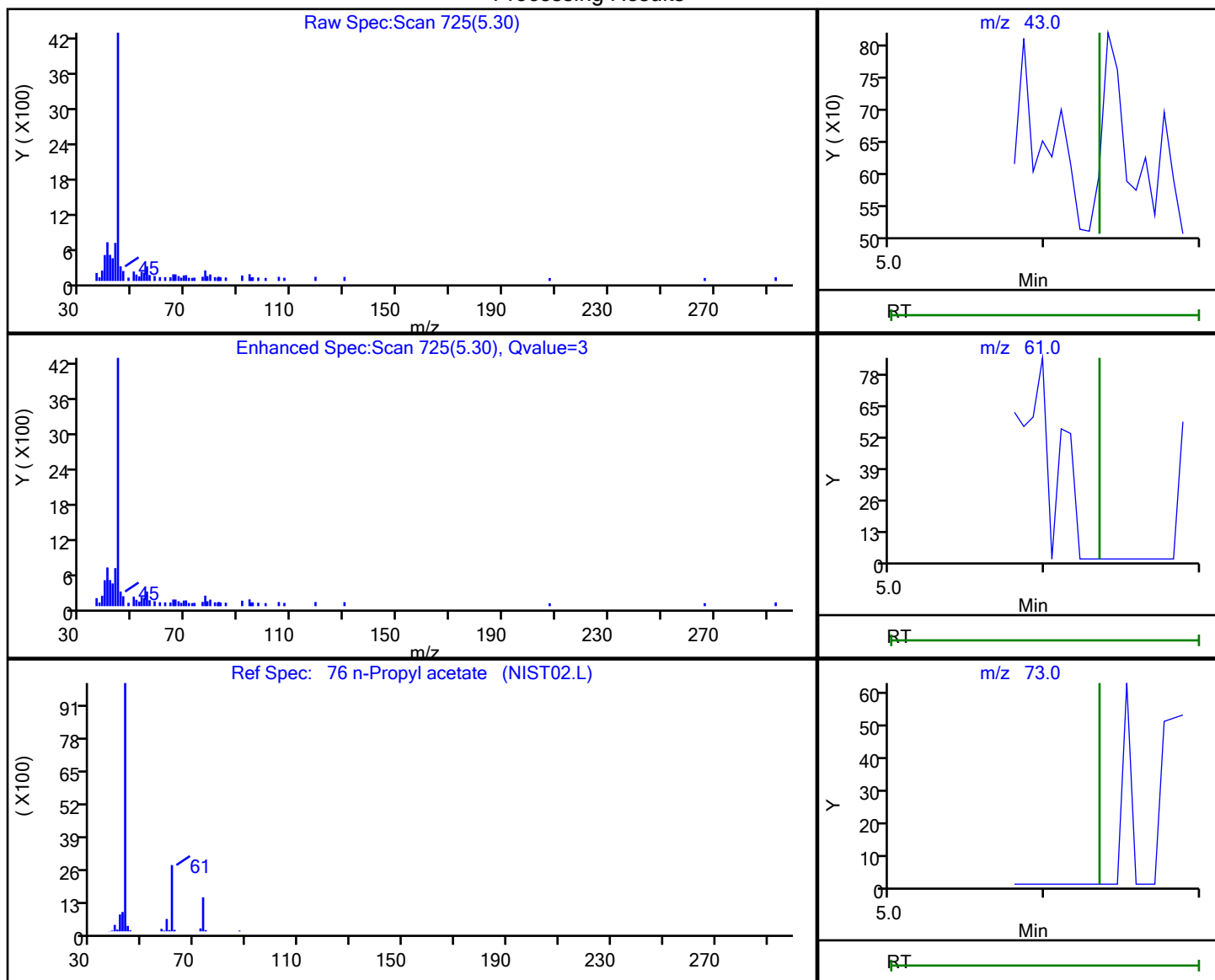
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 76 n-Propyl acetate, CAS: 109-60-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 5.30 | 43.00 | 97       | 0.025954 |
| 5.29 | 61.00 | 19       |          |
| 5.31 | 73.00 | 54       |          |

Reviewer: W9CM, 14-Oct-2022 15:02:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

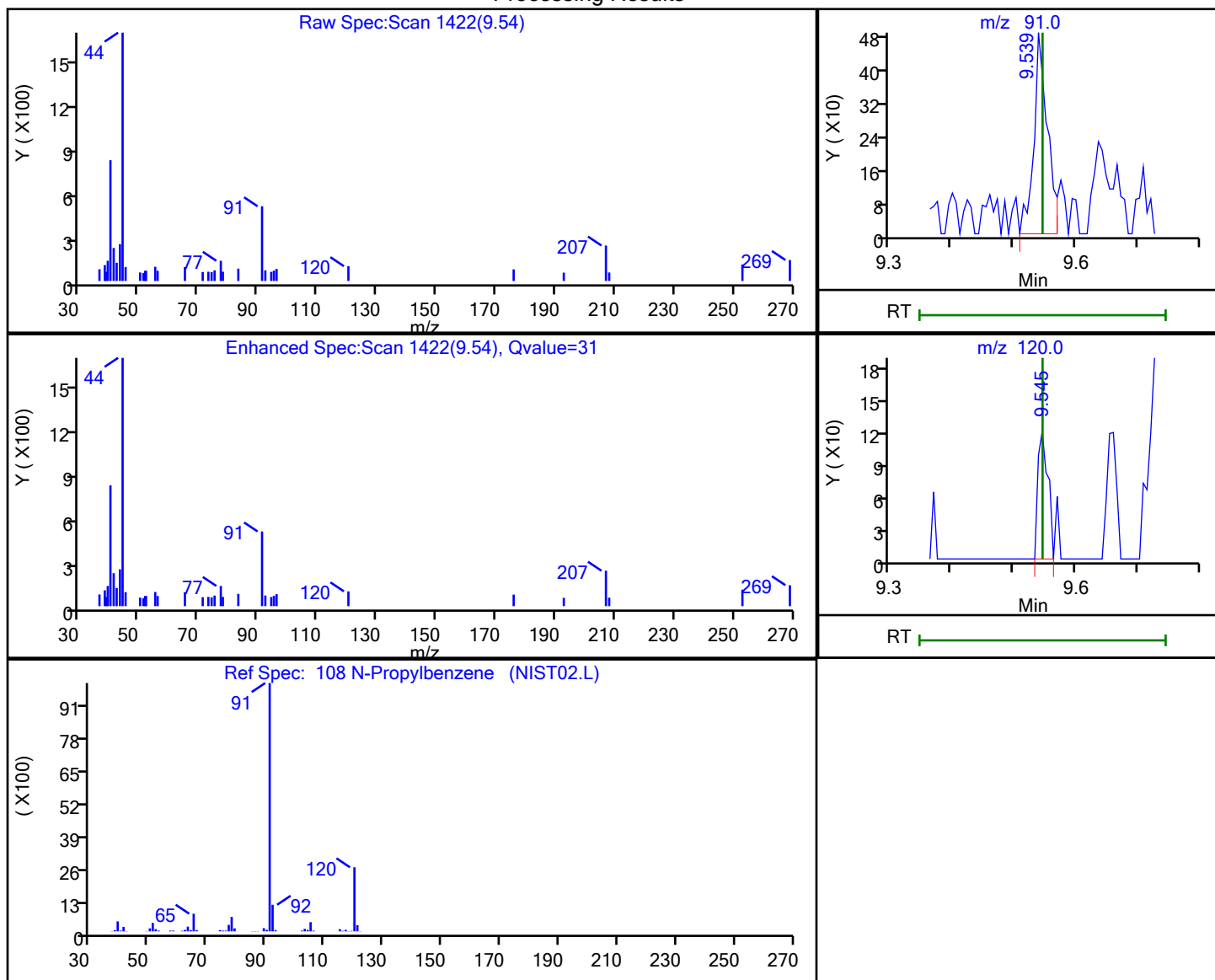
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

## 108 N-Propylbenzene, CAS: 103-65-1

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 9.54 | 91.00  | 747      | 0.059634 |
| 9.55 | 120.00 | 134      |          |

Reviewer: W9CM, 14-Oct-2022 15:02:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

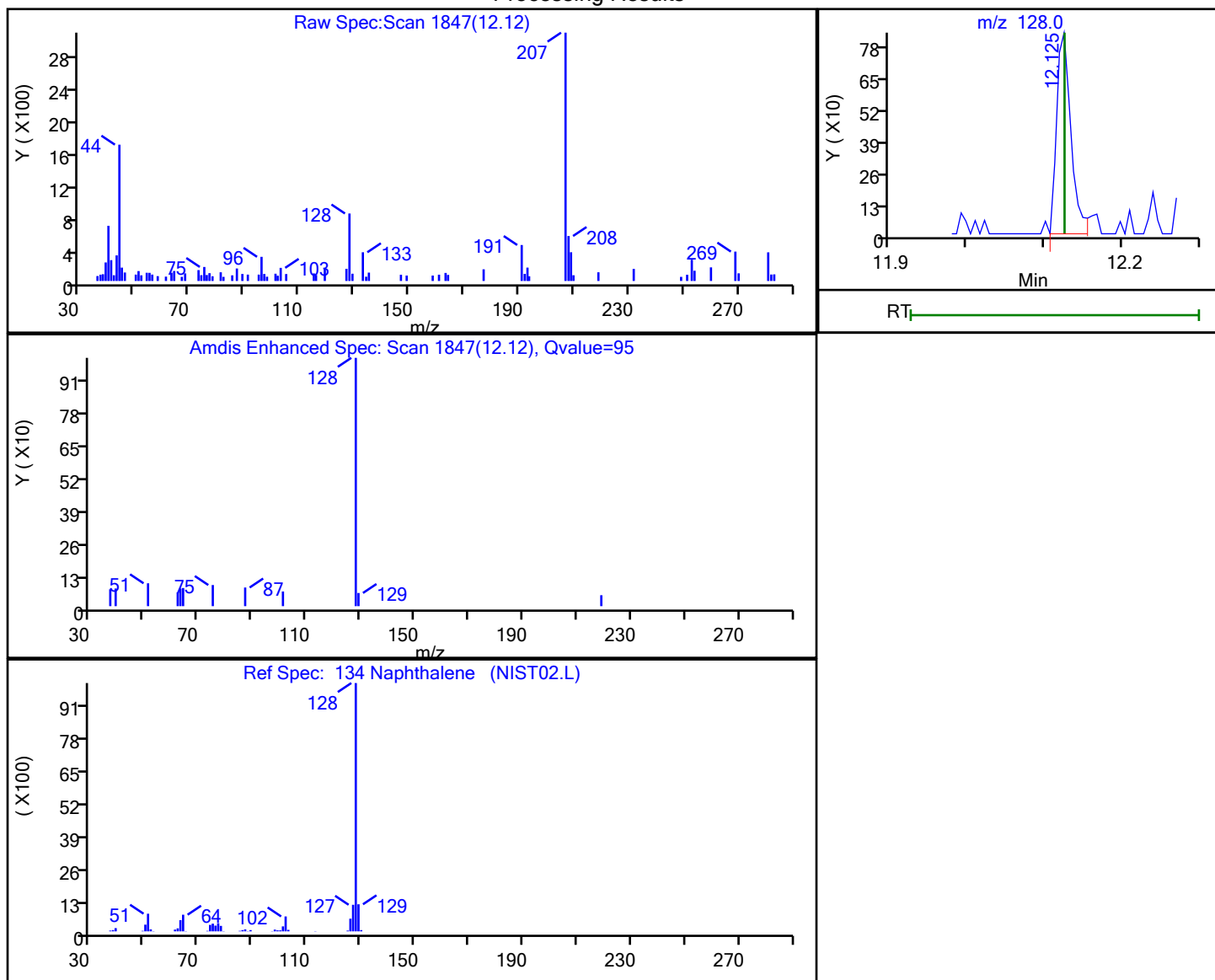
Column: Rtx-624 ( 0.25 mm)

Detector

MS SCAN

## 134 Naphthalene, CAS: 91-20-3

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 12.12 | 128.00 | 1084     | 0.135480 |

Reviewer: W9CM, 14-Oct-2022 15:03:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

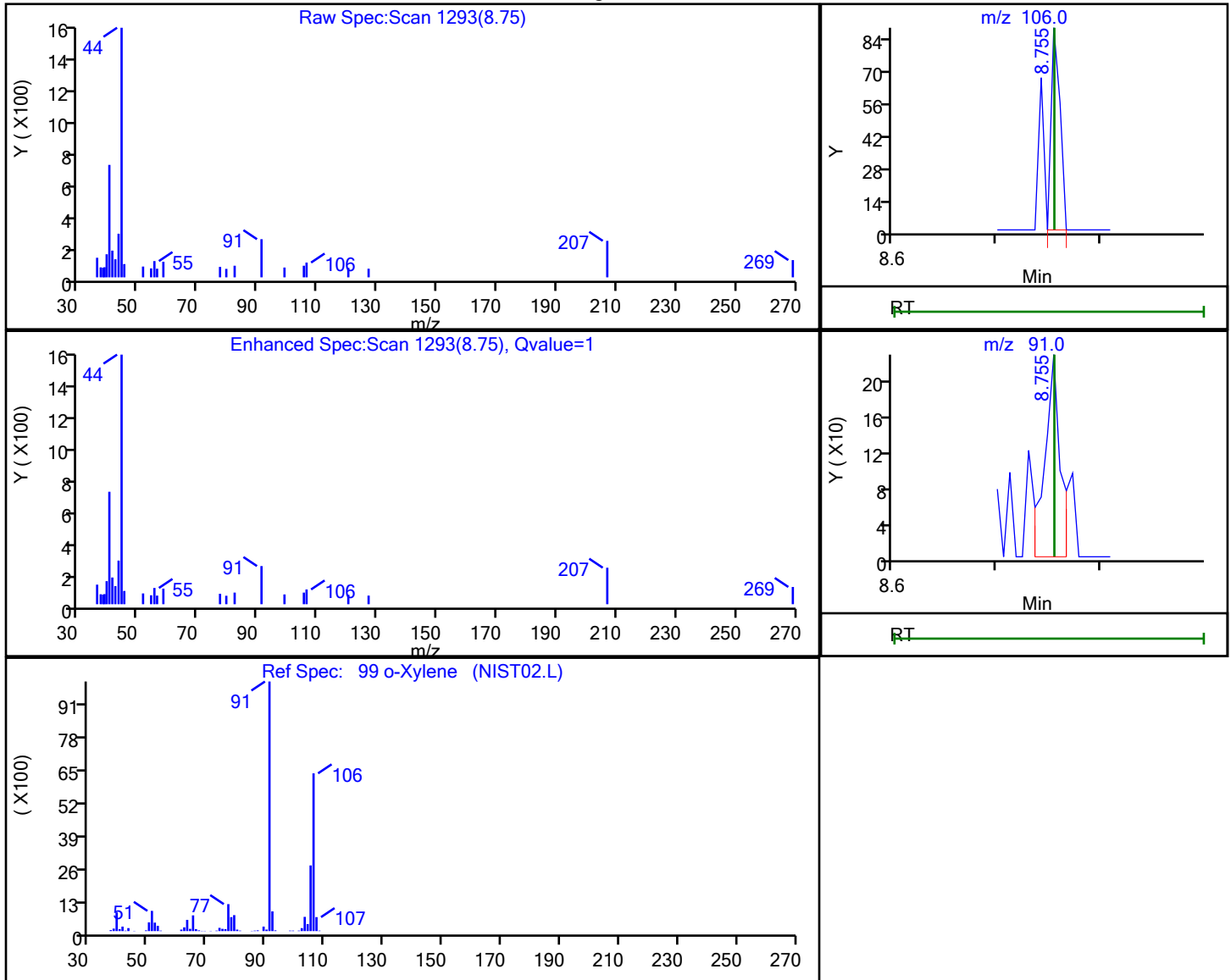
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 99 o-Xylene, CAS: 95-47-6

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 8.75 | 106.00 | 53       | 0.013096 |
| 8.75 | 91.00  | 243      |          |

Reviewer: W9CM, 14-Oct-2022 15:02:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

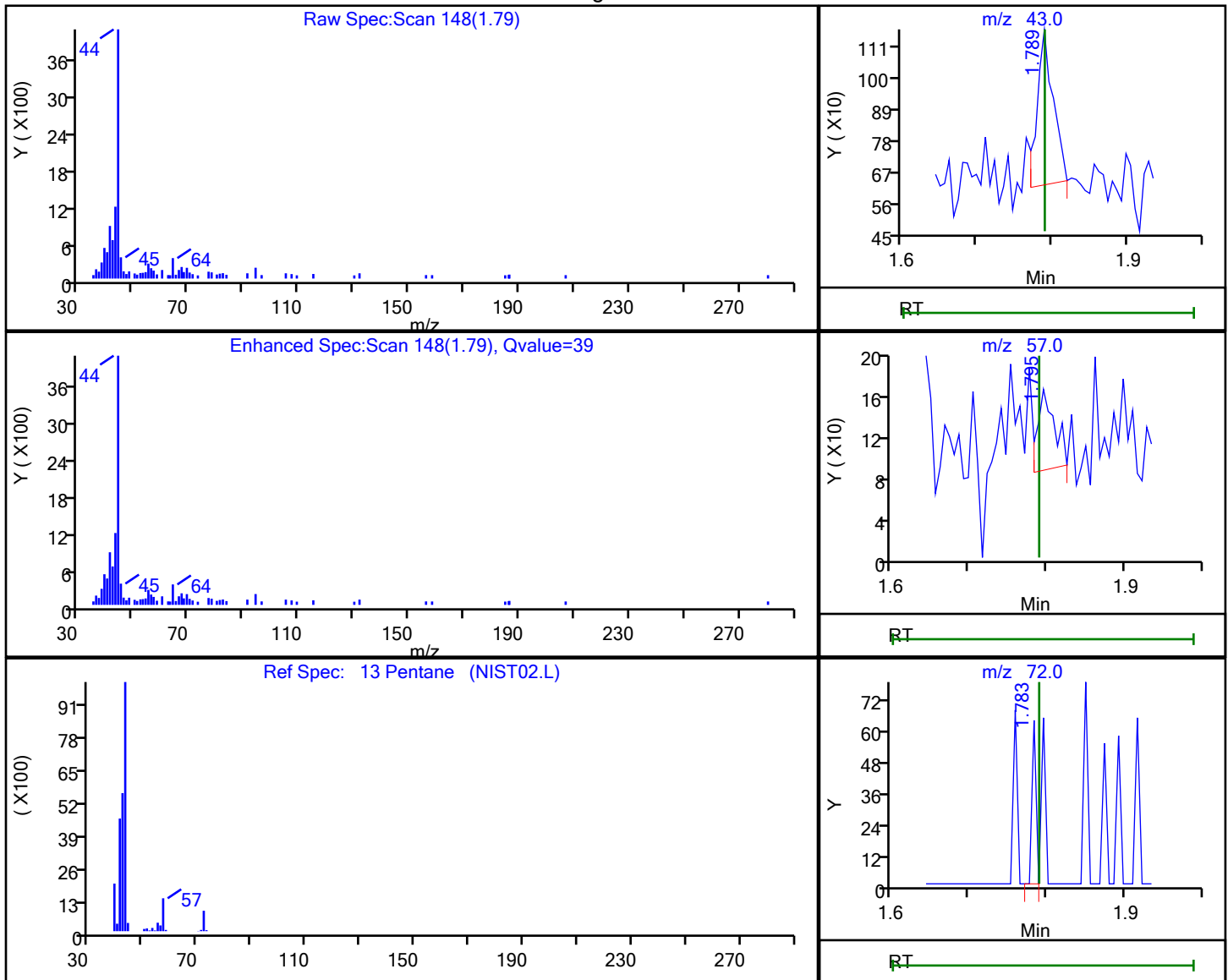
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 13 Pentane, CAS: 109-66-0

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 1.79 | 43.00 | 813      | 0.208012 |
| 1.80 | 57.00 | 116      |          |
| 1.78 | 72.00 | 23       |          |

Reviewer: W9CM, 14-Oct-2022 14:49:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

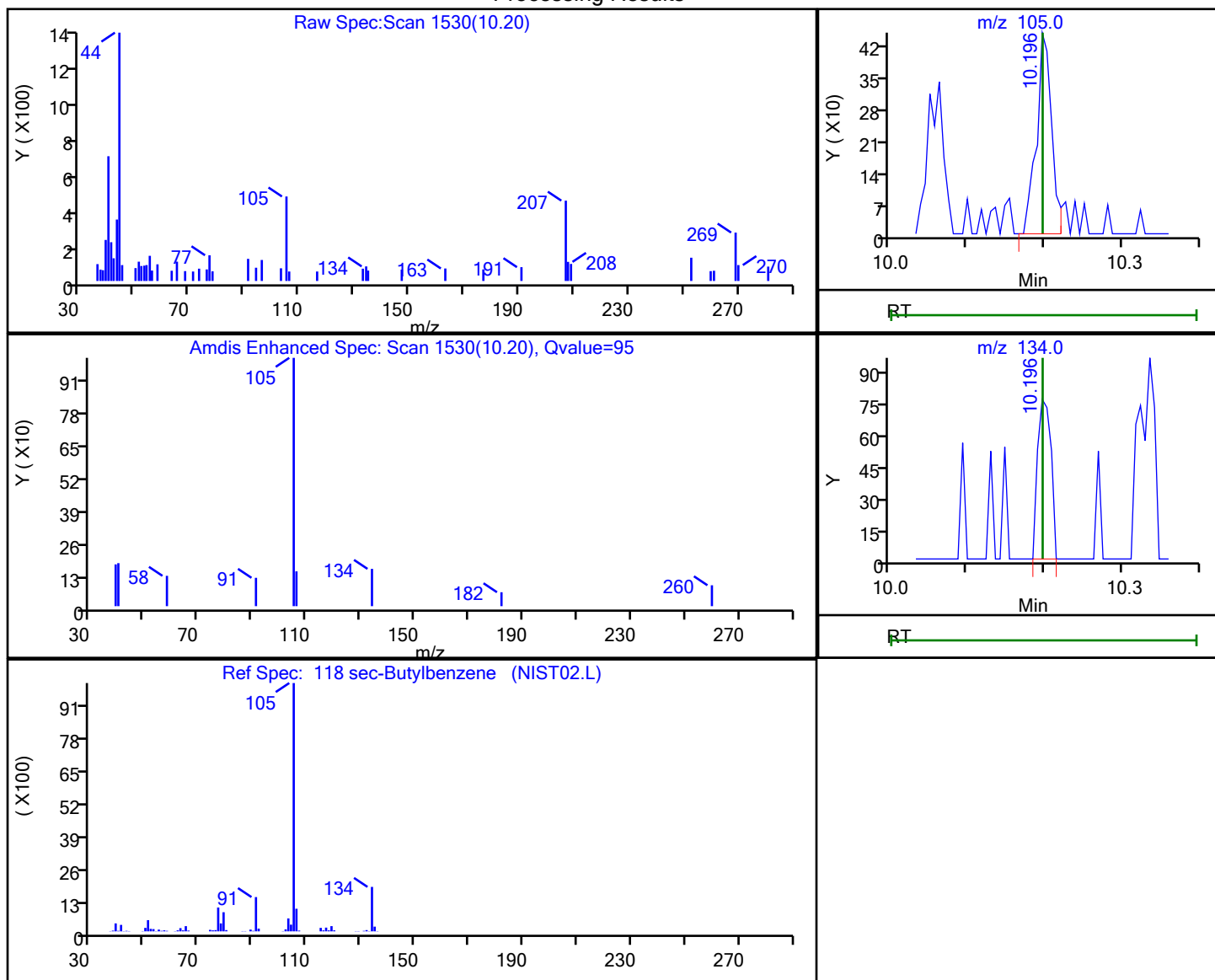
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

## 118 sec-Butylbenzene, CAS: 135-98-8

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 10.20 | 105.00 | 611      | 0.064246 |
| 10.20 | 134.00 | 93       |          |

Reviewer: W9CM, 14-Oct-2022 15:03:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

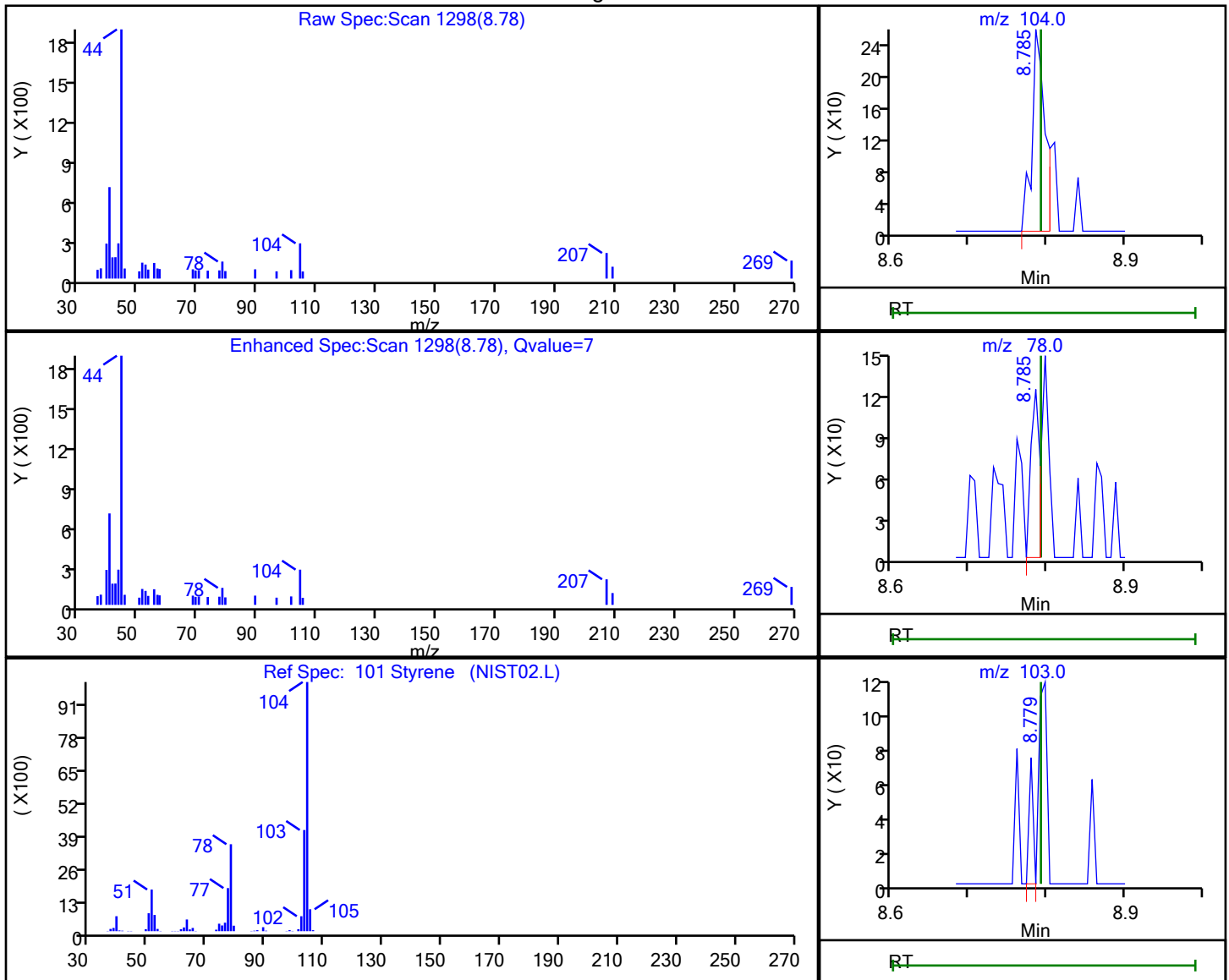
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 101 Styrene, CAS: 100-42-5

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 8.78 | 104.00 | 304      | 0.043824 |
| 8.78 | 78.00  | 101      |          |
| 8.78 | 103.00 | 26       |          |

Reviewer: W9CM, 14-Oct-2022 15:02:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

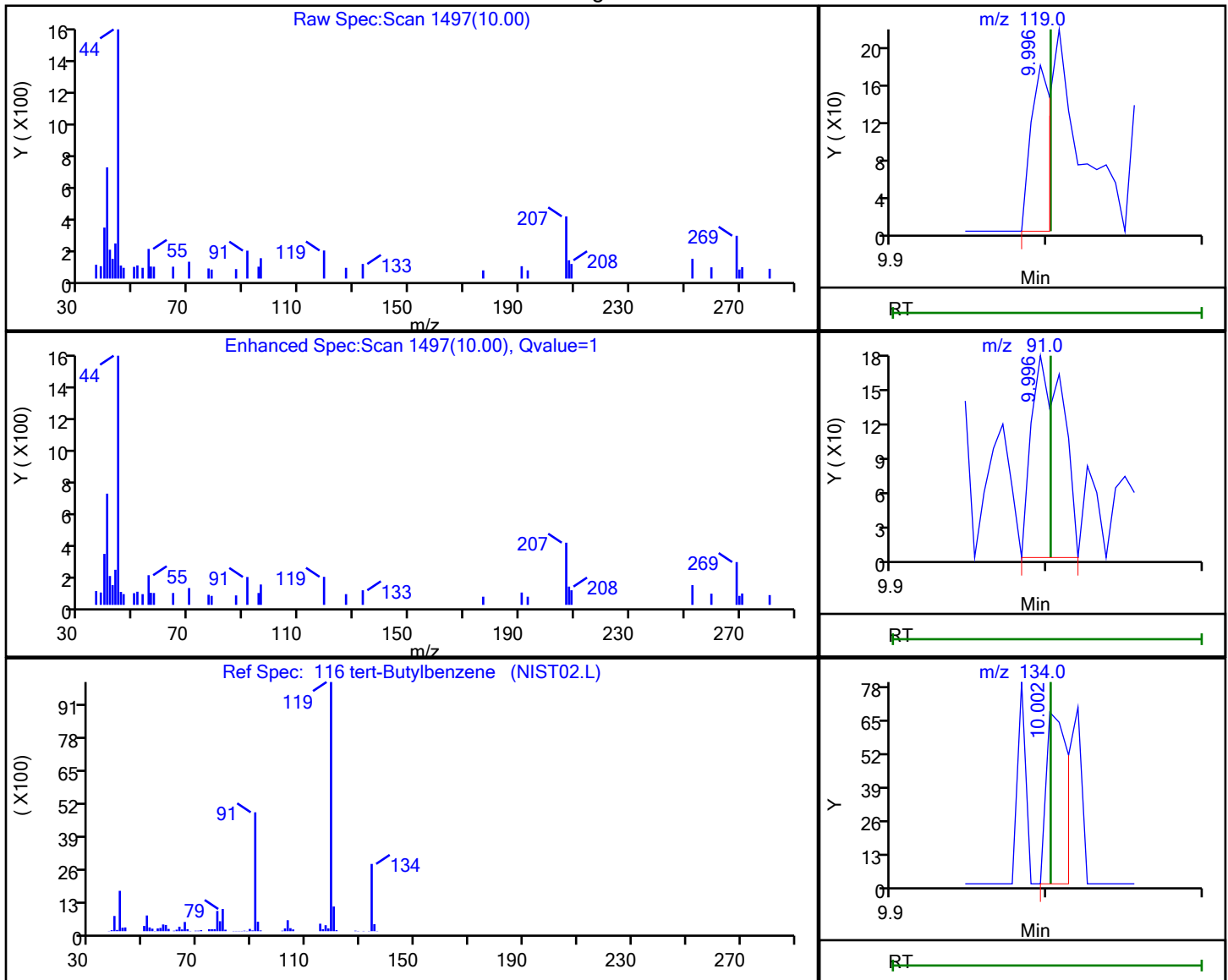
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 116 tert-Butylbenzene, CAS: 98-06-6

## Processing Results



| RT    | Mass   | Response | Amount   |
|-------|--------|----------|----------|
| 10.00 | 119.00 | 157      | 0.024857 |
| 10.00 | 91.00  | 248      |          |
| 10.00 | 134.00 | 67       |          |

Reviewer: W9CM, 14-Oct-2022 15:02:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

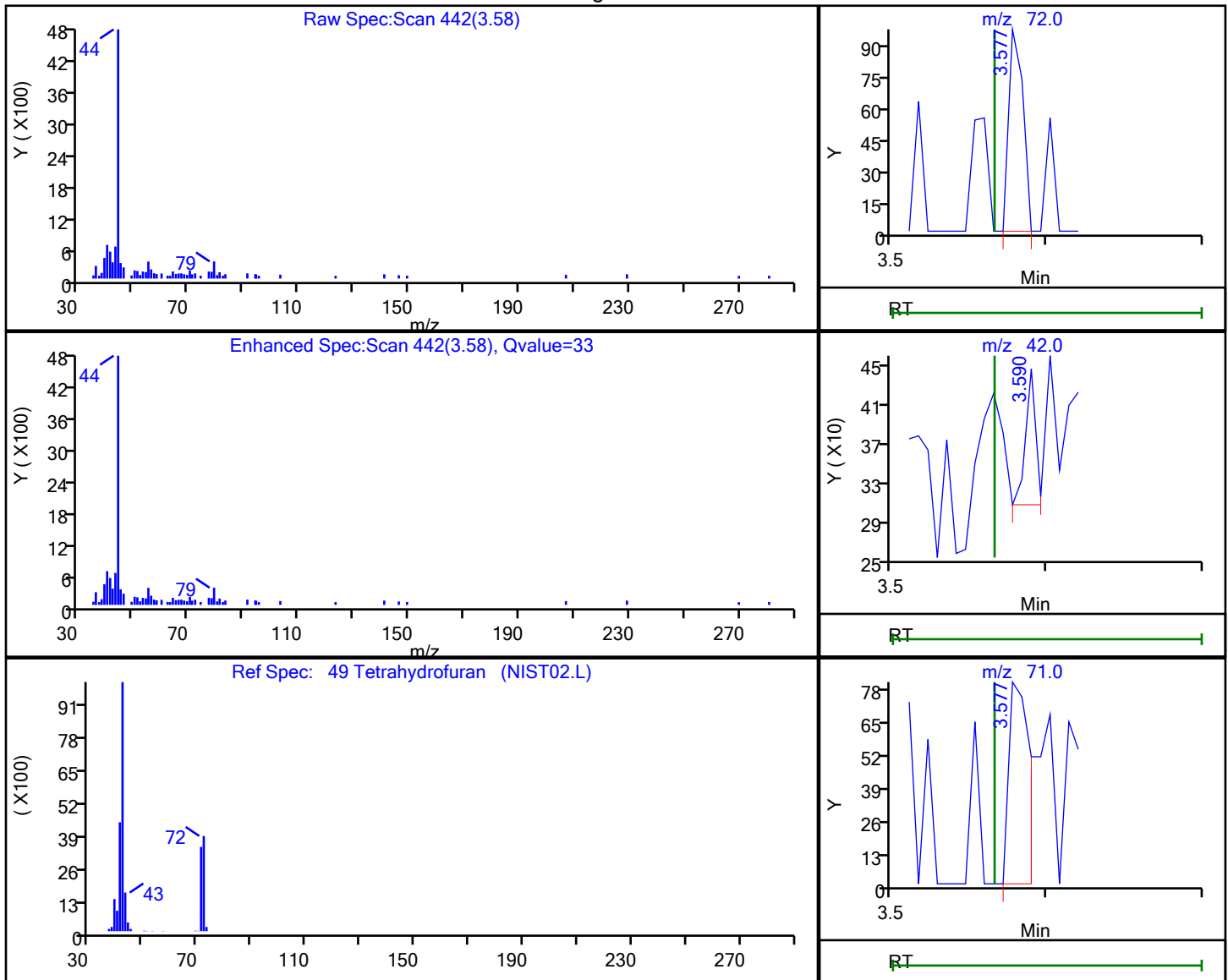
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 49 Tetrahydrofuran, CAS: 109-99-9

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 3.58 | 72.00 | 63       | 0.308920 |
| 3.59 | 42.00 | 61       |          |
| 3.58 | 71.00 | 76       |          |

Reviewer: W9CM, 14-Oct-2022 15:01:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

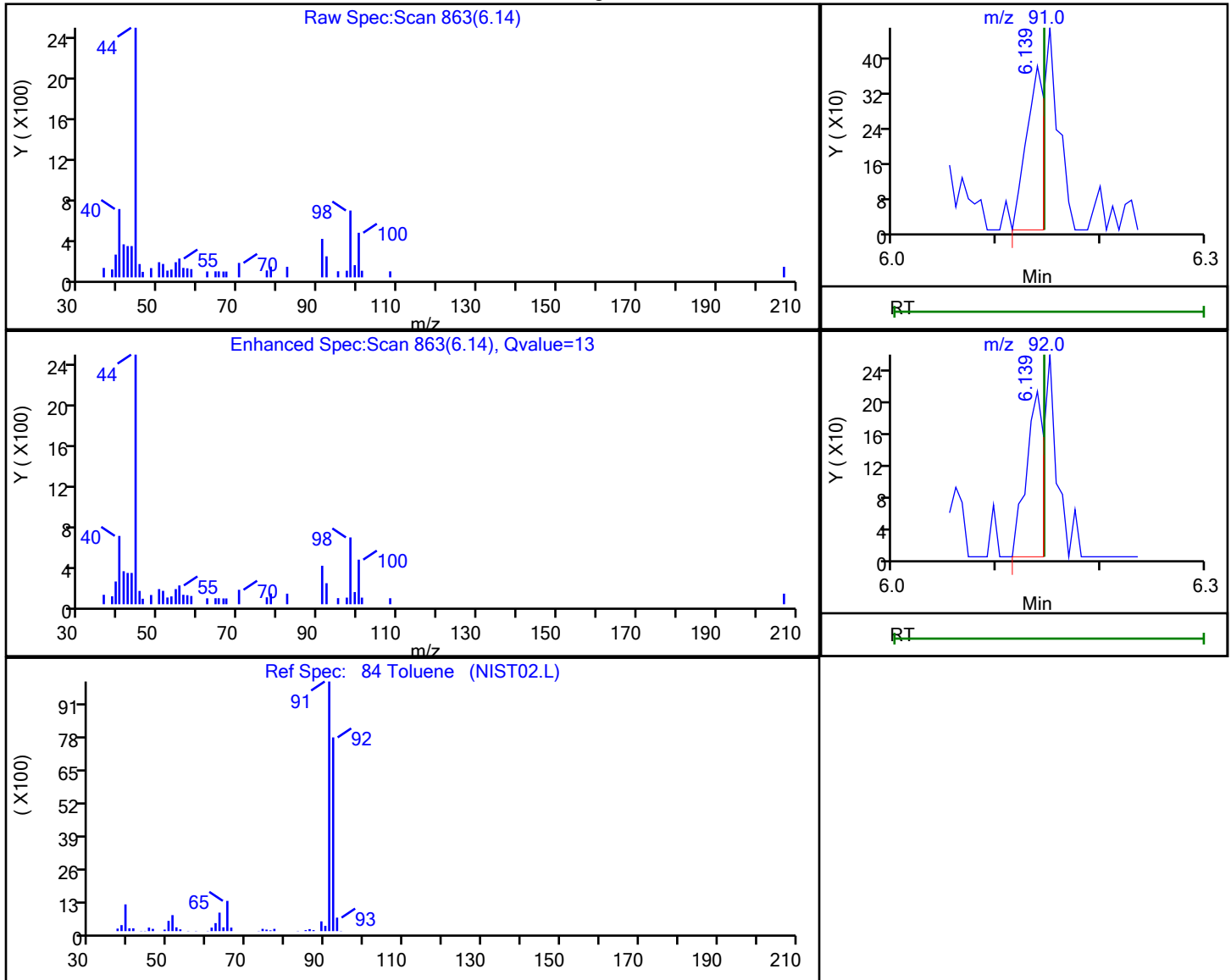
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 84 Toluene, CAS: 108-88-3

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 6.14 | 91.00 | 457      | 0.044669 |
| 6.14 | 92.00 | 245      |          |

Reviewer: W9CM, 14-Oct-2022 15:02:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

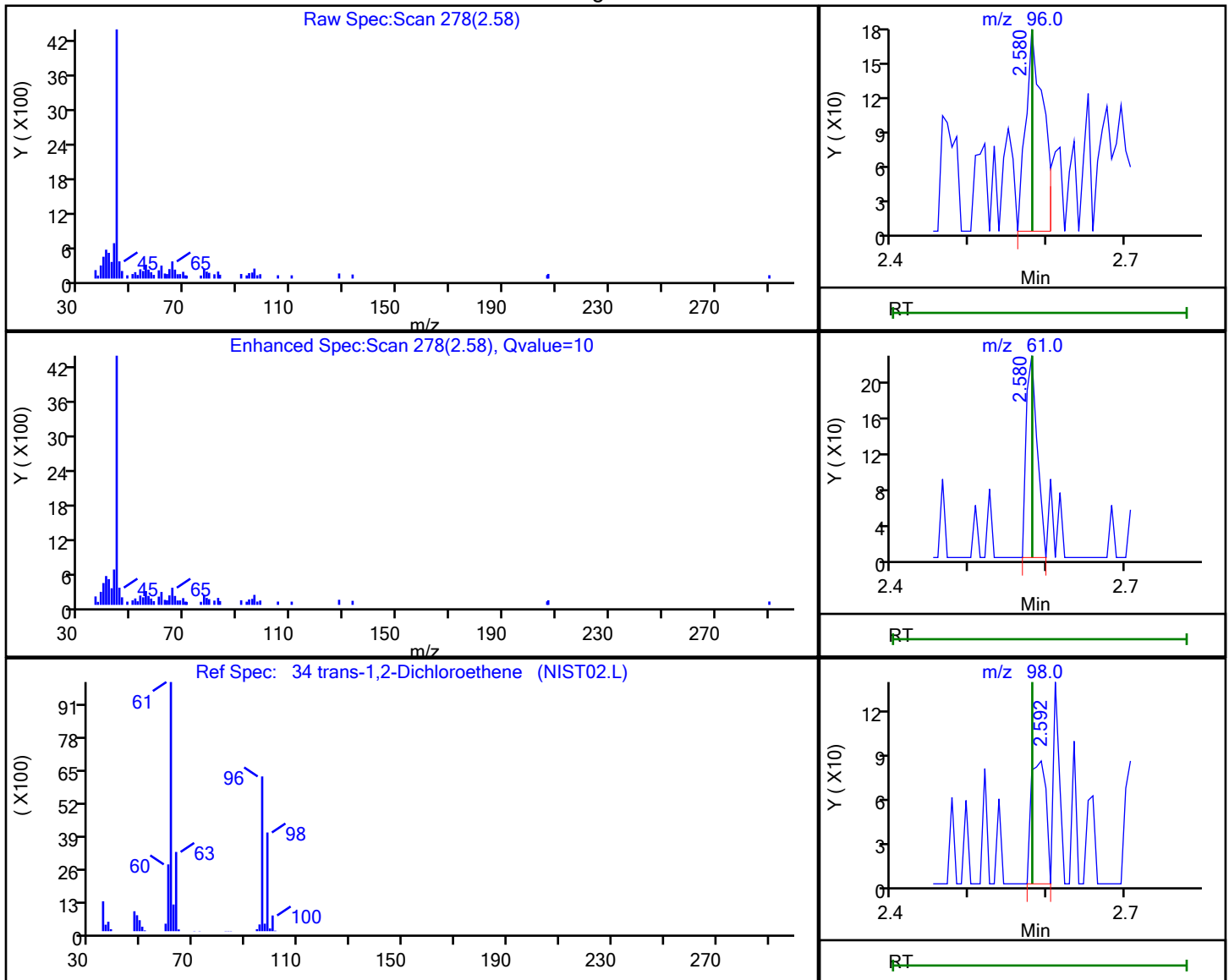
Column: Rtx-624 ( 0.25 mm)

Detector

MS SCAN

## 34 trans-1,2-Dichloroethene, CAS: 156-60-5

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 2.58 | 96.00 | 272      | 0.120996 |
| 2.58 | 61.00 | 222      |          |
| 2.59 | 98.00 | 108      |          |

Reviewer: W9CM, 14-Oct-2022 15:01:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

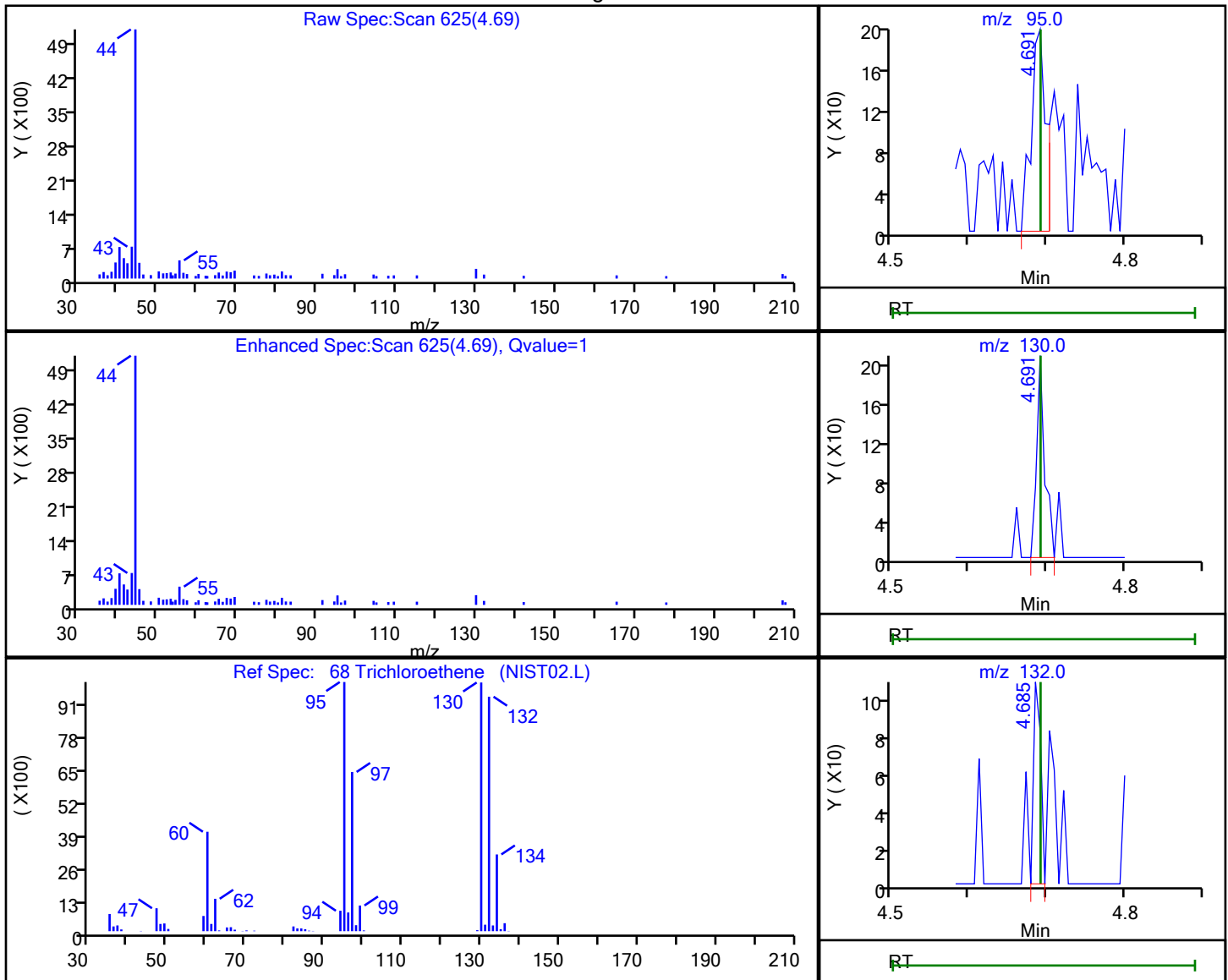
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 68 Trichloroethene, CAS: 79-01-6

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 4.69 | 95.00  | 264      | 0.106193 |
| 4.69 | 130.00 | 148      |          |
| 4.68 | 132.00 | 69       |          |

Reviewer: W9CM, 14-Oct-2022 15:02:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

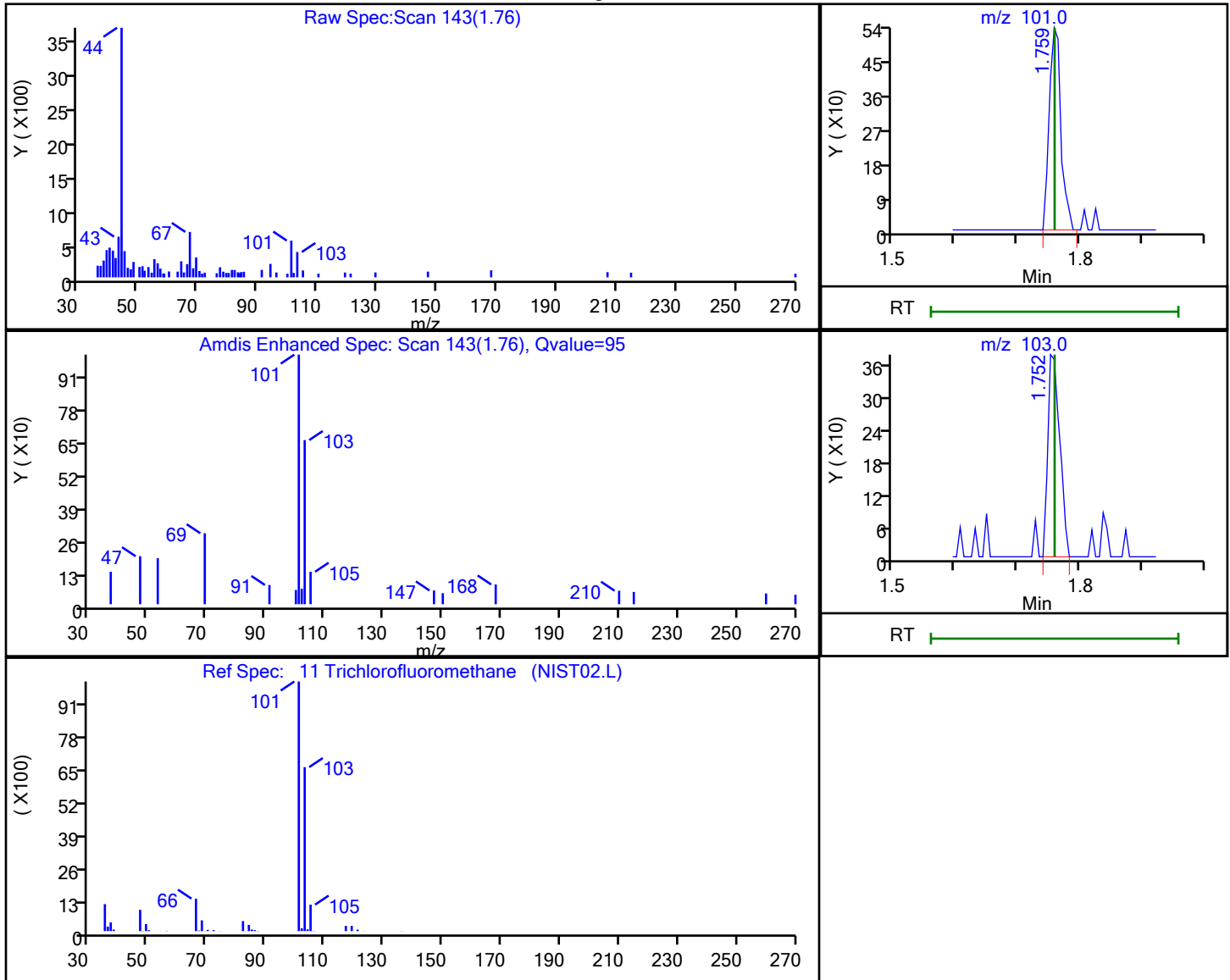
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 11 Trichlorofluoromethane, CAS: 75-69-4

## Processing Results



| RT   | Mass   | Response | Amount   |
|------|--------|----------|----------|
| 1.76 | 101.00 | 700      | 0.250000 |
| 1.75 | 103.00 | 503      |          |

Reviewer: HVW2, 12-Oct-2022 23:53:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

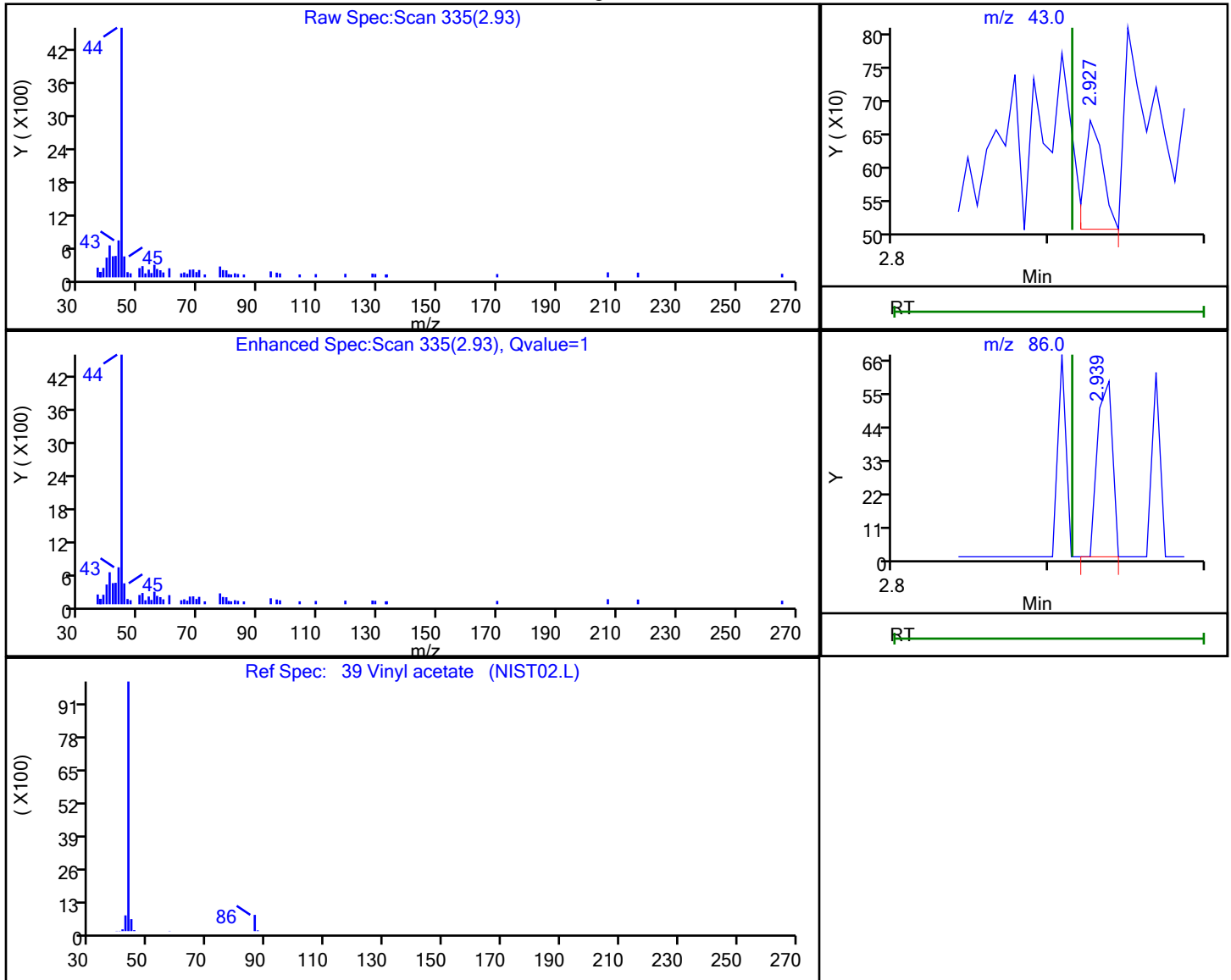
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 39 Vinyl acetate, CAS: 108-05-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 2.93 | 43.00 | 131      | 0.022151 |
| 2.94 | 86.00 | 40       |          |

Reviewer: W9CM, 14-Oct-2022 15:01:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date: 12-Oct-2022 23:30:30

Instrument ID: CVOAMS8

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

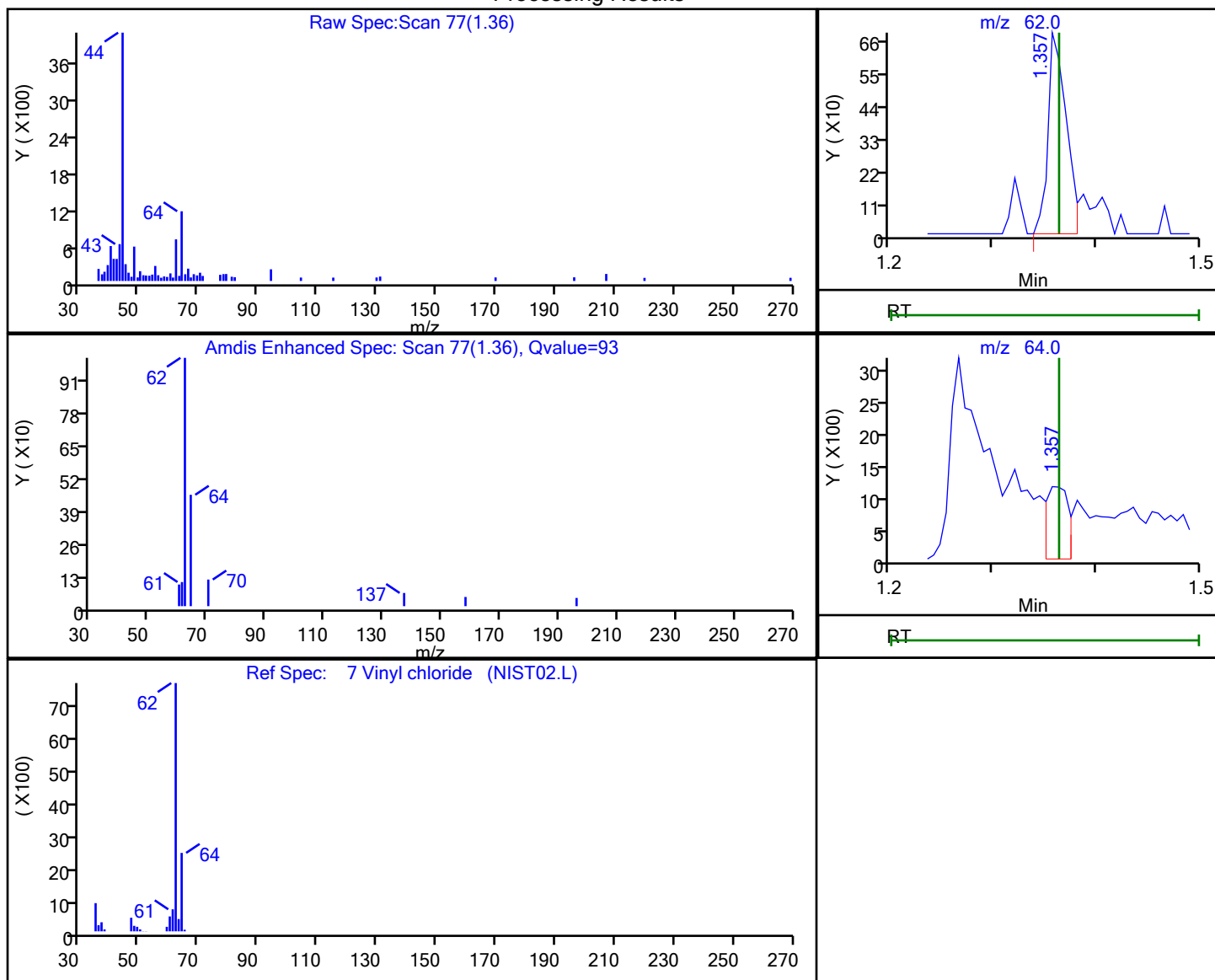
Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector: MS SCAN

## 7 Vinyl chloride, CAS: 75-01-4

## Processing Results



| RT   | Mass  | Response | Amount   |
|------|-------|----------|----------|
| 1.36 | 62.00 | 847      | 0.250000 |
| 1.36 | 64.00 | 1798     |          |

Reviewer: HVW2, 12-Oct-2022 23:53:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81263.D  
 Lims ID: STD1  
 Client ID:  
 Sample Type: IC Calib Level: 1  
 Inject. Date: 12-Oct-2022 23:56:30 ALS Bottle#: 4 Worklist Smp#: 4  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD1  
 Misc. Info.: 460-0151655-004  
 Operator ID: Instrument ID: CVOAMS8  
 Sublist: chrom-8260\_W8\*sub61  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 14-Oct-2022 16:02:06 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1652

First Level Reviewer: HVW2

Date: 13-Oct-2022 00:45:53

| Compound                                 | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 2 Chlorotrifluoroethene                  | 118 | 1.150     | 1.151         | -0.001        | 85  | 215      | NC           | NC             |       |
| 4 Dichlorodifluoromethane                | 85  | 1.174     | 1.175         | -0.001        | 98  | 3135     | 1.00         | 0.9712         |       |
| 5 Chlorodifluoromethane                  | 67  | 1.192     | 1.193         | -0.001        | 97  | 833      | NC           | NC             |       |
| 6 Chloromethane                          | 50  | 1.302     | 1.303         | -0.001        | 99  | 5140     | 1.00         | 1.10           |       |
| 7 Vinyl chloride                         | 62  | 1.362     | 1.364         | -0.002        | 96  | 3554     | 1.00         | 1.15           |       |
| 8 Butadiene                              | 54  | 1.375     | 1.376         | -0.001        | 92  | 3290     | 1.00         | 1.11           |       |
| 9 Bromomethane                           | 94  | 1.575     | 1.577         | -0.002        | 91  | 1192     | 1.00         | 1.04           |       |
| 10 Chloroethane                          | 64  | 1.630     | 1.631         | -0.001        | 98  | 1636     | 1.00         | 1.07           |       |
| 12 Dichlorofluoromethane                 | 67  | 1.752     | 1.753         | -0.001        | 96  | 5178     | NC           | NC             |       |
| 11 Trichlorofluoromethane                | 101 | 1.758     | 1.759         | -0.001        | 97  | 3674     | 1.00         | 1.12           |       |
| 13 Pentane                               | 43  | 1.788     | 1.789         | -0.001        | 96  | 7463     | 2.00         | 1.94           |       |
| 14 Ethanol                               | 46  | 1.886     | 1.887         | -0.001        | 37  | 343      | 40.0         | 43.6           | M     |
| 15 Ethyl ether                           | 59  | 1.928     | 1.929         | -0.001        | 90  | 2101     | 1.00         | 1.10           |       |
| 16 2-Methyl-1,3-butadiene                | 53  | 1.946     | 1.948         | -0.002        | 92  | 2706     | 1.00         | 1.12           |       |
| 17 1,2-Dichloro-1,1,2-trifluoroethane    | 117 | 1.959     | 1.960         | -0.001        | 81  | 1987     | NC           | NC             |       |
| 18 1,1,1-Trifluoro-2,2-dichloroethane    | 83  | 2.001     | 1.996         | 0.005         | 97  | 3596     | NC           | NC             |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroethane | 101 | 2.056     | 2.057         | -0.001        | 91  | 2032     | 1.00         | 1.04           |       |
| 19 Acrolein                              | 56  | 2.062     | 2.057         | 0.005         | 82  | 1455     | 4.00         | 4.63           |       |
| 21 1,1-Dichloroethene                    | 96  | 2.086     | 2.088         | -0.002        | 93  | 2462     | 1.00         | 1.26           |       |
| 22 Acetone                               | 43  | 2.153     | 2.148         | 0.005         | 85  | 4181     | 5.00         | 6.03           |       |
| 23 Iodomethane                           | 142 | 2.208     | 2.209         | -0.001        | 98  | 1661     | 1.00         | 1.06           | M     |
| 25 Isopropyl alcohol                     | 45  | 2.208     | 2.209         | -0.001        | 87  | 737      | 10.0         | 8.12           |       |
| 24 Carbon disulfide                      | 76  | 2.238     | 2.234         | 0.004         | 100 | 8234     | 1.00         | 1.15           |       |
| 26 3-Chloro-1-propene                    | 76  | 2.324     | 2.331         | -0.007        | 89  | 1701     | 1.00         | 1.24           |       |
| 28 Methyl acetate                        | 43  | 2.336     | 2.337         | -0.001        | 88  | 4293     | 2.00         | 2.28           |       |
| 27 Cyclopentene                          | 67  | 2.348     | 2.349         | -0.001        | 94  | 6537     | NC           | NC             |       |
| 29 Acetonitrile                          | 41  | 2.378     | 2.380         | -0.002        | 90  | 2159     | 10.0         | 9.32           |       |
| * 30 TBA-d9 (IS)                         | 65  | 2.409     | 2.410         | -0.001        | 75  | 174707   | 1000.0       | 1000.0         |       |
| 31 Methylene Chloride                    | 84  | 2.433     | 2.428         | 0.005         | 95  | 2897     | 1.00         | 1.20           |       |
| 32 2-Methyl-2-propanol                   | 59  | 2.464     | 2.465         | -0.001        | 90  | 1572     | 10.0         | 11.2           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 33 Methyl tert-butyl ether         | 73  | 2.555     | 2.556         | -0.001        | 97 | 6436     | 1.00         | 1.07           |       |
| 34 trans-1,2-Dichloroethene        | 96  | 2.579     | 2.580         | -0.001        | 97 | 2817     | 1.00         | 1.28           |       |
| 35 Acrylonitrile                   | 53  | 2.640     | 2.635         | 0.005         | 93 | 9288     | 10.0         | 11.1           |       |
| 36 Hexane                          | 57  | 2.707     | 2.702         | 0.005         | 91 | 2681     | 1.00         | 0.9739         |       |
| 37 Isopropyl ether                 | 45  | 2.877     | 2.872         | 0.005         | 96 | 9332     | 1.00         | 1.02           |       |
| 38 1,1-Dichloroethane              | 63  | 2.908     | 2.909         | -0.001        | 97 | 5781     | 1.00         | 1.16           |       |
| 39 Vinyl acetate                   | 43  | 2.914     | 2.915         | -0.001        | 99 | 12134    | 2.00         | 2.09           |       |
| 40 2-Chloro-1,3-butadiene          | 88  | 2.950     | 2.945         | 0.005         | 96 | 2031     | NC           | NC             |       |
| 41 Tert-butyl ethyl ether          | 59  | 3.151     | 3.146         | 0.005         | 87 | 7465     | NC           | NC             |       |
| * 43 2-Butanone-d5                 | 46  | 3.327     | 3.323         | 0.004         | 86 | 261610   | 250.0        | 250.0          |       |
| 42 2,2-Dichloropropane             | 79  | 3.334     | 3.335         | -0.001        | 44 | 1869     | 1.00         | 1.46           |       |
| 44 cis-1,2-Dichloroethene          | 96  | 3.358     | 3.359         | -0.001        | 91 | 2963     | 1.00         | 1.22           |       |
| 46 2-Butanone (MEK)                | 72  | 3.376     | 3.377         | -0.001        | 94 | 1254     | 5.00         | 6.10           |       |
| 45 Ethyl acetate                   | 70  | 3.382     | 3.377         | 0.005         | 91 | 460      | 2.00         | 2.14           | a     |
| 47 Methyl acrylate                 | 55  | 3.425     | 3.426         | -0.001        | 97 | 2224     | NC           | NC             |       |
| 48 Propionitrile                   | 54  | 3.492     | 3.493         | -0.001        | 97 | 3271     | NC           | NC             |       |
| 50 Chlorobromomethane              | 128 | 3.565     | 3.566         | -0.001        | 94 | 1415     | 1.00         | 1.32           |       |
| 49 Tetrahydrofuran                 | 72  | 3.583     | 3.566         | 0.017         | 24 | 326      | 2.00         | 1.59           |       |
| 51 Methacrylonitrile               | 67  | 3.589     | 3.584         | 0.005         | 96 | 9161     | NC           | NC             |       |
| 52 Chloroform                      | 83  | 3.613     | 3.608         | 0.005         | 97 | 5159     | 1.00         | 1.19           |       |
| 53 Cyclohexane                     | 84  | 3.723     | 3.724         | -0.001        | 96 | 2911     | 1.00         | 1.08           |       |
| 54 1,1,1-Trichloroethane           | 97  | 3.735     | 3.742         | -0.007        | 97 | 3942     | 1.00         | 1.15           |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.753     | 3.754         | -0.001        | 95 | 100153   | 50.0         | 52.4           |       |
| 56 Carbon tetrachloride            | 117 | 3.857     | 3.852         | 0.005         | 93 | 2892     | 1.00         | 1.06           |       |
| 57 1,1-Dichloropropene             | 75  | 3.875     | 3.882         | -0.007        | 91 | 3598     | 1.00         | 1.09           |       |
| 58 Isobutyl alcohol                | 43  | 4.021     | 4.010         | 0.011         | 35 | 2382     | NC           | NC             | Ma    |
| 59 Isooctane                       | 57  | 4.033     | 4.034         | -0.001        | 98 | 5148     | NC           | NC             |       |
| 60 Benzene                         | 78  | 4.070     | 4.065         | 0.005         | 97 | 11308    | 1.00         | 1.17           |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.088     | 4.083         | 0.005         | 0  | 136337   | 50.0         | 51.9           |       |
| 62 Isopropyl acetate               | 43  | 4.124     | 4.126         | -0.002        | 93 | 6929     | 1.00         | 1.01           |       |
| 63 Tert-amyl methyl ether          | 55  | 4.137     | 4.132         | 0.005         | 77 | 1758     | NC           | NC             |       |
| 64 1,2-Dichloroethane              | 62  | 4.155     | 4.156         | -0.001        | 95 | 4268     | 1.00         | 1.16           |       |
| 65 n-Heptane                       | 57  | 4.210     | 4.211         | -0.001        | 93 | 1252     | 1.00         | 1.14           |       |
| * 66 Fluorobenzene                 | 96  | 4.343     | 4.345         | -0.002        | 97 | 439281   | 50.0         | 50.0           |       |
| 67 n-Butanol                       | 56  | 4.672     | 4.667         | 0.005         | 22 | 585      | 25.0         | 17.7           | Ma    |
| 68 Trichloroethene                 | 95  | 4.696     | 4.691         | 0.005         | 94 | 3113     | 1.00         | 1.27           |       |
| 69 Methylcyclohexane               | 83  | 4.806     | 4.813         | -0.007        | 83 | 2758     | 1.00         | 0.99           |       |
| 70 Ethyl acrylate                  | 55  | 4.824     | 4.819         | 0.005         | 96 | 6488     | 1.00         | 1.10           |       |
| 71 1,2-Dichloropropane             | 63  | 4.988     | 4.983         | 0.005         | 91 | 3583     | 1.00         | 1.23           |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.055     | 5.056         | -0.001        | 0  | 24668    | 1000.0       | 1000.0         |       |
| 73 Methyl methacrylate             | 100 | 5.086     | 5.075         | 0.011         | 94 | 937      | 2.00         | 2.13           |       |
| 74 Dibromomethane                  | 93  | 5.116     | 5.117         | -0.001        | 81 | 2034     | 1.00         | 1.27           |       |
| 75 1,4-Dioxane                     | 88  | 5.116     | 5.123         | -0.007        | 35 | 443      | 50.0         | 33.0           | M     |
| 76 n-Propyl acetate                | 43  | 5.140     | 5.135         | 0.005         | 98 | 3872     | 1.00         | 1.05           |       |
| 77 Dichlorobromomethane            | 83  | 5.280     | 5.275         | 0.005         | 96 | 3667     | 1.00         | 1.12           |       |
| 78 2-Nitropropane                  | 41  | 5.639     | 5.634         | 0.005         | 74 | 966      | NC           | NC             |       |
| 79 2-Chloroethyl vinyl ether       | 63  | 5.639     | 5.640         | -0.001        | 75 | 1622     | 1.00         | 1.00           |       |
| 80 Epichlorohydrin                 | 57  | 5.755     | 5.750         | 0.005         | 99 | 4017     | 20.0         | 19.1           |       |
| 81 cis-1,3-Dichloropropene         | 75  | 5.803     | 5.805         | -0.002        | 95 | 4660     | 1.00         | 1.03           |       |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 5.992     | 5.993         | -0.001        | 96 | 13211    | 5.00         | 5.33           |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.059     | 6.060         | -0.001        | 98 | 372297   | 50.0         | 50.3           |       |
| 84 Toluene                         | 91  | 6.144     | 6.145         | -0.001        | 92 | 11462    | 1.00         | 1.14           |       |

| Compound                         | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|----------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 85 trans-1,3-Dichloropropene     | 75  | 6.539     | 6.541         | -0.002        | 97 | 4063     | 1.00         | 1.01           |       |
| 86 Ethyl methacrylate            | 69  | 6.594     | 6.589         | 0.005         | 95 | 3143     | NC           | NC             |       |
| 87 1,1,2-Trichloroethane         | 83  | 6.771     | 6.778         | -0.007        | 92 | 2214     | 1.00         | 1.04           |       |
| 88 Tetrachloroethene             | 166 | 6.813     | 6.808         | 0.005         | 90 | 2248     | 1.00         | 1.07           |       |
| 89 1,3-Dichloropropane           | 76  | 7.008     | 7.009         | -0.001        | 97 | 4085     | 1.00         | 1.04           |       |
| 90 2-Hexanone                    | 58  | 7.111     | 7.100         | 0.011         | 98 | 4199     | 5.00         | 5.18           |       |
| 91 n-Butyl acetate               | 43  | 7.245     | 7.246         | -0.001        | 95 | 4845     | 1.00         | 1.04           |       |
| 92 Chlorodibromomethane          | 129 | 7.257     | 7.259         | -0.002        | 73 | 2173     | 1.00         | 0.9682         |       |
| 93 Ethylene Dibromide            | 107 | 7.428     | 7.423         | 0.005         | 98 | 2448     | 1.00         | 1.07           |       |
| * 94 Chlorobenzene-d5            | 117 | 8.012     | 8.013         | -0.001        | 91 | 345836   | 50.0         | 50.0           |       |
| 95 Chlorobenzene                 | 112 | 8.048     | 8.049         | -0.001        | 97 | 6763     | 1.00         | 1.11           |       |
| 96 Ethylbenzene                  | 106 | 8.152     | 8.153         | -0.001        | 99 | 3370     | 1.00         | 1.06           |       |
| 97 1,1,1,2-Tetrachloroethane     | 131 | 8.170     | 8.165         | 0.005         | 89 | 2073     | 1.00         | 1.00           |       |
| 98 m-Xylene & p-Xylene           | 106 | 8.304     | 8.305         | -0.001        | 0  | 4514     | 1.00         | 1.14           |       |
| 99 o-Xylene                      | 106 | 8.760     | 8.755         | 0.005         | 90 | 4325     | 1.00         | 1.09           |       |
| 100 n-Butyl acrylate             | 73  | 8.772     | 8.773         | -0.001        | 95 | 2139     | 1.00         | 1.06           |       |
| 101 Styrene                      | 104 | 8.790     | 8.792         | -0.002        | 94 | 7572     | 1.00         | 1.11           |       |
| 103 Bromoform                    | 173 | 8.997     | 9.004         | -0.007        | 93 | 1257     | 1.00         | 0.8949         |       |
| 102 Amyl acetate (mixed isomers) | 43  | 9.022     | 9.017         | 0.005         | 85 | 5671     | 1.00         | 1.04           |       |
| 104 Isopropylbenzene             | 105 | 9.137     | 9.138         | -0.001        | 98 | 10809    | 1.00         | 1.12           |       |
| \$ 105 4-Bromofluorobenzene      | 174 | 9.338     | 9.333         | 0.005         | 87 | 126472   | 50.0         | 51.5           |       |
| 106 Bromobenzene                 | 156 | 9.460     | 9.461         | -0.001        | 91 | 3090     | 1.00         | 1.16           |       |
| 107 1,1,2,2-Tetrachloroethane    | 83  | 9.526     | 9.528         | -0.002        | 98 | 3276     | 1.00         | 1.04           |       |
| 108 N-Propylbenzene              | 91  | 9.545     | 9.546         | -0.001        | 97 | 14337    | 1.00         | 1.15           |       |
| 109 1,2,3-Trichloropropane       | 110 | 9.563     | 9.564         | -0.001        | 94 | 785      | 1.00         | 1.13           |       |
| 110 trans-1,4-Dichloro-2-butene  | 53  | 9.593     | 9.595         | -0.002        | 68 | 1094     | NC           | NC             |       |
| 111 2-Chlorotoluene              | 91  | 9.642     | 9.637         | 0.005         | 97 | 9953     | 1.00         | 1.12           |       |
| 112 4-Ethyltoluene               | 105 | 9.654     | 9.655         | -0.001        | 97 | 11000    | NC           | NC             |       |
| 113 1,3,5-Trimethylbenzene       | 105 | 9.721     | 9.722         | -0.001        | 92 | 9241     | 1.00         | 1.11           |       |
| 114 4-Chlorotoluene              | 91  | 9.752     | 9.753         | -0.001        | 99 | 9700     | 1.00         | 1.13           |       |
| 115 Butyl Methacrylate           | 87  | 9.837     | 9.838         | -0.001        | 95 | 3227     | 1.00         | 1.00           |       |
| 116 tert-Butylbenzene            | 119 | 10.001    | 10.002        | -0.001        | 88 | 7090     | 1.00         | 1.13           |       |
| 117 1,2,4-Trimethylbenzene       | 105 | 10.062    | 10.063        | -0.001        | 99 | 9639     | 1.00         | 1.10           |       |
| 118 sec-Butylbenzene             | 105 | 10.196    | 10.197        | -0.001        | 98 | 10628    | 1.00         | 1.12           |       |
| 120 1,3-Dichlorobenzene          | 146 | 10.317    | 10.319        | -0.002        | 92 | 5282     | 1.00         | 1.11           |       |
| 119 4-Isopropyltoluene           | 119 | 10.329    | 10.325        | 0.004         | 96 | 8677     | 1.00         | 1.11           |       |
| * 121 1,4-Dichlorobenzene-d4     | 152 | 10.384    | 10.385        | -0.001        | 98 | 189061   | 50.0         | 50.0           |       |
| 122 1,4-Dichlorobenzene          | 146 | 10.402    | 10.404        | -0.002        | 91 | 5594     | 1.00         | 1.12           |       |
| 123 1,2,3-Trimethylbenzene       | 105 | 10.421    | 10.428        | -0.007        | 98 | 10058    | 1.00         | 1.08           |       |
| 124 Benzyl chloride              | 91  | 10.536    | 10.531        | 0.005         | 97 | 4529     | 1.00         | 0.8948         |       |
| 125 2,3-Dihydroindene            | 117 | 10.585    | 10.586        | -0.001        | 94 | 10243    | NC           | NC             |       |
| 126 p-Diethylbenzene             | 119 | 10.652    | 10.647        | 0.005         | 88 | 4628     | NC           | NC             |       |
| 127 n-Butylbenzene               | 92  | 10.664    | 10.671        | -0.007        | 96 | 4918     | 1.00         | 1.12           |       |
| 128 1,2-Dichlorobenzene          | 146 | 10.713    | 10.714        | -0.001        | 91 | 5246     | 1.00         | 1.11           |       |
| 129 1,2,4,5-Tetramethylbenzene   | 119 | 11.272    | 11.274        | -0.002        | 96 | 9006     | NC           | NC             |       |
| 130 1,2-Dibromo-3-Chloropropane  | 157 | 11.358    | 11.353        | 0.005         | 80 | 464      | 1.00         | 0.9367         |       |
| 131 1,3,5-Trichlorobenzene       | 180 | 11.461    | 11.462        | -0.001        | 95 | 3685     | NC           | NC             |       |
| 132 1,2,4-Trichlorobenzene       | 180 | 11.942    | 11.937        | 0.005         | 91 | 3554     | 1.00         | 1.15           |       |
| 133 Hexachlorobutadiene          | 225 | 12.021    | 12.022        | -0.001        | 83 | 1153     | 1.00         | 1.08           |       |
| 134 Naphthalene                  | 128 | 12.124    | 12.125        | -0.001        | 99 | 8962     | 1.00         | 1.13           |       |
| 135 1,2,3-Trichlorobenzene       | 180 | 12.294    | 12.296        | -0.002        | 95 | 3246     | 1.00         | 1.14           |       |
| S 136 1,2-Dichloroethene, Total  | 100 |           |               |               | 0  |          | 2.00         | 2.50           |       |

| Compound             | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|----------------------|-----|--------------|------------------|------------------|---|----------|-----------------|-------------------|-------|
| S 137 Xylenes, Total | 100 |              |                  |                  | 0 |          | 2.00            | 2.22              |       |
| S 138 Total BTEX     | 1   |              |                  |                  | 0 |          | 5.00            | 5.59              |       |

### QC Flag Legend

#### Processing Flags

NC - Not Calibrated

#### Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

|                    |                     |           |             |
|--------------------|---------------------|-----------|-------------|
| 8260MIX1COMB_00160 | Amount Added: 10.00 | Units: uL |             |
| 524freon_00058     | Amount Added: 10.00 | Units: uL |             |
| ACROLEIN W_00145   | Amount Added: 4.00  | Units: uL |             |
| GASES Li_00497     | Amount Added: 10.00 | Units: uL |             |
| 14DIOXINTER_00146  | Amount Added: 30.00 | Units: uL |             |
| 8260ISNEW_00171    | Amount Added: 1.00  | Units: uL | Run Reagent |
| 8260SURR250_00232  | Amount Added: 1.00  | Units: uL | Run Reagent |

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81263.D

Injection Date: 12-Oct-2022 23:56:30

Instrument ID: CVOAMS8

Lims ID: STD1

Operator ID:

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

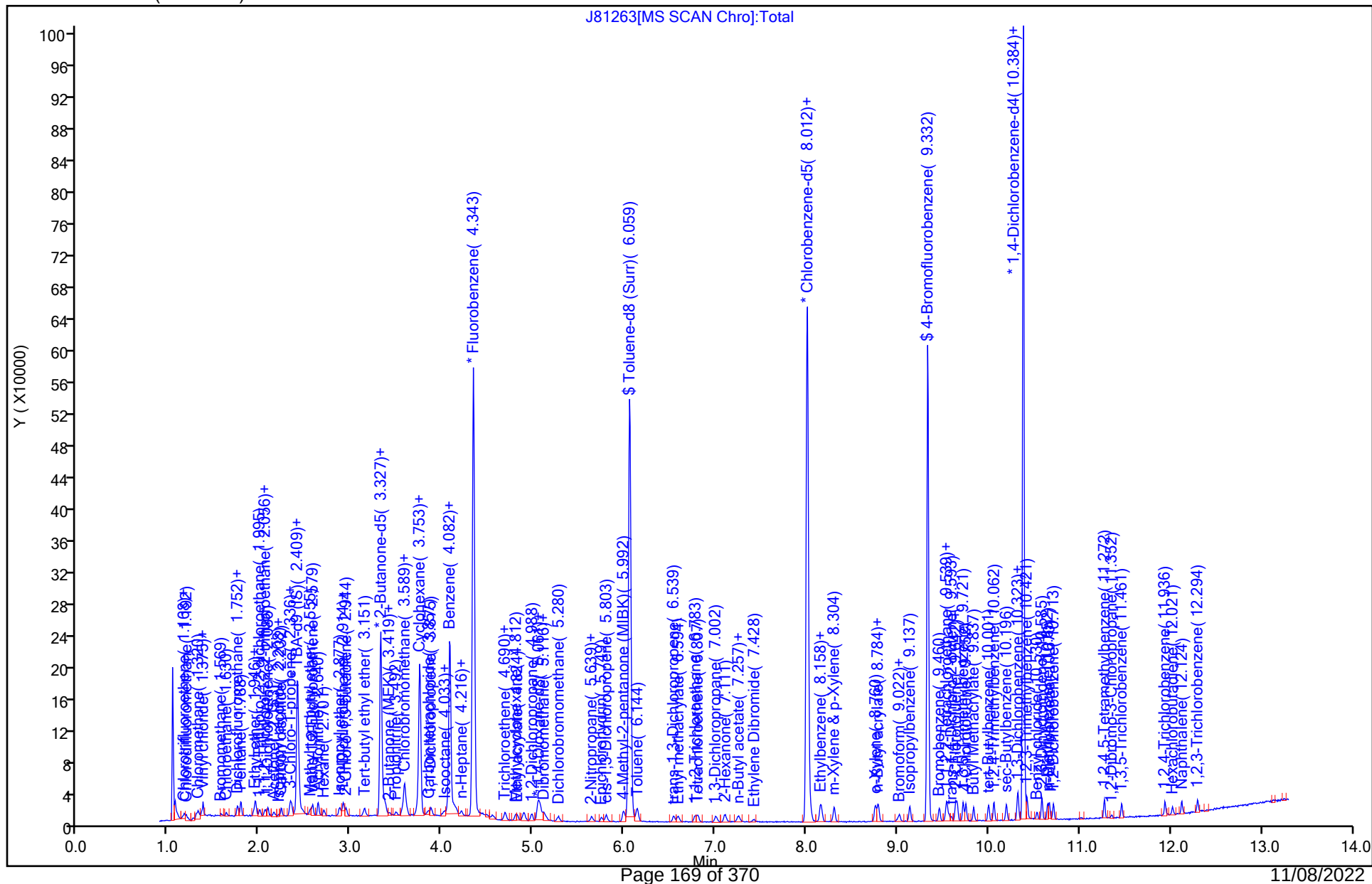
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81263.D  
Injection Date: 12-Oct-2022 23:56:30 Instrument ID: CVOAMS8  
Lims ID: STD1  
Client ID:  
Operator ID:  
Purge Vol: 5.000 mL  
Method: 8260\_W8  
Column: Rtx-624 ( 0.25 mm)

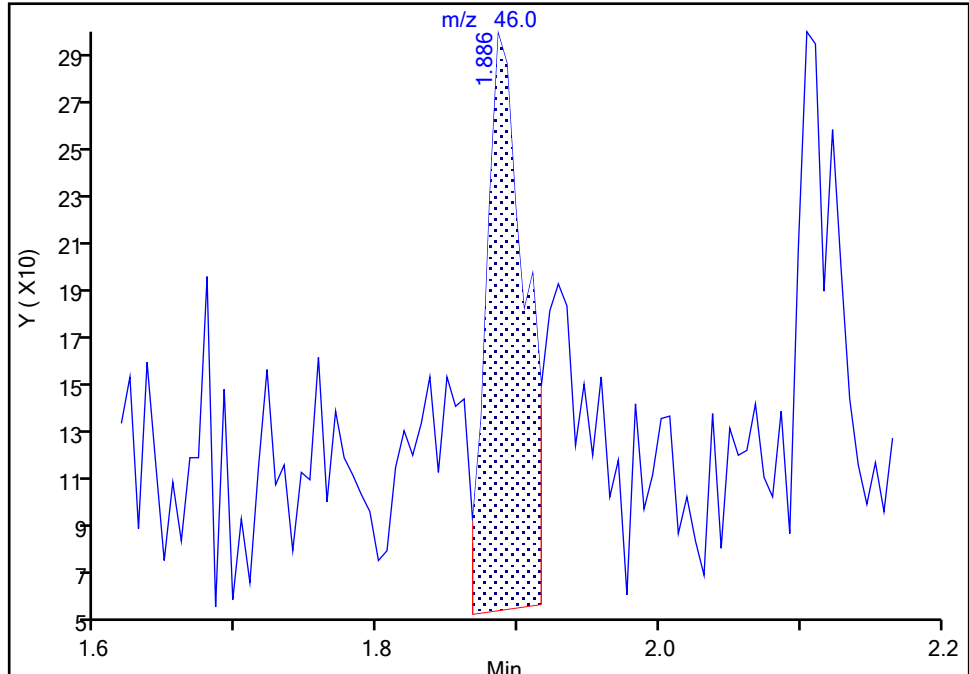
ALS Bottle#: 4 Worklist Smp#: 4  
Dil. Factor: 1.0000  
Limit Group: VOA 624.1 ICAL  
Detector: MS SCAN

**14 Ethanol, CAS: 64-17-5**

Signal: 1

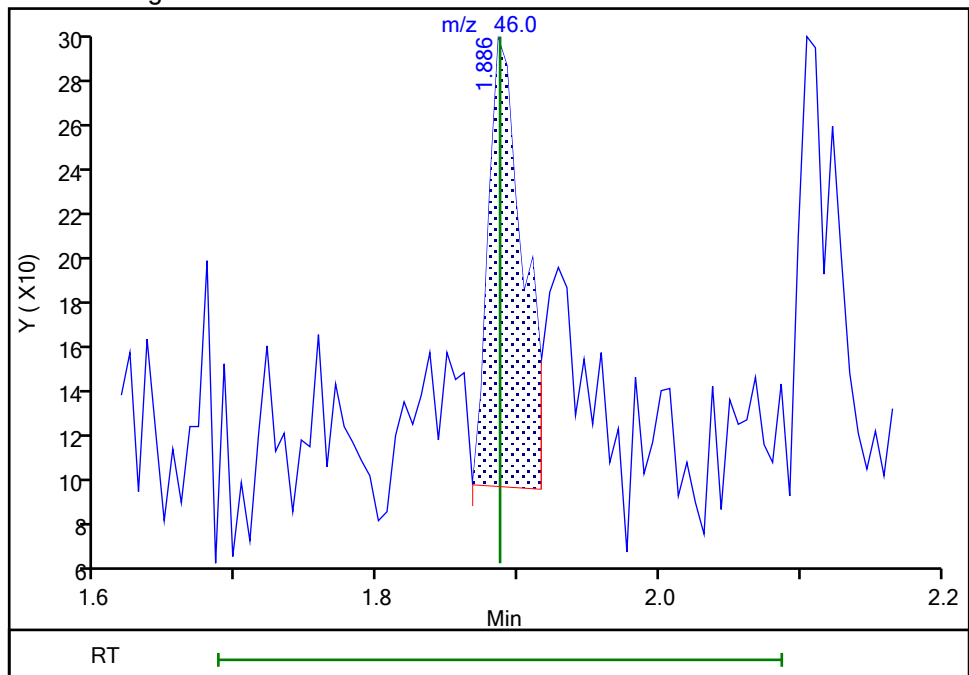
RT: 1.89  
Area: 458  
Amount: 74.028514  
Amount Units: ug/l

## Processing Integration Results



RT: 1.89  
Area: 343  
Amount: 43.588883  
Amount Units: ug/l

## Manual Integration Results



Reviewer: W9CM, 14-Oct-2022 15:29:18  
Audit Action: Manually Integrated

Audit Reason: Baseline  
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11/08/2022



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81263.D

Injection Date: 12-Oct-2022 23:56:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

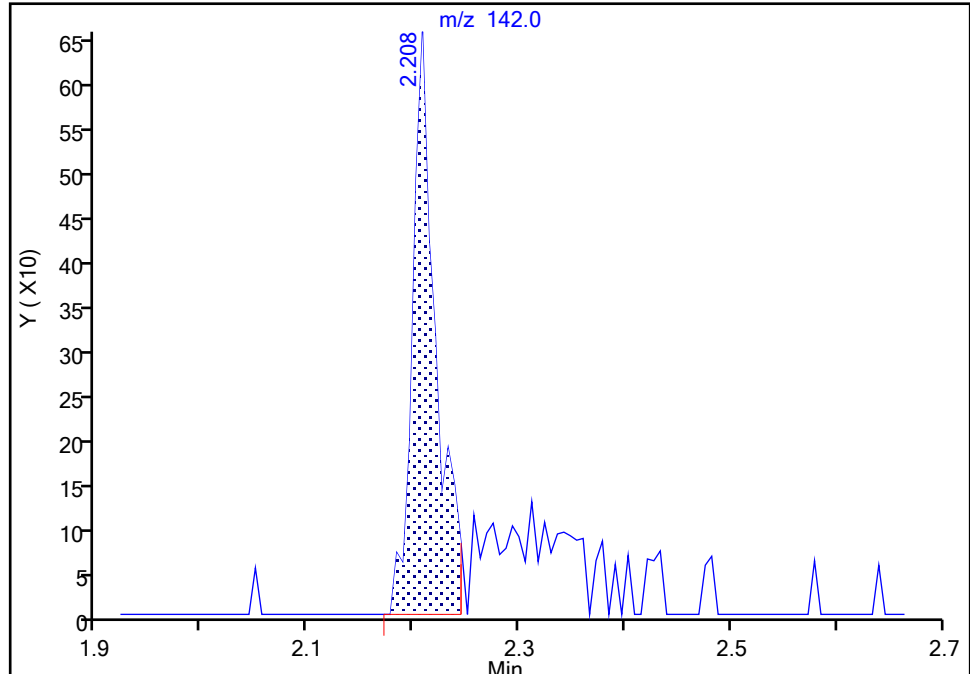
Detector: MS SCAN

**23 Iodomethane, CAS: 74-88-4**

Signal: 1

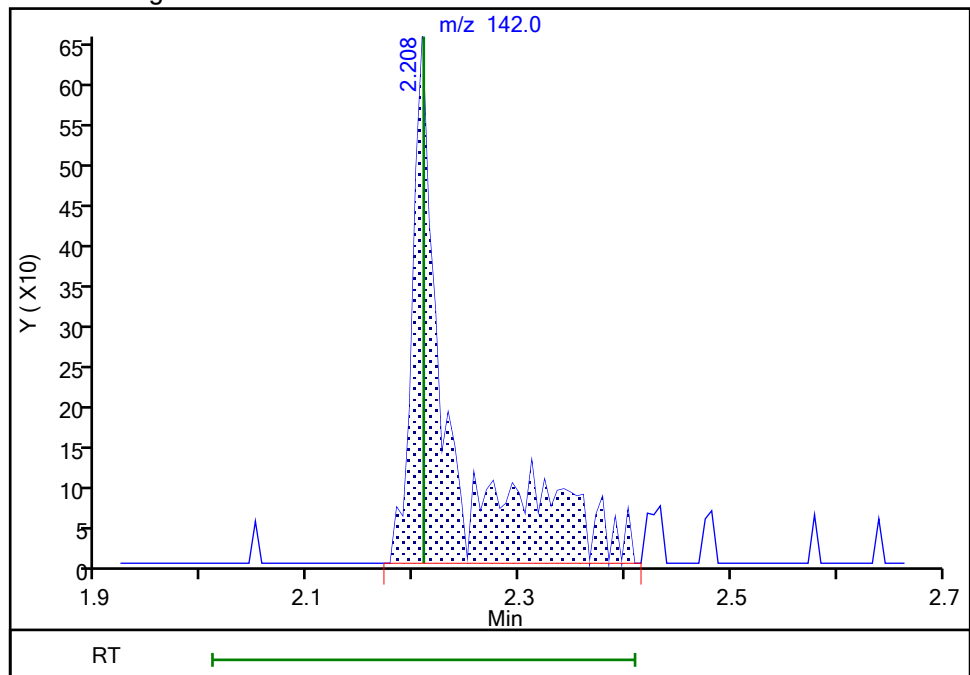
RT: 2.21  
Area: 1000  
Amount: 0.490761  
Amount Units: ug/l

## Processing Integration Results



RT: 2.21  
Area: 1661  
Amount: 1.062242  
Amount Units: ug/l

## Manual Integration Results



Reviewer: HVW2, 13-Oct-2022 02:18:08

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81263.D

Injection Date: 12-Oct-2022 23:56:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

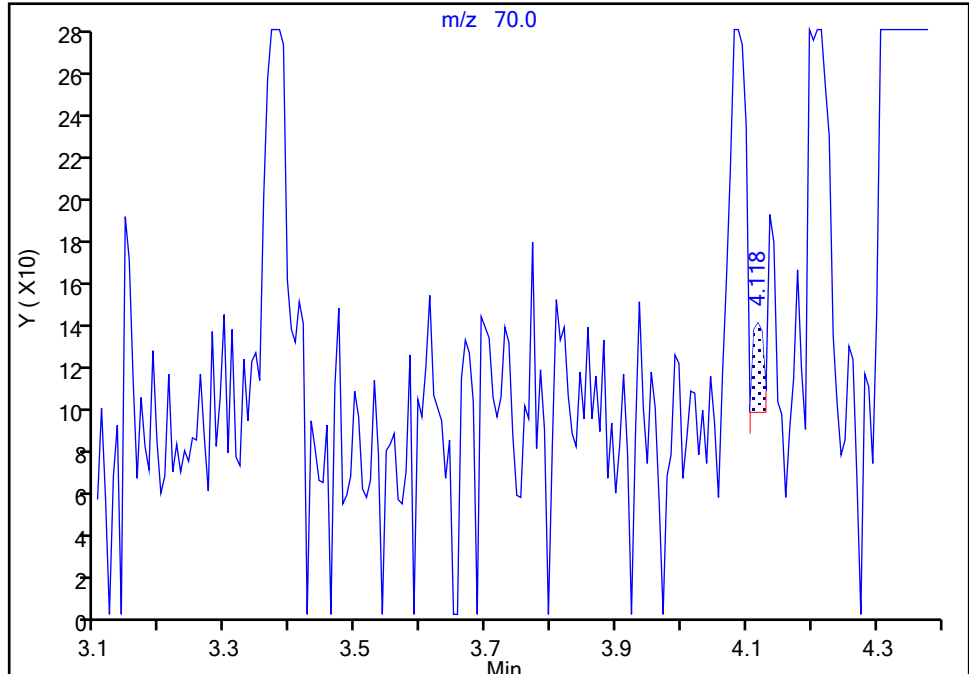
Detector: MS SCAN

**45 Ethyl acetate, CAS: 141-78-6**

Signal: 1

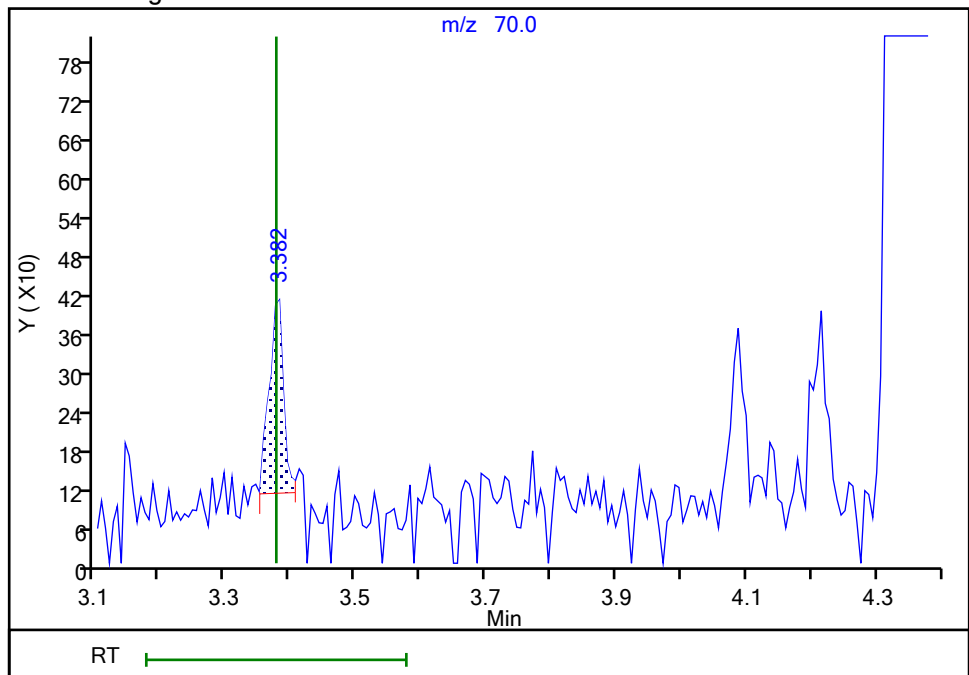
RT: 4.12  
Area: 47  
Amount: 0.224788  
Amount Units: ug/l

## Processing Integration Results



RT: 3.38  
Area: 460  
Amount: 2.142036  
Amount Units: ug/l

## Manual Integration Results



Reviewer: HVW2, 13-Oct-2022 02:09:56

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81263.D

Injection Date: 12-Oct-2022 23:56:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

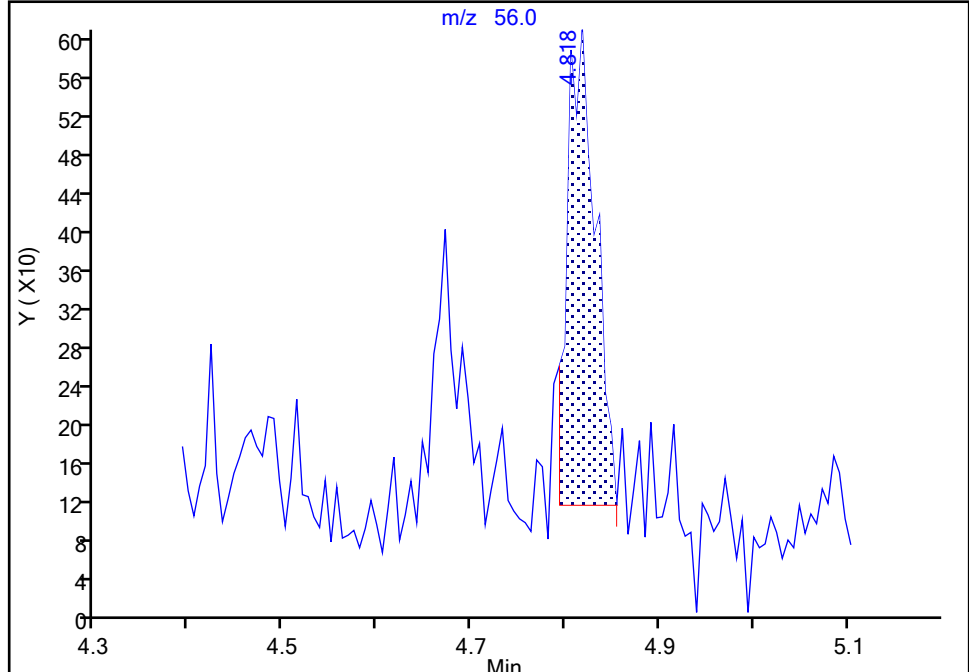
Detector: MS SCAN

**67 n-Butanol, CAS: 71-36-3**

Signal: 1

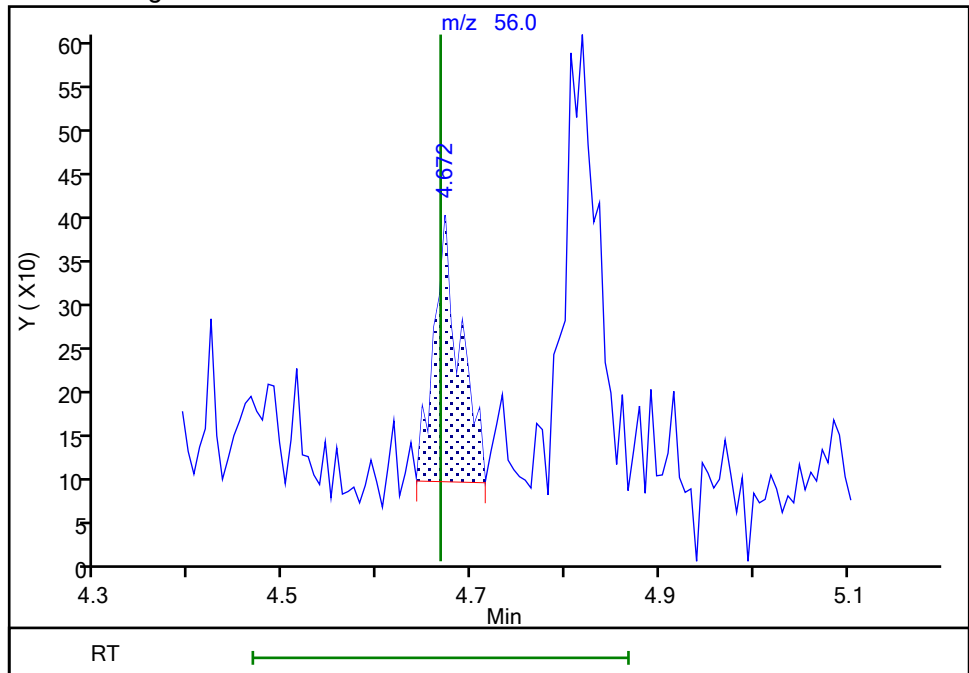
RT: 4.82  
Area: 1028  
Amount: 25.000000  
Amount Units: ug/l

## Processing Integration Results



RT: 4.67  
Area: 585  
Amount: 17.702364  
Amount Units: ug/l

## Manual Integration Results



Reviewer: W9CM, 14-Oct-2022 15:47:07

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81263.D

Injection Date: 12-Oct-2022 23:56:30

Instrument ID: CVOAMS8

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector

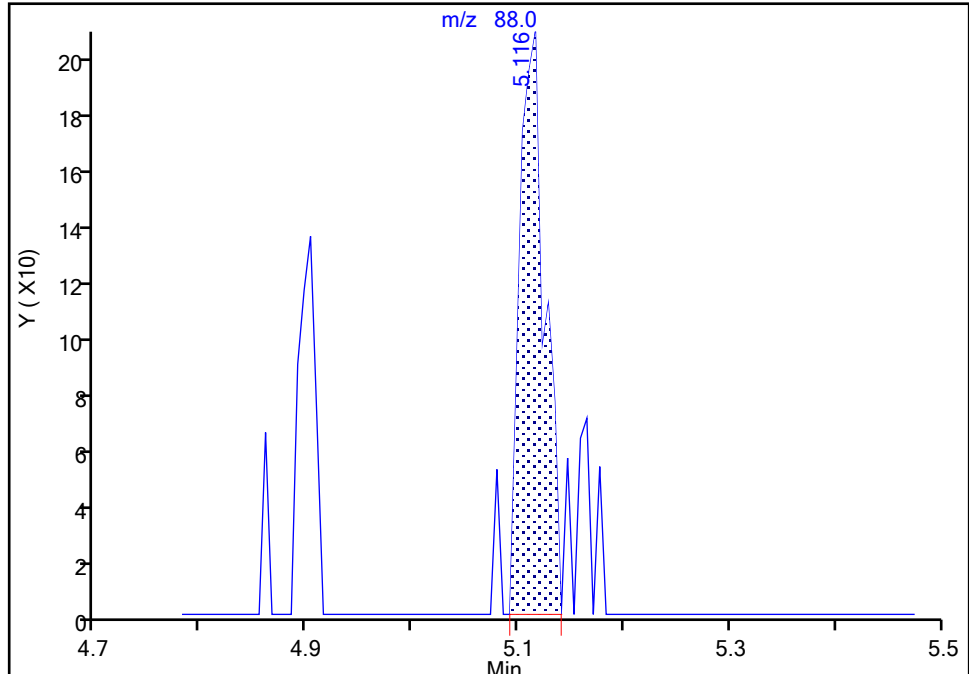
MS SCAN

**75 1,4-Dioxane, CAS: 123-91-1**

Signal: 1

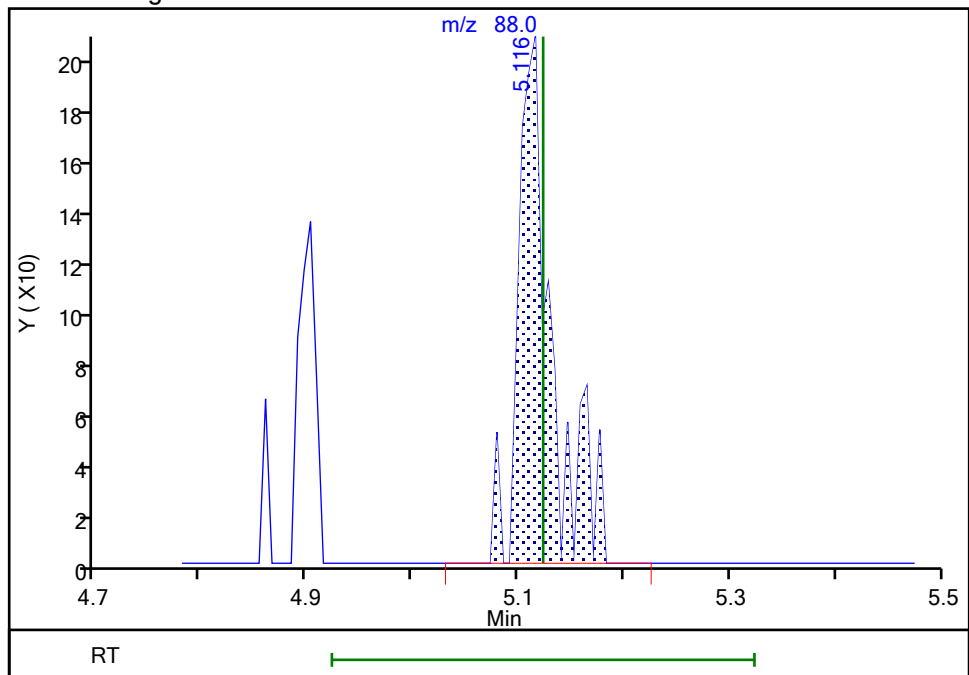
RT: 5.12  
Area: 337  
Amount: 21.946271  
Amount Units: ug/l

## Processing Integration Results



RT: 5.12  
Area: 443  
Amount: 33.046143  
Amount Units: ug/l

## Manual Integration Results



Reviewer: HVW2, 13-Oct-2022 02:10:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81264.D  
 Lims ID: STD5  
 Client ID:  
 Sample Type: IC Calib Level: 2  
 Inject. Date: 13-Oct-2022 00:21:30 ALS Bottle#: 5 Worklist Smp#: 5  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD5  
 Misc. Info.: 460-0151655-005  
 Operator ID: Instrument ID: CVOAMS8  
 Sublist: chrom-8260\_W8\*sub61  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 14-Oct-2022 16:02:16 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1652

First Level Reviewer: HVW2

Date: 13-Oct-2022 01:01:38

| Compound                                 | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 2 Chlorotrifluoroethene                  | 118 | 1.150     | 1.151         | -0.001        | 96  | 1463     | NC           | NC             |       |
| 4 Dichlorodifluoromethane                | 85  | 1.174     | 1.175         | -0.001        | 100 | 17424    | 5.00         | 5.22           |       |
| 5 Chlorodifluoromethane                  | 67  | 1.193     | 1.193         | 0.000         | 98  | 3406     | NC           | NC             |       |
| 6 Chloromethane                          | 50  | 1.302     | 1.303         | -0.001        | 99  | 24499    | 5.00         | 5.09           |       |
| 7 Vinyl chloride                         | 62  | 1.363     | 1.364         | -0.001        | 98  | 16302    | 5.00         | 5.09           |       |
| 8 Butadiene                              | 54  | 1.375     | 1.376         | -0.001        | 94  | 16168    | 5.00         | 5.26           |       |
| 9 Bromomethane                           | 94  | 1.570     | 1.577         | -0.007        | 98  | 5612     | 5.00         | 4.76           |       |
| 10 Chloroethane                          | 64  | 1.631     | 1.631         | 0.000         | 99  | 8988     | 5.00         | 5.69           |       |
| 12 Dichlorofluoromethane                 | 67  | 1.752     | 1.753         | -0.001        | 99  | 25818    | NC           | NC             |       |
| 11 Trichlorofluoromethane                | 101 | 1.758     | 1.759         | -0.001        | 98  | 17621    | 5.00         | 5.18           |       |
| 13 Pentane                               | 43  | 1.789     | 1.789         | 0.000         | 96  | 47440    | 10.0         | 12.0           |       |
| 14 Ethanol                               | 46  | 1.886     | 1.887         | -0.001        | 94  | 1672     | 200.0        | 209.7          | M     |
| 15 Ethyl ether                           | 59  | 1.929     | 1.929         | 0.000         | 90  | 9784     | 5.00         | 4.95           |       |
| 16 2-Methyl-1,3-butadiene                | 53  | 1.947     | 1.948         | -0.001        | 94  | 13635    | 5.00         | 5.47           |       |
| 17 1,2-Dichloro-1,1,2-trifluoroethane    | 117 | 1.959     | 1.960         | -0.001        | 98  | 7919     | NC           | NC             |       |
| 18 1,1,1-Trifluoro-2,2-dichloroethane    | 83  | 1.996     | 1.996         | 0.000         | 97  | 17600    | NC           | NC             |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroethane | 101 | 2.057     | 2.057         | 0.000         | 91  | 10924    | 5.00         | 5.43           |       |
| 19 Acrolein                              | 56  | 2.063     | 2.057         | 0.006         | 99  | 6575     | 20.0         | 20.7           |       |
| 21 1,1-Dichloroethene                    | 96  | 2.087     | 2.088         | -0.001        | 92  | 10419    | 5.00         | 5.17           |       |
| 22 Acetone                               | 43  | 2.148     | 2.148         | 0.000         | 84  | 17697    | 25.0         | 24.7           |       |
| 23 Iodomethane                           | 142 | 2.209     | 2.209         | 0.000         | 98  | 6937     | 5.00         | 3.51           |       |
| 25 Isopropyl alcohol                     | 45  | 2.209     | 2.209         | 0.000         | 70  | 4753     | 50.0         | 51.7           |       |
| 24 Carbon disulfide                      | 76  | 2.233     | 2.234         | -0.001        | 100 | 36178    | 5.00         | 4.89           |       |
| 26 3-Chloro-1-propene                    | 76  | 2.330     | 2.331         | -0.001        | 94  | 7128     | 5.00         | 5.04           |       |
| 28 Methyl acetate                        | 43  | 2.336     | 2.337         | -0.001        | 98  | 18802    | 10.0         | 9.67           |       |
| 27 Cyclopentene                          | 67  | 2.349     | 2.349         | 0.000         | 95  | 30917    | NC           | NC             |       |
| 29 Acetonitrile                          | 41  | 2.379     | 2.380         | -0.001        | 99  | 11227    | 50.0         | 47.9           |       |
| * 30 TBA-d9 (IS)                         | 65  | 2.409     | 2.410         | -0.001        | 75  | 176983   | 1000.0       | 1000.0         |       |
| 31 Methylene Chloride                    | 84  | 2.428     | 2.428         | 0.000         | 95  | 12771    | 5.00         | 5.13           |       |
| 32 2-Methyl-2-propanol                   | 59  | 2.464     | 2.465         | -0.001        | 96  | 6888     | 50.0         | 48.5           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 33 Methyl tert-butyl ether         | 73  | 2.555     | 2.556         | -0.001        | 96  | 29418    | 5.00         | 4.75           |       |
| 34 trans-1,2-Dichloroethene        | 96  | 2.580     | 2.580         | 0.000         | 98  | 11789    | 5.00         | 5.16           |       |
| 35 Acrylonitrile                   | 53  | 2.641     | 2.635         | 0.006         | 93  | 44070    | 50.0         | 52.1           |       |
| 36 Hexane                          | 57  | 2.701     | 2.702         | -0.001        | 91  | 14985    | 5.00         | 5.27           |       |
| 37 Isopropyl ether                 | 45  | 2.872     | 2.872         | 0.000         | 96  | 46632    | 5.00         | 4.93           |       |
| 38 1,1-Dichloroethane              | 63  | 2.908     | 2.909         | -0.001        | 99  | 27661    | 5.00         | 5.39           |       |
| 39 Vinyl acetate                   | 43  | 2.914     | 2.915         | -0.001        | 100 | 62993    | 10.0         | 10.5           |       |
| 40 2-Chloro-1,3-butadiene          | 88  | 2.945     | 2.945         | 0.000         | 96  | 10225    | NC           | NC             |       |
| 41 Tert-butyl ethyl ether          | 59  | 3.145     | 3.146         | -0.001        | 86  | 36556    | NC           | NC             |       |
| * 43 2-Butanone-d5                 | 46  | 3.322     | 3.323         | -0.001        | 90  | 270494   | 250.0        | 250.0          |       |
| 42 2,2-Dichloropropane             | 79  | 3.334     | 3.335         | -0.001        | 92  | 6392     | 5.00         | 4.85           |       |
| 44 cis-1,2-Dichloroethene          | 96  | 3.358     | 3.359         | -0.001        | 90  | 13004    | 5.00         | 5.18           |       |
| 46 2-Butanone (MEK)                | 72  | 3.377     | 3.377         | 0.000         | 94  | 5342     | 25.0         | 25.1           |       |
| 45 Ethyl acetate                   | 70  | 3.377     | 3.377         | 0.000         | 91  | 2157     | 10.0         | 9.71           | a     |
| 47 Methyl acrylate                 | 55  | 3.425     | 3.426         | -0.001        | 98  | 10127    | NC           | NC             |       |
| 48 Propionitrile                   | 54  | 3.492     | 3.493         | -0.001        | 97  | 15508    | NC           | NC             |       |
| 50 Chlorobromomethane              | 128 | 3.565     | 3.566         | -0.001        | 93  | 5485     | 5.00         | 4.94           |       |
| 49 Tetrahydrofuran                 | 72  | 3.565     | 3.566         | -0.001        | 55  | 2437     | 10.0         | 11.5           |       |
| 51 Methacrylonitrile               | 67  | 3.583     | 3.584         | -0.001        | 97  | 45257    | NC           | NC             |       |
| 52 Chloroform                      | 83  | 3.608     | 3.608         | 0.000         | 97  | 23510    | 5.00         | 5.25           |       |
| 53 Cyclohexane                     | 84  | 3.729     | 3.724         | 0.005         | 97  | 15181    | 5.00         | 5.45           |       |
| 54 1,1,1-Trichloroethane           | 97  | 3.736     | 3.742         | -0.006        | 96  | 18272    | 5.00         | 5.16           |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.754     | 3.754         | 0.000         | 95  | 84338    | 50.0         | 42.7           |       |
| 56 Carbon tetrachloride            | 117 | 3.851     | 3.852         | -0.001        | 97  | 14263    | 5.00         | 5.06           |       |
| 57 1,1-Dichloropropene             | 75  | 3.882     | 3.882         | 0.000         | 92  | 17277    | 5.00         | 5.08           |       |
| 58 Isobutyl alcohol                | 43  | 4.009     | 4.010         | -0.001        | 92  | 15006    | NC           | NC             |       |
| 59 Isooctane                       | 57  | 4.034     | 4.034         | 0.000         | 97  | 27410    | NC           | NC             |       |
| 60 Benzene                         | 78  | 4.070     | 4.065         | 0.005         | 97  | 49674    | 5.00         | 5.18           |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.082     | 4.083         | -0.001        | 0   | 116439   | 50.0         | 42.9           |       |
| 62 Isopropyl acetate               | 43  | 4.125     | 4.126         | -0.001        | 93  | 33852    | 5.00         | 4.76           |       |
| 63 Tert-amyl methyl ether          | 55  | 4.137     | 4.132         | 0.005         | 87  | 7729     | NC           | NC             |       |
| 64 1,2-Dichloroethane              | 62  | 4.155     | 4.156         | -0.001        | 96  | 19199    | 5.00         | 5.05           |       |
| 65 n-Heptane                       | 57  | 4.216     | 4.211         | 0.005         | 97  | 5721     | 5.00         | 5.05           |       |
| * 66 Fluorobenzene                 | 96  | 4.344     | 4.345         | -0.001        | 97  | 453872   | 50.0         | 50.0           |       |
| 67 n-Butanol                       | 56  | 4.666     | 4.667         | -0.001        | 97  | 3863     | 125.0        | 115.4          |       |
| 68 Trichloroethene                 | 95  | 4.691     | 4.691         | 0.000         | 91  | 12567    | 5.00         | 4.98           |       |
| 69 Methylcyclohexane               | 83  | 4.806     | 4.813         | -0.007        | 84  | 14924    | 5.00         | 5.21           |       |
| 70 Ethyl acrylate                  | 55  | 4.818     | 4.819         | -0.001        | 97  | 29444    | 5.00         | 4.83           |       |
| 71 1,2-Dichloropropane             | 63  | 4.989     | 4.983         | 0.006         | 89  | 15072    | 5.00         | 5.01           |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.056     | 5.056         | 0.000         | 0   | 23491    | 1000.0       | 1000.0         |       |
| 73 Methyl methacrylate             | 100 | 5.080     | 5.075         | 0.005         | 93  | 4325     | 10.0         | 9.51           |       |
| 74 Dibromomethane                  | 93  | 5.117     | 5.117         | 0.000         | 88  | 8071     | 5.00         | 4.87           |       |
| 75 1,4-Dioxane                     | 88  | 5.117     | 5.123         | -0.006        | 32  | 1656     | 100.0        | 129.7          |       |
| 76 n-Propyl acetate                | 43  | 5.141     | 5.135         | 0.006         | 98  | 16727    | 5.00         | 4.41           |       |
| 77 Dichlorobromomethane            | 83  | 5.275     | 5.275         | 0.000         | 98  | 16281    | 5.00         | 4.83           |       |
| 78 2-Nitropropane                  | 41  | 5.634     | 5.634         | 0.000         | 77  | 6760     | NC           | NC             |       |
| 79 2-Chloroethyl vinyl ether       | 63  | 5.646     | 5.640         | 0.006         | 77  | 7983     | 5.01         | 4.78           |       |
| 80 Epichlorohydrin                 | 57  | 5.749     | 5.750         | -0.001        | 99  | 21548    | 100.0        | 99.1           |       |
| 81 cis-1,3-Dichloropropene         | 75  | 5.804     | 5.805         | -0.001        | 98  | 22120    | 5.00         | 4.90           |       |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 5.993     | 5.993         | 0.000         | 97  | 64689    | 25.0         | 25.2           |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.059     | 6.060         | -0.001        | 98  | 312172   | 50.0         | 42.4           |       |
| 84 Toluene                         | 91  | 6.145     | 6.145         | 0.000         | 92  | 50271    | 5.00         | 5.02           |       |

| Compound                         | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|----------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 85 trans-1,3-Dichloropropene     | 75  | 6.540     | 6.541         | -0.001        | 96 | 18907    | 5.00         | 4.71           |       |
| 86 Ethyl methacrylate            | 69  | 6.589     | 6.589         | 0.000         | 97 | 15292    | NC           | NC             |       |
| 87 1,1,2-Trichloroethane         | 83  | 6.777     | 6.778         | -0.001        | 94 | 10512    | 5.00         | 4.97           |       |
| 88 Tetrachloroethene             | 166 | 6.808     | 6.808         | 0.000         | 88 | 10485    | 5.00         | 5.02           |       |
| 89 1,3-Dichloropropane           | 76  | 7.008     | 7.009         | -0.001        | 96 | 19381    | 5.00         | 4.96           |       |
| 90 2-Hexanone                    | 58  | 7.106     | 7.100         | 0.006         | 99 | 21600    | 25.0         | 25.8           |       |
| 91 n-Butyl acetate               | 43  | 7.246     | 7.246         | 0.000         | 95 | 23204    | 5.00         | 5.02           |       |
| 92 Chlorodibromomethane          | 129 | 7.264     | 7.259         | 0.005         | 96 | 10015    | 5.00         | 4.49           |       |
| 93 Ethylene Dibromide            | 107 | 7.422     | 7.423         | -0.001        | 98 | 11018    | 5.00         | 4.84           |       |
| * 94 Chlorobenzene-d5            | 117 | 8.012     | 8.013         | -0.001        | 92 | 343778   | 50.0         | 50.0           |       |
| 95 Chlorobenzene                 | 112 | 8.043     | 8.049         | -0.006        | 92 | 30778    | 5.00         | 5.09           |       |
| 96 Ethylbenzene                  | 106 | 8.158     | 8.153         | 0.005         | 99 | 16314    | 5.00         | 5.16           |       |
| 97 1,1,1,2-Tetrachloroethane     | 131 | 8.170     | 8.165         | 0.005         | 91 | 9762     | 5.00         | 4.74           |       |
| 98 m-Xylene & p-Xylene           | 106 | 8.304     | 8.305         | -0.001        | 0  | 19914    | 5.00         | 5.06           |       |
| 99 o-Xylene                      | 106 | 8.754     | 8.755         | -0.001        | 92 | 20522    | 5.00         | 5.18           |       |
| 100 n-Butyl acrylate             | 73  | 8.773     | 8.773         | 0.000         | 94 | 9588     | 5.00         | 4.79           |       |
| 101 Styrene                      | 104 | 8.791     | 8.792         | -0.001        | 91 | 33366    | 5.00         | 4.92           |       |
| 103 Bromoform                    | 173 | 8.998     | 9.004         | -0.006        | 91 | 5762     | 5.00         | 4.13           |       |
| 102 Amyl acetate (mixed isomers) | 43  | 9.022     | 9.017         | 0.005         | 86 | 27264    | 5.00         | 4.98           |       |
| 104 Isopropylbenzene             | 105 | 9.138     | 9.138         | 0.000         | 97 | 49904    | 5.00         | 5.18           |       |
| \$ 105 4-Bromofluorobenzene      | 174 | 9.332     | 9.333         | -0.001        | 84 | 103084   | 50.0         | 42.2           |       |
| 106 Bromobenzene                 | 156 | 9.460     | 9.461         | -0.001        | 92 | 13692    | 5.00         | 5.14           |       |
| 107 1,1,2,2-Tetrachloroethane    | 83  | 9.527     | 9.528         | -0.001        | 99 | 15731    | 5.00         | 5.00           |       |
| 108 N-Propylbenzene              | 91  | 9.545     | 9.546         | -0.001        | 98 | 64960    | 5.00         | 5.20           |       |
| 109 1,2,3-Trichloropropane       | 110 | 9.564     | 9.564         | 0.000         | 94 | 3628     | 5.00         | 5.23           |       |
| 110 trans-1,4-Dichloro-2-butene  | 53  | 9.588     | 9.595         | -0.007        | 76 | 4992     | NC           | NC             |       |
| 111 2-Chlorotoluene              | 91  | 9.637     | 9.637         | 0.000         | 98 | 45940    | 5.00         | 5.15           |       |
| 112 4-Ethyltoluene               | 105 | 9.655     | 9.655         | 0.000         | 97 | 51040    | NC           | NC             |       |
| 113 1,3,5-Trimethylbenzene       | 105 | 9.722     | 9.722         | 0.000         | 91 | 43118    | 5.00         | 5.18           |       |
| 114 4-Chlorotoluene              | 91  | 9.752     | 9.753         | -0.001        | 99 | 44154    | 5.00         | 5.13           |       |
| 115 Butyl Methacrylate           | 87  | 9.837     | 9.838         | -0.001        | 97 | 15963    | 5.00         | 4.93           |       |
| 116 tert-Butylbenzene            | 119 | 10.002    | 10.002        | 0.000         | 88 | 32388    | 5.00         | 5.14           |       |
| 117 1,2,4-Trimethylbenzene       | 105 | 10.062    | 10.063        | -0.001        | 99 | 44439    | 5.00         | 5.05           |       |
| 118 sec-Butylbenzene             | 105 | 10.196    | 10.197        | -0.001        | 98 | 49635    | 5.00         | 5.23           |       |
| 120 1,3-Dichlorobenzene          | 146 | 10.318    | 10.319        | -0.001        | 92 | 24283    | 5.00         | 5.08           |       |
| 119 4-Isopropyltoluene           | 119 | 10.330    | 10.325        | 0.005         | 96 | 39960    | 5.00         | 5.08           |       |
| * 121 1,4-Dichlorobenzene-d4     | 152 | 10.385    | 10.385        | 0.000         | 98 | 189541   | 50.0         | 50.0           |       |
| 122 1,4-Dichlorobenzene          | 146 | 10.403    | 10.404        | -0.001        | 93 | 25252    | 5.00         | 5.04           |       |
| 123 1,2,3-Trimethylbenzene       | 105 | 10.427    | 10.428        | -0.001        | 99 | 47814    | 5.00         | 5.12           |       |
| 124 Benzyl chloride              | 91  | 10.531    | 10.531        | 0.000         | 97 | 22201    | 5.00         | 4.37           |       |
| 125 2,3-Dihydroindene            | 117 | 10.586    | 10.586        | 0.000         | 93 | 43925    | NC           | NC             |       |
| 126 p-Diethylbenzene             | 119 | 10.646    | 10.647        | -0.001        | 90 | 20597    | NC           | NC             |       |
| 127 n-Butylbenzene               | 92  | 10.671    | 10.671        | 0.000         | 97 | 22902    | 5.00         | 5.18           |       |
| 128 1,2-Dichlorobenzene          | 146 | 10.713    | 10.714        | -0.001        | 92 | 24024    | 5.00         | 5.05           |       |
| 129 1,2,4,5-Tetramethylbenzene   | 119 | 11.273    | 11.274        | -0.001        | 96 | 41231    | NC           | NC             |       |
| 130 1,2-Dibromo-3-Chloropropane  | 157 | 11.352    | 11.353        | -0.001        | 86 | 2444     | 5.00         | 4.92           |       |
| 131 1,3,5-Trichlorobenzene       | 180 | 11.462    | 11.462        | 0.000         | 96 | 15953    | NC           | NC             |       |
| 132 1,2,4-Trichlorobenzene       | 180 | 11.942    | 11.937        | 0.005         | 94 | 14881    | 5.00         | 4.82           |       |
| 133 Hexachlorobutadiene          | 225 | 12.021    | 12.022        | -0.001        | 92 | 5594     | 5.00         | 5.25           |       |
| 134 Naphthalene                  | 128 | 12.125    | 12.125        | 0.000         | 98 | 38845    | 5.00         | 4.87           |       |
| 135 1,2,3-Trichlorobenzene       | 180 | 12.295    | 12.296        | -0.001        | 94 | 13311    | 5.00         | 4.68           |       |
| S 136 1,2-Dichloroethene, Total  | 100 |           |               |               | 0  |          | 10.0         | 10.3           |       |

| Compound             | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|----------------------|-----|--------------|------------------|------------------|---|----------|-----------------|-------------------|-------|
| S 137 Xylenes, Total | 100 |              |                  |                  | 0 |          | 10.0            | 10.2              |       |
| S 138 Total BTEX     | 1   |              |                  |                  | 0 |          | 25.0            | 25.6              |       |

### QC Flag Legend

#### Processing Flags

NC - Not Calibrated

#### Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

|                    |                     |           |             |
|--------------------|---------------------|-----------|-------------|
| 8260MIX1COMB_00160 | Amount Added: 10.00 | Units: uL |             |
| 524freon_00058     | Amount Added: 10.00 | Units: uL |             |
| ACROLEIN W_00145   | Amount Added: 4.00  | Units: uL |             |
| GASES Li_00497     | Amount Added: 10.00 | Units: uL |             |
| 8260ISNEW_00171    | Amount Added: 1.00  | Units: uL | Run Reagent |
| 8260SURR250_00232  | Amount Added: 1.00  | Units: uL | Run Reagent |



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81264.D

Injection Date: 13-Oct-2022 00:21:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD5

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

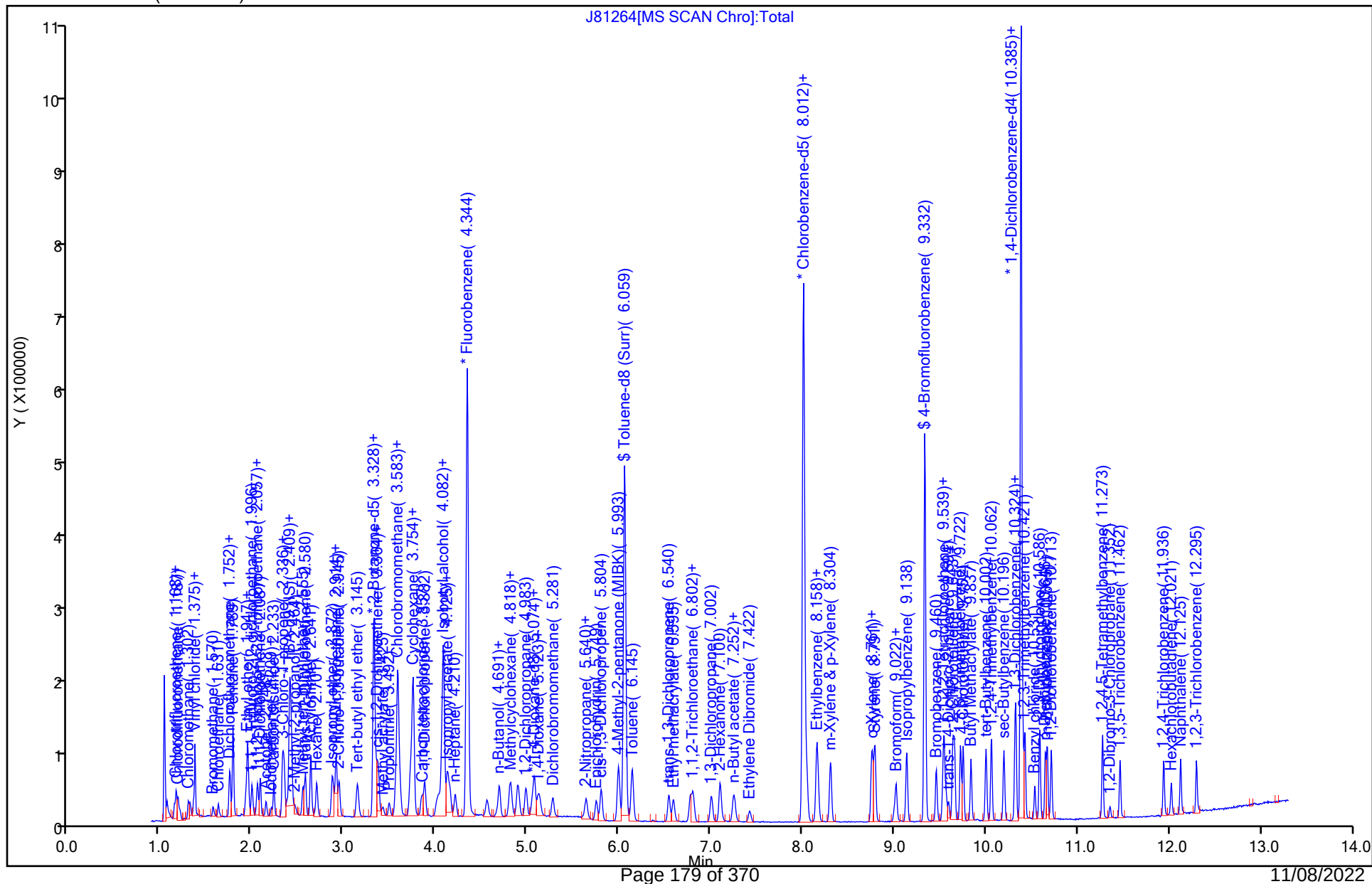
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81264.D

Injection Date: 13-Oct-2022 00:21:30

Instrument ID: CVOAMS8

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

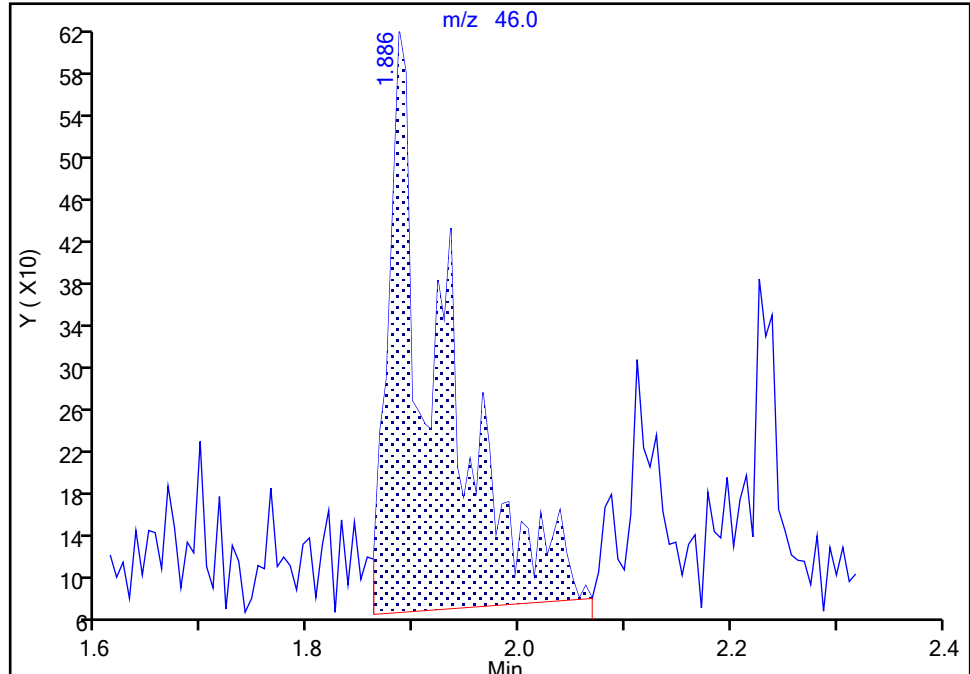
Detector: MS SCAN

**14 Ethanol, CAS: 64-17-5**

Signal: 1

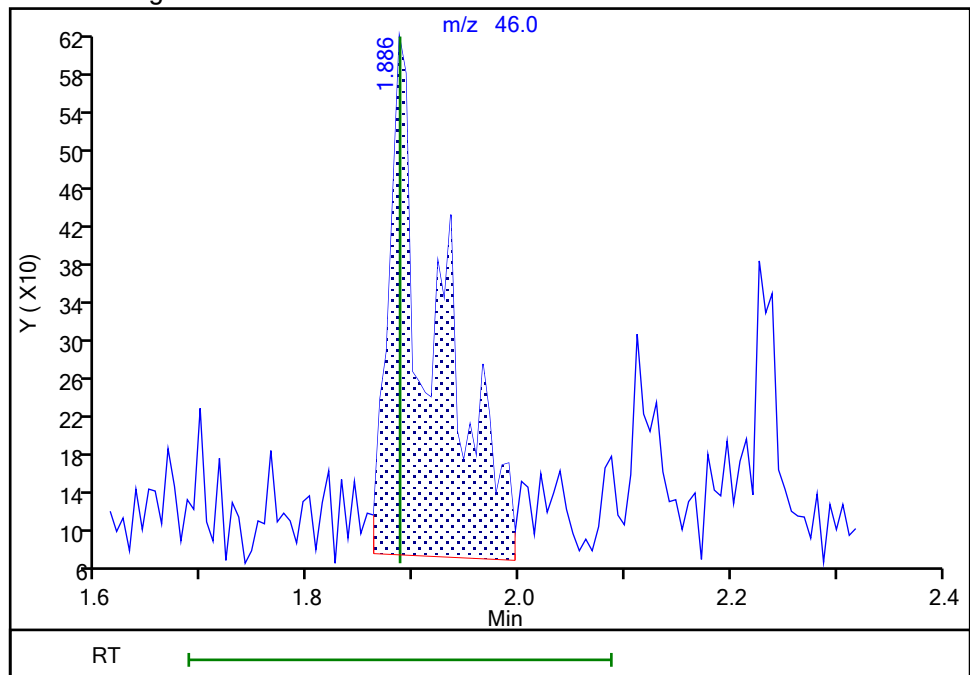
RT: 1.89  
Area: 1893  
Amount: 232.1088  
Amount Units: ug/l

## Processing Integration Results



RT: 1.89  
Area: 1672  
Amount: 209.7474  
Amount Units: ug/l

## Manual Integration Results



Reviewer: W9CM, 14-Oct-2022 15:32:59

Audit Action: Manually Integrated

Audit Reason: Baseline

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81264.D

Injection Date: 13-Oct-2022 00:21:30

Instrument ID: CVOAMS8

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

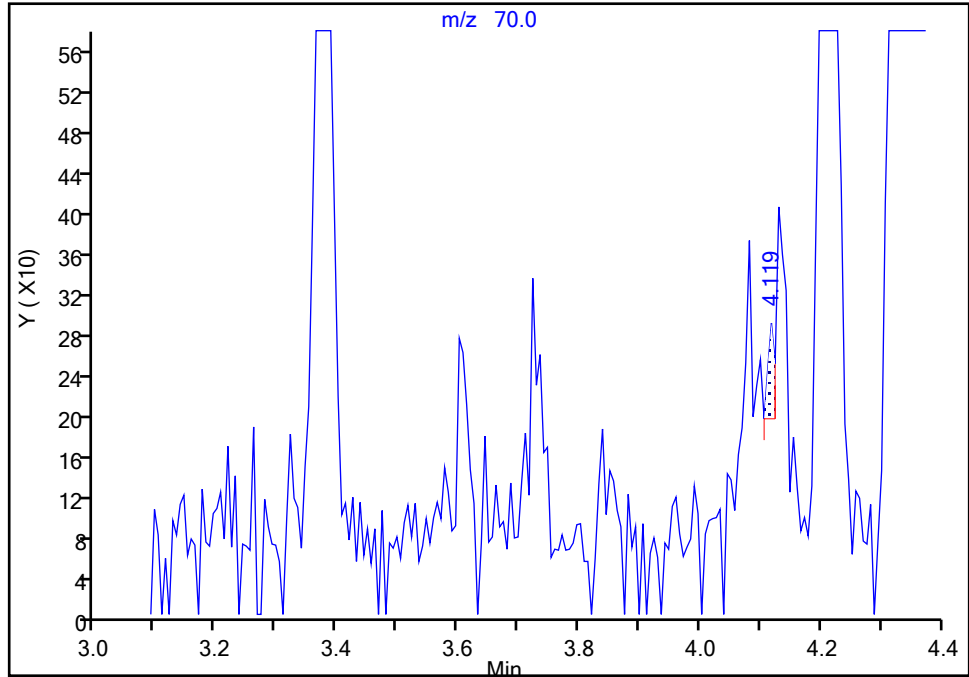
Detector: MS SCAN

**45 Ethyl acetate, CAS: 141-78-6**

Signal: 1

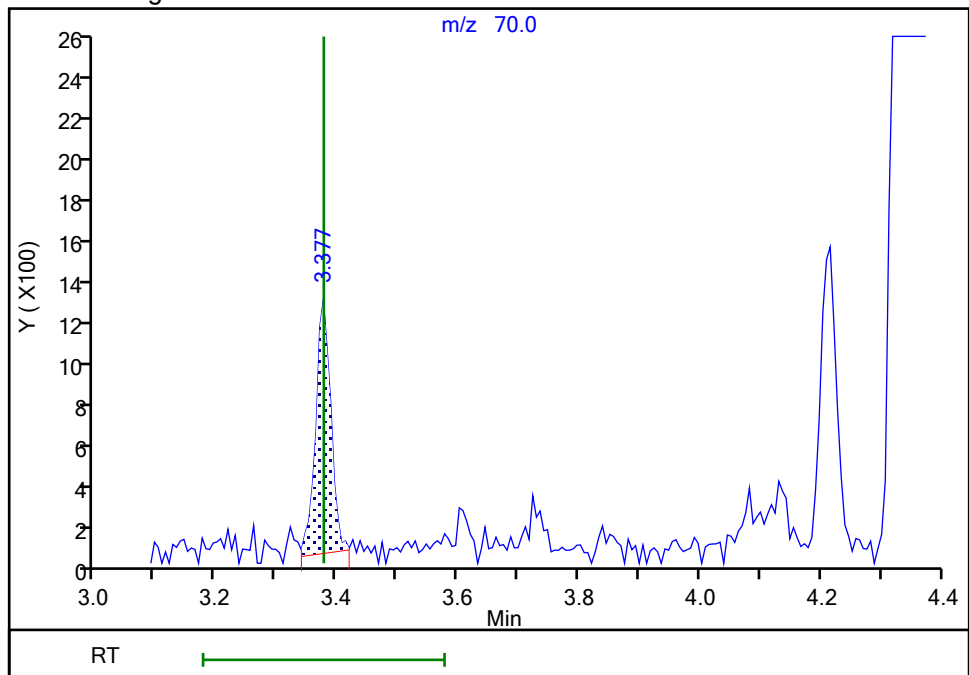
RT: 4.12  
Area: 72  
Amount: 0.337579  
Amount Units: ug/l

## Processing Integration Results



RT: 3.38  
Area: 2157  
Amount: 9.714397  
Amount Units: ug/l

## Manual Integration Results



Reviewer: HVW2, 13-Oct-2022 02:09:31

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81265.D  
 Lims ID: STD20  
 Client ID:  
 Sample Type: ICIS Calib Level: 3  
 Inject. Date: 13-Oct-2022 00:46:30 ALS Bottle#: 6 Worklist Smp#: 6  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD20  
 Misc. Info.: 460-0151655-006  
 Operator ID: Instrument ID: CVOAMS8  
 Sublist: chrom-8260\_W8\*sub61  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 14-Oct-2022 16:02:27 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1652

First Level Reviewer: HVW2

Date: 13-Oct-2022 01:31:11

| Compound                                 | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 2 Chlorotrifluoroethene                  | 118 | 1.151     | 1.151         | 0.000         | 97  | 5340     | NC           | NC             |       |
| 4 Dichlorodifluoromethane                | 85  | 1.175     | 1.175         | 0.000         | 99  | 64772    | 20.0         | 19.1           |       |
| 5 Chlorodifluoromethane                  | 67  | 1.193     | 1.193         | 0.000         | 98  | 12004    | NC           | NC             |       |
| 6 Chloromethane                          | 50  | 1.303     | 1.303         | 0.000         | 100 | 93533    | 20.0         | 19.1           |       |
| 7 Vinyl chloride                         | 62  | 1.364     | 1.364         | 0.000         | 99  | 63880    | 20.0         | 19.7           |       |
| 8 Butadiene                              | 54  | 1.376     | 1.376         | 0.000         | 94  | 60887    | 20.0         | 19.5           |       |
| 9 Bromomethane                           | 94  | 1.577     | 1.577         | 0.000         | 99  | 22670    | 20.0         | 19.0           |       |
| 10 Chloroethane                          | 64  | 1.631     | 1.631         | 0.000         | 98  | 33037    | 20.0         | 20.6           |       |
| 12 Dichlorofluoromethane                 | 67  | 1.753     | 1.753         | 0.000         | 99  | 96497    | NC           | NC             |       |
| 11 Trichlorofluoromethane                | 101 | 1.759     | 1.759         | 0.000         | 98  | 67708    | 20.0         | 19.6           |       |
| 13 Pentane                               | 43  | 1.789     | 1.789         | 0.000         | 96  | 175847   | 40.0         | 43.7           |       |
| 14 Ethanol                               | 46  | 1.887     | 1.887         | 0.000         | 97  | 7465     | 800.0        | 912.0          |       |
| 15 Ethyl ether                           | 59  | 1.929     | 1.929         | 0.000         | 90  | 42021    | 20.0         | 21.0           |       |
| 16 2-Methyl-1,3-butadiene                | 53  | 1.948     | 1.948         | 0.000         | 95  | 50915    | 20.0         | 20.1           |       |
| 17 1,2-Dichloro-1,1,2-trifluoroethane    | 117 | 1.960     | 1.960         | 0.000         | 98  | 32408    | NC           | NC             |       |
| 18 1,1,1-Trifluoro-2,2-dichloroethane    | 83  | 1.996     | 1.996         | 0.000         | 98  | 64600    | NC           | NC             |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroethane | 101 | 2.057     | 2.057         | 0.000         | 93  | 41509    | 20.0         | 20.3           |       |
| 19 Acrolein                              | 56  | 2.057     | 2.057         | 0.000         | 96  | 11907    | 40.0         | 36.4           |       |
| 21 1,1-Dichloroethene                    | 96  | 2.088     | 2.088         | 0.000         | 93  | 40293    | 20.0         | 19.7           |       |
| 22 Acetone                               | 43  | 2.148     | 2.148         | 0.000         | 84  | 69593    | 100.0        | 92.0           |       |
| 23 Iodomethane                           | 142 | 2.209     | 2.209         | 0.000         | 100 | 38539    | 20.0         | 18.0           |       |
| 25 Isopropyl alcohol                     | 45  | 2.209     | 2.209         | 0.000         | 60  | 18494    | 200.0        | 195.9          |       |
| 24 Carbon disulfide                      | 76  | 2.234     | 2.234         | 0.000         | 100 | 150419   | 20.0         | 20.0           |       |
| 26 3-Chloro-1-propene                    | 76  | 2.331     | 2.331         | 0.000         | 94  | 29320    | 20.0         | 20.4           |       |
| 28 Methyl acetate                        | 43  | 2.337     | 2.337         | 0.000         | 99  | 79558    | 40.0         | 40.3           |       |
| 27 Cyclopentene                          | 67  | 2.349     | 2.349         | 0.000         | 95  | 119298   | NC           | NC             |       |
| 29 Acetonitrile                          | 41  | 2.380     | 2.380         | 0.000         | 99  | 48527    | 200.0        | 201.5          |       |
| * 30 TBA-d9 (IS)                         | 65  | 2.410     | 2.410         | 0.000         | 76  | 181731   | 1000.0       | 1000.0         |       |
| 31 Methylene Chloride                    | 84  | 2.428     | 2.428         | 0.000         | 96  | 50896    | 20.0         | 20.1           |       |
| 32 2-Methyl-2-propanol                   | 59  | 2.465     | 2.465         | 0.000         | 98  | 28129    | 200.0        | 193.1          |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 33 Methyl tert-butyl ether         | 73  | 2.556     | 2.556         | 0.000         | 97  | 126213   | 20.0         | 20.1           |       |
| 34 trans-1,2-Dichloroethene        | 96  | 2.580     | 2.580         | 0.000         | 97  | 44943    | 20.0         | 19.4           |       |
| 35 Acrylonitrile                   | 53  | 2.635     | 2.635         | 0.000         | 93  | 186525   | 200.0        | 214.6          |       |
| 36 Hexane                          | 57  | 2.702     | 2.702         | 0.000         | 93  | 60667    | 20.0         | 21.0           |       |
| 37 Isopropyl ether                 | 45  | 2.872     | 2.872         | 0.000         | 97  | 197494   | 20.0         | 20.6           |       |
| 38 1,1-Dichloroethane              | 63  | 2.909     | 2.909         | 0.000         | 99  | 104968   | 20.0         | 20.2           |       |
| 39 Vinyl acetate                   | 43  | 2.915     | 2.915         | 0.000         | 100 | 266416   | 40.0         | 43.7           |       |
| 40 2-Chloro-1,3-butadiene          | 88  | 2.945     | 2.945         | 0.000         | 95  | 40026    | NC           | NC             |       |
| 41 Tert-butyl ethyl ether          | 59  | 3.146     | 3.146         | 0.000         | 86  | 160087   | NC           | NC             |       |
| * 43 2-Butanone-d5                 | 46  | 3.323     | 3.323         | 0.000         | 97  | 285282   | 250.0        | 250.0          |       |
| 42 2,2-Dichloropropane             | 79  | 3.335     | 3.335         | 0.000         | 95  | 24706    | 20.0         | 18.5           |       |
| 44 cis-1,2-Dichloroethene          | 96  | 3.359     | 3.359         | 0.000         | 89  | 49548    | 20.0         | 19.5           |       |
| 46 2-Butanone (MEK)                | 72  | 3.377     | 3.377         | 0.000         | 94  | 21476    | 100.0        | 95.7           |       |
| 45 Ethyl acetate                   | 70  | 3.377     | 3.377         | 0.000         | 93  | 9516     | 40.0         | 40.6           | a     |
| 47 Methyl acrylate                 | 55  | 3.426     | 3.426         | 0.000         | 99  | 42683    | NC           | NC             |       |
| 48 Propionitrile                   | 54  | 3.493     | 3.493         | 0.000         | 97  | 64461    | NC           | NC             |       |
| 50 Chlorobromomethane              | 128 | 3.566     | 3.566         | 0.000         | 95  | 22138    | 20.0         | 19.6           |       |
| 49 Tetrahydrofuran                 | 72  | 3.566     | 3.566         | 0.000         | 91  | 9771     | 40.0         | 43.7           |       |
| 51 Methacrylonitrile               | 67  | 3.584     | 3.584         | 0.000         | 97  | 187156   | NC           | NC             |       |
| 52 Chloroform                      | 83  | 3.608     | 3.608         | 0.000         | 97  | 91370    | 20.0         | 20.1           |       |
| 53 Cyclohexane                     | 84  | 3.724     | 3.724         | 0.000         | 98  | 57310    | 20.0         | 20.3           |       |
| 54 1,1,1-Trichloroethane           | 97  | 3.742     | 3.742         | 0.000         | 97  | 71090    | 20.0         | 19.8           |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.754     | 3.754         | 0.000         | 94  | 101089   | 50.0         | 50.5           |       |
| 56 Carbon tetrachloride            | 117 | 3.852     | 3.852         | 0.000         | 98  | 56094    | 20.0         | 19.6           |       |
| 57 1,1-Dichloropropene             | 75  | 3.882     | 3.882         | 0.000         | 93  | 69378    | 20.0         | 20.1           |       |
| 58 Isobutyl alcohol                | 43  | 4.010     | 4.010         | 0.000         | 90  | 57964    | NC           | NC             |       |
| 59 Isooctane                       | 57  | 4.034     | 4.034         | 0.000         | 95  | 102227   | NC           | NC             |       |
| 60 Benzene                         | 78  | 4.065     | 4.065         | 0.000         | 98  | 198090   | 20.0         | 20.6           |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.083     | 4.083         | 0.000         | 0   | 137585   | 50.0         | 50.0           |       |
| 62 Isopropyl acetate               | 43  | 4.126     | 4.126         | 0.000         | 94  | 144954   | 20.0         | 20.1           |       |
| 63 Tert-amyl methyl ether          | 55  | 4.132     | 4.132         | 0.000         | 92  | 34642    | NC           | NC             |       |
| 64 1,2-Dichloroethane              | 62  | 4.156     | 4.156         | 0.000         | 97  | 77775    | 20.0         | 20.2           |       |
| 65 n-Heptane                       | 57  | 4.211     | 4.211         | 0.000         | 97  | 22700    | 20.0         | 19.8           |       |
| * 66 Fluorobenzene                 | 96  | 4.345     | 4.345         | 0.000         | 97  | 460431   | 50.0         | 50.0           |       |
| 67 n-Butanol                       | 56  | 4.667     | 4.667         | 0.000         | 96  | 17245    | 500.0        | 501.7          |       |
| 68 Trichloroethene                 | 95  | 4.691     | 4.691         | 0.000         | 92  | 48315    | 20.0         | 18.9           |       |
| 69 Methylcyclohexane               | 83  | 4.813     | 4.813         | 0.000         | 86  | 59856    | 20.0         | 20.6           |       |
| 70 Ethyl acrylate                  | 55  | 4.819     | 4.819         | 0.000         | 97  | 122785   | 20.0         | 19.9           |       |
| 71 1,2-Dichloropropane             | 63  | 4.983     | 4.983         | 0.000         | 89  | 60458    | 20.0         | 19.8           |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.056     | 5.056         | 0.000         | 0   | 23858    | 1000.0       | 1000.0         |       |
| 73 Methyl methacrylate             | 100 | 5.075     | 5.075         | 0.000         | 94  | 18376    | 40.0         | 39.8           |       |
| 74 Dibromomethane                  | 93  | 5.117     | 5.117         | 0.000         | 92  | 32438    | 20.0         | 19.3           |       |
| 75 1,4-Dioxane                     | 88  | 5.123     | 5.123         | 0.000         | 33  | 5130     | 400.0        | 395.7          | M     |
| 76 n-Propyl acetate                | 43  | 5.135     | 5.135         | 0.000         | 99  | 76992    | 20.0         | 20.0           |       |
| 77 Dichlorobromomethane            | 83  | 5.275     | 5.275         | 0.000         | 98  | 66063    | 20.0         | 19.3           |       |
| 78 2-Nitropropane                  | 41  | 5.634     | 5.634         | 0.000         | 81  | 24668    | NC           | NC             |       |
| 79 2-Chloroethyl vinyl ether       | 63  | 5.640     | 5.640         | 0.000         | 79  | 32686    | 20.0         | 19.3           |       |
| 80 Epichlorohydrin                 | 57  | 5.750     | 5.750         | 0.000         | 99  | 88675    | 400.0        | 386.9          |       |
| 81 cis-1,3-Dichloropropene         | 75  | 5.805     | 5.805         | 0.000         | 100 | 92114    | 20.0         | 20.4           |       |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 5.993     | 5.993         | 0.000         | 97  | 280021   | 100.0        | 103.5          |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.060     | 6.060         | 0.000         | 97  | 384192   | 50.0         | 52.2           |       |
| 84 Toluene                         | 91  | 6.145     | 6.145         | 0.000         | 92  | 204579   | 20.0         | 20.4           |       |

| Compound                         | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|----------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 85 trans-1,3-Dichloropropene     | 75  | 6.541     | 6.541         | 0.000         | 97  | 80082    | 20.0         | 19.9           |       |
| 86 Ethyl methacrylate            | 69  | 6.589     | 6.589         | 0.000         | 97  | 61917    | NC           | NC             |       |
| 87 1,1,2-Trichloroethane         | 83  | 6.778     | 6.778         | 0.000         | 93  | 43294    | 20.0         | 20.5           |       |
| 88 Tetrachloroethene             | 166 | 6.808     | 6.808         | 0.000         | 94  | 43218    | 20.0         | 20.7           |       |
| 89 1,3-Dichloropropane           | 76  | 7.009     | 7.009         | 0.000         | 97  | 81788    | 20.0         | 20.9           |       |
| 90 2-Hexanone                    | 58  | 7.100     | 7.100         | 0.000         | 98  | 87403    | 100.0        | 98.9           |       |
| 91 n-Butyl acetate               | 43  | 7.246     | 7.246         | 0.000         | 96  | 92982    | 20.0         | 20.1           |       |
| 92 Chlorodibromomethane          | 129 | 7.259     | 7.259         | 0.000         | 97  | 43742    | 20.0         | 19.6           |       |
| 93 Ethylene Dibromide            | 107 | 7.423     | 7.423         | 0.000         | 96  | 47055    | 20.0         | 20.6           |       |
| * 94 Chlorobenzene-d5            | 117 | 8.013     | 8.013         | 0.000         | 92  | 344187   | 50.0         | 50.0           |       |
| 95 Chlorobenzene                 | 112 | 8.049     | 8.049         | 0.000         | 90  | 122710   | 20.0         | 20.3           |       |
| 96 Ethylbenzene                  | 106 | 8.153     | 8.153         | 0.000         | 99  | 63813    | 20.0         | 20.1           |       |
| 97 1,1,1,2-Tetrachloroethane     | 131 | 8.165     | 8.165         | 0.000         | 93  | 40080    | 20.0         | 19.5           |       |
| 98 m-Xylene & p-Xylene           | 106 | 8.305     | 8.305         | 0.000         | 0   | 80463    | 20.0         | 20.4           |       |
| 99 o-Xylene                      | 106 | 8.755     | 8.755         | 0.000         | 92  | 82024    | 20.0         | 20.7           |       |
| 100 n-Butyl acrylate             | 73  | 8.773     | 8.773         | 0.000         | 95  | 40541    | 20.0         | 20.2           |       |
| 101 Styrene                      | 104 | 8.792     | 8.792         | 0.000         | 90  | 139738   | 20.0         | 20.6           |       |
| 103 Bromoform                    | 173 | 9.004     | 9.004         | 0.000         | 93  | 26732    | 20.0         | 19.1           |       |
| 102 Amyl acetate (mixed isomers) | 43  | 9.017     | 9.017         | 0.000         | 85  | 116915   | 20.0         | 21.4           |       |
| 104 Isopropylbenzene             | 105 | 9.138     | 9.138         | 0.000         | 97  | 197001   | 20.0         | 20.4           |       |
| \$ 105 4-Bromofluorobenzene      | 174 | 9.333     | 9.333         | 0.000         | 84  | 126311   | 50.0         | 51.7           |       |
| 106 Bromobenzene                 | 156 | 9.461     | 9.461         | 0.000         | 93  | 53347    | 20.0         | 20.0           |       |
| 107 1,1,2,2-Tetrachloroethane    | 83  | 9.528     | 9.528         | 0.000         | 99  | 65677    | 20.0         | 20.9           |       |
| 108 N-Propylbenzene              | 91  | 9.546     | 9.546         | 0.000         | 98  | 259677   | 20.0         | 20.8           |       |
| 109 1,2,3-Trichloropropane       | 110 | 9.564     | 9.564         | 0.000         | 96  | 13508    | 20.0         | 19.5           |       |
| 110 trans-1,4-Dichloro-2-butene  | 53  | 9.595     | 9.595         | 0.000         | 85  | 19477    | NC           | NC             |       |
| 111 2-Chlorotoluene              | 91  | 9.637     | 9.637         | 0.000         | 97  | 184924   | 20.0         | 20.8           |       |
| 112 4-Ethyltoluene               | 105 | 9.655     | 9.655         | 0.000         | 97  | 205033   | NC           | NC             |       |
| 113 1,3,5-Trimethylbenzene       | 105 | 9.722     | 9.722         | 0.000         | 91  | 169505   | 20.0         | 20.4           |       |
| 114 4-Chlorotoluene              | 91  | 9.753     | 9.753         | 0.000         | 99  | 175178   | 20.0         | 20.4           |       |
| 115 Butyl Methacrylate           | 87  | 9.838     | 9.838         | 0.000         | 97  | 66185    | 20.0         | 20.5           |       |
| 116 tert-Butylbenzene            | 119 | 10.002    | 10.002        | 0.000         | 88  | 130184   | 20.0         | 20.7           |       |
| 117 1,2,4-Trimethylbenzene       | 105 | 10.063    | 10.063        | 0.000         | 99  | 180961   | 20.0         | 20.6           |       |
| 118 sec-Butylbenzene             | 105 | 10.197    | 10.197        | 0.000         | 98  | 195651   | 20.0         | 20.7           |       |
| 120 1,3-Dichlorobenzene          | 146 | 10.319    | 10.319        | 0.000         | 93  | 97090    | 20.0         | 20.3           |       |
| 119 4-Isopropyltoluene           | 119 | 10.325    | 10.325        | 0.000         | 96  | 161116   | 20.0         | 20.5           |       |
| * 121 1,4-Dichlorobenzene-d4     | 152 | 10.385    | 10.385        | 0.000         | 98  | 189292   | 50.0         | 50.0           |       |
| 122 1,4-Dichlorobenzene          | 146 | 10.404    | 10.404        | 0.000         | 95  | 101985   | 20.0         | 20.4           |       |
| 123 1,2,3-Trimethylbenzene       | 105 | 10.428    | 10.428        | 0.000         | 100 | 191974   | 20.0         | 20.6           |       |
| 124 Benzyl chloride              | 91  | 10.531    | 10.531        | 0.000         | 97  | 98468    | 20.0         | 19.4           |       |
| 125 2,3-Dihydroindene            | 117 | 10.586    | 10.586        | 0.000         | 94  | 182720   | NC           | NC             |       |
| 126 p-Diethylbenzene             | 119 | 10.647    | 10.647        | 0.000         | 90  | 85846    | NC           | NC             |       |
| 127 n-Butylbenzene               | 92  | 10.671    | 10.671        | 0.000         | 97  | 89665    | 20.0         | 20.3           |       |
| 128 1,2-Dichlorobenzene          | 146 | 10.714    | 10.714        | 0.000         | 93  | 96116    | 20.0         | 20.2           |       |
| 129 1,2,4,5-Tetramethylbenzene   | 119 | 11.274    | 11.274        | 0.000         | 96  | 167741   | NC           | NC             |       |
| 130 1,2-Dibromo-3-Chloropropane  | 157 | 11.353    | 11.353        | 0.000         | 87  | 9639     | 20.0         | 19.4           |       |
| 131 1,3,5-Trichlorobenzene       | 180 | 11.462    | 11.462        | 0.000         | 95  | 65597    | NC           | NC             |       |
| 132 1,2,4-Trichlorobenzene       | 180 | 11.937    | 11.937        | 0.000         | 93  | 61096    | 20.0         | 19.8           |       |
| 133 Hexachlorobutadiene          | 225 | 12.022    | 12.022        | 0.000         | 93  | 21498    | 20.0         | 20.2           |       |
| 134 Naphthalene                  | 128 | 12.125    | 12.125        | 0.000         | 98  | 160166   | 20.0         | 20.1           |       |
| 135 1,2,3-Trichlorobenzene       | 180 | 12.296    | 12.296        | 0.000         | 95  | 56533    | 20.0         | 19.9           |       |
| S 136 1,2-Dichloroethene, Total  | 100 |           |               |               | 0   |          | 40.0         | 38.9           |       |

| Compound             | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|----------------------|-----|--------------|------------------|------------------|---|----------|-----------------|-------------------|-------|
| S 137 Xylenes, Total | 100 |              |                  |                  | 0 |          | 40.0            | 41.1              |       |
| S 138 Total BTEX     | 1   |              |                  |                  | 0 |          | 100.0           | 102.3             |       |

### QC Flag Legend

#### Processing Flags

NC - Not Calibrated

#### Review Flags

M - Manually Integrated

a - User Assigned ID

### Reagents:

|                    |                     |           |             |
|--------------------|---------------------|-----------|-------------|
| 8260MIX1COMB_00160 | Amount Added: 20.00 | Units: uL |             |
| 524freon_00058     | Amount Added: 20.00 | Units: uL |             |
| ACROLEIN W_00145   | Amount Added: 4.00  | Units: uL |             |
| GASES Li_00497     | Amount Added: 20.00 | Units: uL |             |
| 8260ISNEW_00171    | Amount Added: 1.00  | Units: uL | Run Reagent |
| 8260SURR250_00232  | Amount Added: 1.00  | Units: uL | Run Reagent |



Operator ID:

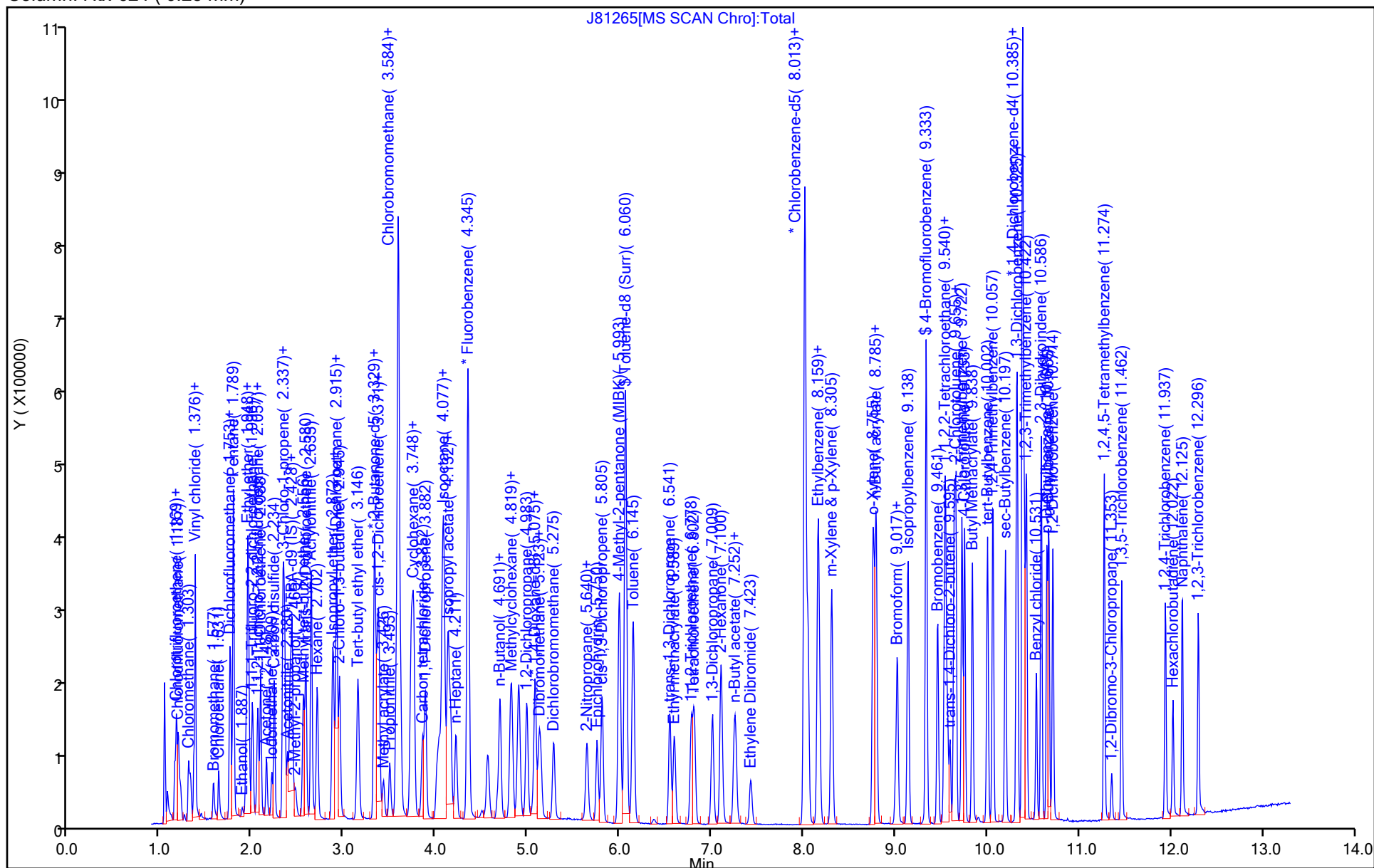
Worklist Smp#: 6

Client ID:

ALS Bottle#: 6

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)





## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81265.D

Injection Date: 13-Oct-2022 00:46:30

Instrument ID: CVOAMS8

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector

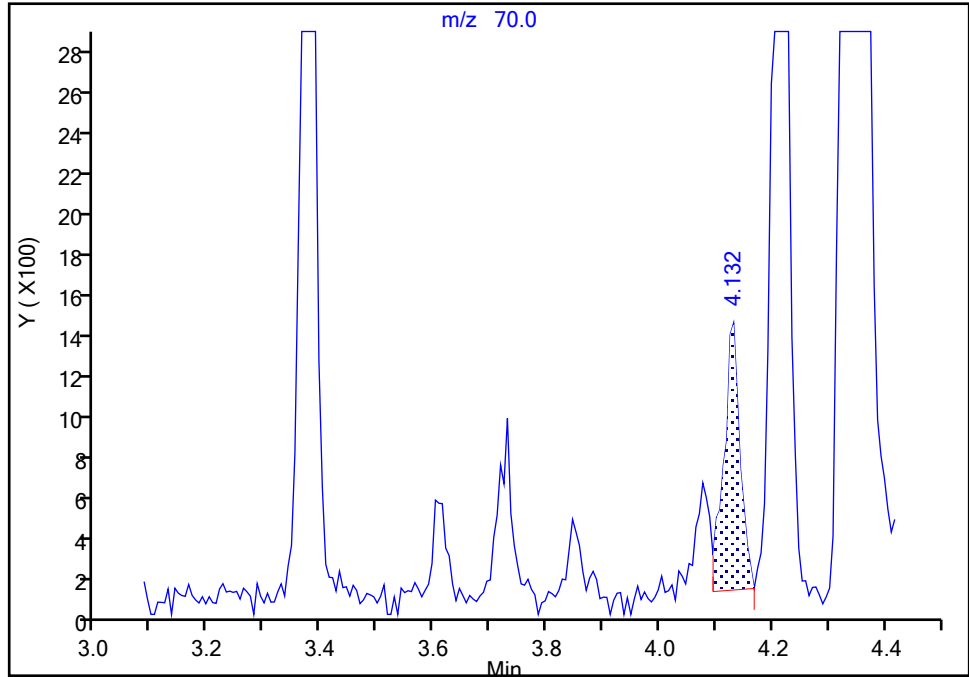
MS SCAN

**45 Ethyl acetate, CAS: 141-78-6**

Signal: 1

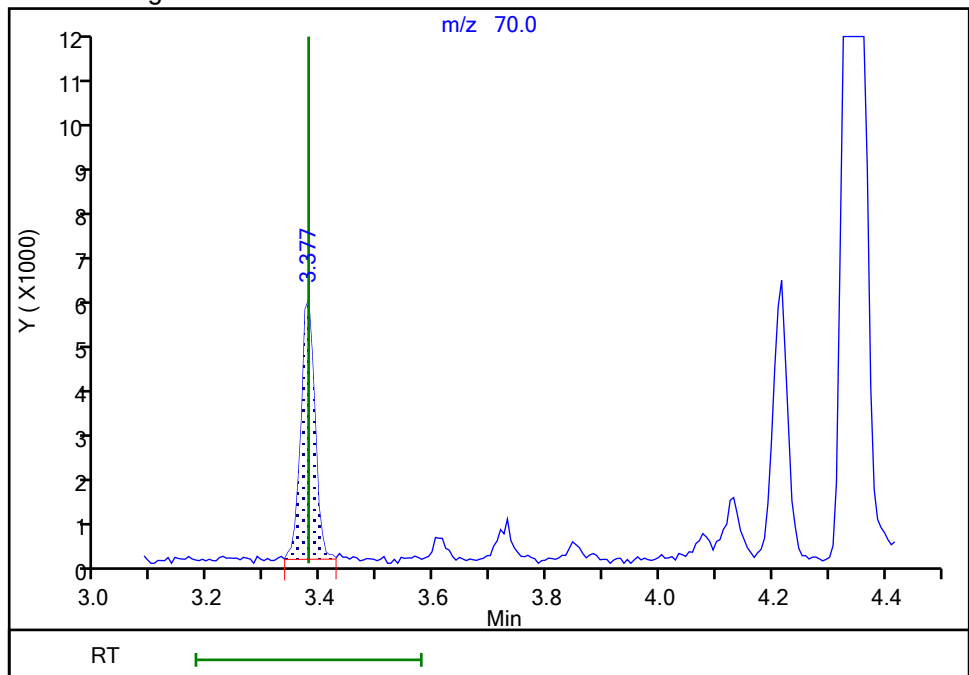
RT: 4.13  
Area: 2563  
Amount: 41.759029  
Amount Units: ug/l

## Processing Integration Results



RT: 3.38  
Area: 9516  
Amount: 40.635293  
Amount Units: ug/l

## Manual Integration Results



Reviewer: HVW2, 13-Oct-2022 01:32:41

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81265.D

Injection Date: 13-Oct-2022 00:46:30

Instrument ID: CVOAMS8

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

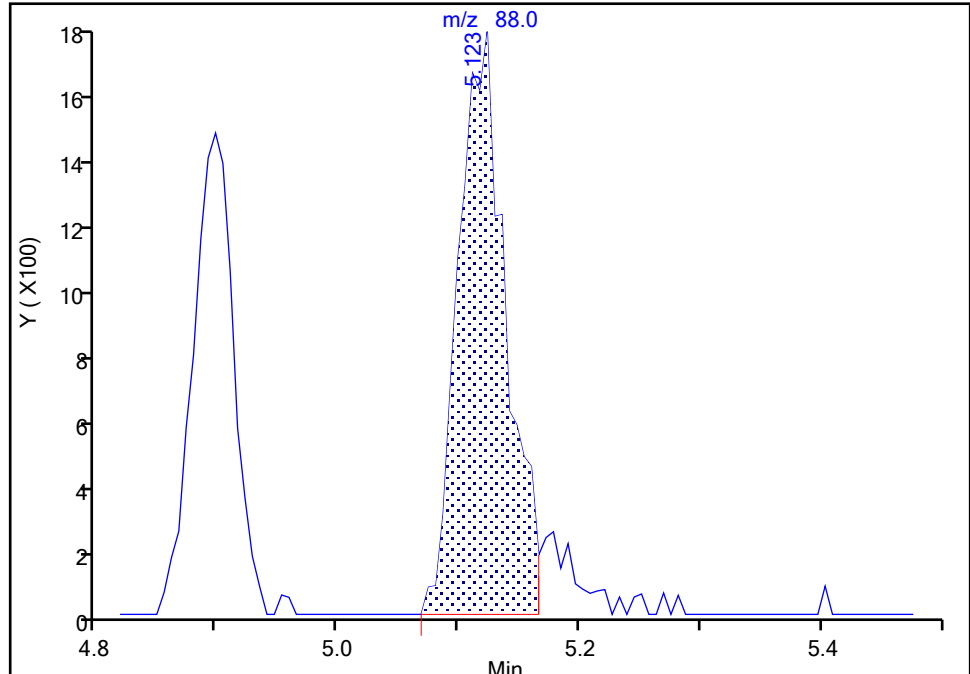
Detector: MS SCAN

## 75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

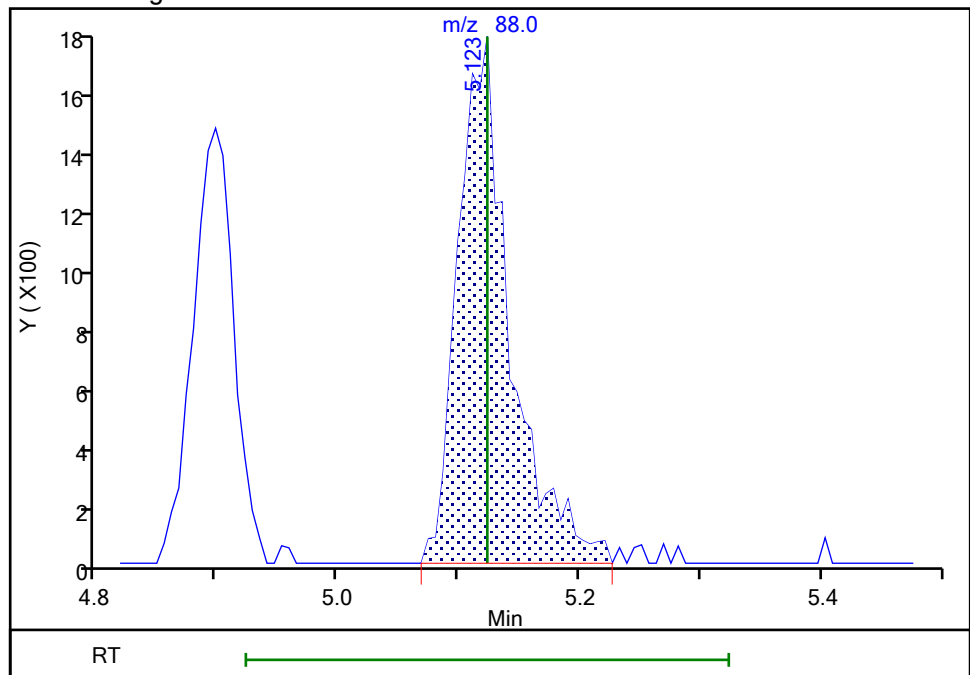
RT: 5.12  
Area: 4699  
Amount: 398.9692  
Amount Units: ug/l

## Processing Integration Results



RT: 5.12  
Area: 5130  
Amount: 395.6711  
Amount Units: ug/l

## Manual Integration Results



Reviewer: W9CM, 14-Oct-2022 15:51:00

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81266.D  
 Lims ID: STD50  
 Client ID:  
 Sample Type: IC Calib Level: 4  
 Inject. Date: 13-Oct-2022 01:11:30 ALS Bottle#: 7 Worklist Smp#: 7  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD50  
 Misc. Info.: 460-0151655-007  
 Operator ID: Instrument ID: CVOAMS8  
 Sublist: chrom-8260\_W8\*sub61  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 14-Oct-2022 16:02:36 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1652

First Level Reviewer: HVW2

Date: 13-Oct-2022 01:32:20

| Compound                                 | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q   | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|------------------------------------------|-----|--------------|------------------|------------------|-----|----------|-----------------|-------------------|-------|
| 2 Chlorotrifluoroethene                  | 118 | 1.148        | 1.151            | -0.003           | 95  | 13828    | NC              | NC                |       |
| 4 Dichlorodifluoromethane                | 85  | 1.172        | 1.175            | -0.003           | 100 | 164101   | 50.0            | 47.7              |       |
| 5 Chlorodifluoromethane                  | 67  | 1.191        | 1.193            | -0.002           | 99  | 30064    | NC              | NC                |       |
| 6 Chloromethane                          | 50  | 1.300        | 1.303            | -0.003           | 100 | 234711   | 50.0            | 47.2              |       |
| 7 Vinyl chloride                         | 62  | 1.361        | 1.364            | -0.003           | 99  | 159015   | 50.0            | 48.1              |       |
| 8 Butadiene                              | 54  | 1.379        | 1.376            | 0.003            | 95  | 148773   | 50.0            | 46.9              |       |
| 9 Bromomethane                           | 94  | 1.574        | 1.577            | -0.003           | 98  | 56748    | 50.0            | 46.6              |       |
| 10 Chloroethane                          | 64  | 1.629        | 1.631            | -0.002           | 98  | 78010    | 50.0            | 47.9              |       |
| 12 Dichlorofluoromethane                 | 67  | 1.750        | 1.753            | -0.003           | 99  | 241171   | NC              | NC                |       |
| 11 Trichlorofluoromethane                | 101 | 1.756        | 1.759            | -0.003           | 98  | 169536   | 50.0            | 48.3              |       |
| 13 Pentane                               | 43  | 1.787        | 1.789            | -0.002           | 96  | 411174   | 100.0           | 100.4             |       |
| 14 Ethanol                               | 46  | 1.890        | 1.887            | 0.003            | 96  | 18619    | 2000.0          | 2050.3            |       |
| 15 Ethyl ether                           | 59  | 1.927        | 1.929            | -0.002           | 90  | 103598   | 50.0            | 50.8              |       |
| 16 2-Methyl-1,3-butadiene                | 53  | 1.945        | 1.948            | -0.003           | 95  | 128379   | 50.0            | 49.9              |       |
| 17 1,2-Dichloro-1,1,2-trifluoroethane    | 117 | 1.957        | 1.960            | -0.003           | 99  | 79899    | NC              | NC                |       |
| 18 1,1,1-Trifluoro-2,2-dichloroethane    | 83  | 2.000        | 1.996            | 0.004            | 98  | 161687   | NC              | NC                |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroethane | 101 | 2.055        | 2.057            | -0.002           | 94  | 103015   | 50.0            | 49.6              |       |
| 19 Acrolein                              | 56  | 2.061        | 2.057            | 0.004            | 93  | 35021    | 100.0           | 96.6              |       |
| 21 1,1-Dichloroethene                    | 96  | 2.085        | 2.088            | -0.003           | 93  | 98642    | 50.0            | 47.4              |       |
| 22 Acetone                               | 43  | 2.152        | 2.148            | 0.004            | 85  | 184664   | 250.0           | 225.5             |       |
| 23 Iodomethane                           | 142 | 2.207        | 2.209            | -0.002           | 99  | 116770   | 50.0            | 53.2              |       |
| 25 Isopropyl alcohol                     | 45  | 2.207        | 2.209            | -0.002           | 99  | 58764    | 500.0           | 561.0             |       |
| 24 Carbon disulfide                      | 76  | 2.237        | 2.234            | 0.003            | 100 | 388233   | 50.0            | 50.8              |       |
| 26 3-Chloro-1-propene                    | 76  | 2.328        | 2.331            | -0.003           | 93  | 71984    | 50.0            | 49.3              |       |
| 28 Methyl acetate                        | 43  | 2.334        | 2.337            | -0.003           | 99  | 209052   | 100.0           | 104.1             |       |
| 27 Cyclopentene                          | 67  | 2.347        | 2.349            | -0.002           | 94  | 306021   | NC              | NC                |       |
| 29 Acetonitrile                          | 41  | 2.377        | 2.380            | -0.003           | 99  | 136774   | 500.0           | 511.8             |       |
| * 30 TBA-d9 (IS)                         | 65  | 2.413        | 2.410            | 0.003            | 83  | 201619   | 1000.0          | 1000.0            |       |
| 31 Methylene Chloride                    | 84  | 2.432        | 2.428            | 0.004            | 95  | 122912   | 50.0            | 47.8              |       |
| 32 2-Methyl-2-propanol                   | 59  | 2.468        | 2.465            | 0.003            | 99  | 82405    | 500.0           | 509.8             |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 33 Methyl tert-butyl ether         | 73  | 2.553     | 2.556         | -0.003        | 97  | 331676   | 50.0         | 51.9           |       |
| 34 trans-1,2-Dichloroethene        | 96  | 2.578     | 2.580         | -0.002        | 96  | 111993   | 50.0         | 47.5           |       |
| 35 Acrylonitrile                   | 53  | 2.639     | 2.635         | 0.004         | 93  | 477492   | 500.0        | 495.1          |       |
| 36 Hexane                          | 57  | 2.705     | 2.702         | 0.003         | 92  | 152063   | 50.0         | 51.8           |       |
| 37 Isopropyl ether                 | 45  | 2.876     | 2.872         | 0.004         | 97  | 510990   | 50.0         | 52.3           |       |
| 38 1,1-Dichloroethane              | 63  | 2.906     | 2.909         | -0.003        | 99  | 261202   | 50.0         | 49.3           |       |
| 39 Vinyl acetate                   | 43  | 2.918     | 2.915         | 0.003         | 100 | 637251   | 100.0        | 102.8          |       |
| 40 2-Chloro-1,3-butadiene          | 88  | 2.949     | 2.945         | 0.004         | 95  | 99953    | NC           | NC             |       |
| 41 Tert-butyl ethyl ether          | 59  | 3.144     | 3.146         | -0.002        | 86  | 414763   | NC           | NC             |       |
| * 43 2-Butanone-d5                 | 46  | 3.326     | 3.323         | 0.003         | 93  | 308867   | 250.0        | 250.0          |       |
| 42 2,2-Dichloropropane             | 79  | 3.332     | 3.335         | -0.003        | 94  | 62081    | 50.0         | 45.6           |       |
| 44 cis-1,2-Dichloroethene          | 96  | 3.356     | 3.359         | -0.003        | 90  | 123461   | 50.0         | 47.7           |       |
| 46 2-Butanone (MEK)                | 72  | 3.375     | 3.377         | -0.002        | 94  | 54251    | 250.0        | 223.4          |       |
| 45 Ethyl acetate                   | 70  | 3.375     | 3.377         | -0.002        | 94  | 24524    | 100.0        | 96.7           | a     |
| 47 Methyl acrylate                 | 55  | 3.423     | 3.426         | -0.003        | 99  | 107391   | NC           | NC             |       |
| 48 Propionitrile                   | 54  | 3.490     | 3.493         | -0.003        | 97  | 166782   | NC           | NC             |       |
| 50 Chlorobromomethane              | 128 | 3.563     | 3.566         | -0.003        | 94  | 54682    | 50.0         | 47.7           |       |
| 49 Tetrahydrofuran                 | 72  | 3.569     | 3.566         | 0.003         | 92  | 24978    | 100.0        | 103.1          |       |
| 51 Methacrylonitrile               | 67  | 3.588     | 3.584         | 0.004         | 97  | 486259   | NC           | NC             |       |
| 52 Chloroform                      | 83  | 3.612     | 3.608         | 0.004         | 97  | 225331   | 50.0         | 48.7           |       |
| 53 Cyclohexane                     | 84  | 3.728     | 3.724         | 0.004         | 98  | 141932   | 50.0         | 49.3           |       |
| 54 1,1,1-Trichloroethane           | 97  | 3.740     | 3.742         | -0.002        | 97  | 176527   | 50.0         | 48.3           |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.752     | 3.754         | -0.002        | 95  | 102265   | 50.0         | 50.2           |       |
| 56 Carbon tetrachloride            | 117 | 3.849     | 3.852         | -0.003        | 98  | 142869   | 50.0         | 49.1           |       |
| 57 1,1-Dichloropropene             | 75  | 3.880     | 3.882         | -0.002        | 92  | 173240   | 50.0         | 49.4           |       |
| 58 Isobutyl alcohol                | 43  | 4.007     | 4.010         | -0.003        | 95  | 163074   | NC           | NC             |       |
| 59 Isooctane                       | 57  | 4.032     | 4.034         | -0.002        | 95  | 262974   | NC           | NC             | a     |
| 60 Benzene                         | 78  | 4.068     | 4.065         | 0.003         | 98  | 492802   | 50.0         | 49.2           |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.086     | 4.083         | 0.003         | 0   | 140365   | 50.0         | 50.1           |       |
| 62 Isopropyl acetate               | 43  | 4.129     | 4.126         | 0.003         | 94  | 387065   | 50.0         | 52.7           |       |
| 63 Tert-amyl methyl ether          | 55  | 4.129     | 4.132         | -0.003        | 93  | 87766    | NC           | NC             |       |
| 64 1,2-Dichloroethane              | 62  | 4.159     | 4.156         | 0.003         | 97  | 189915   | 50.0         | 48.4           |       |
| 65 n-Heptane                       | 57  | 4.214     | 4.211         | 0.003         | 97  | 57755    | 50.0         | 49.4           |       |
| * 66 Fluorobenzene                 | 96  | 4.348     | 4.345         | 0.003         | 97  | 468525   | 50.0         | 50.0           |       |
| 67 n-Butanol                       | 56  | 4.664     | 4.667         | -0.003        | 97  | 55587    | 1250.0       | 1457.6         |       |
| 68 Trichloroethene                 | 95  | 4.695     | 4.691         | 0.004         | 91  | 124583   | 50.0         | 47.8           |       |
| 69 Methylcyclohexane               | 83  | 4.810     | 4.813         | -0.003        | 83  | 150147   | 50.0         | 50.8           |       |
| 70 Ethyl acrylate                  | 55  | 4.823     | 4.819         | 0.004         | 97  | 321873   | 50.0         | 51.2           |       |
| 71 1,2-Dichloropropane             | 63  | 4.987     | 4.983         | 0.004         | 89  | 149051   | 50.0         | 48.0           |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.060     | 5.056         | 0.004         | 0   | 26232    | 1000.0       | 1000.0         |       |
| 73 Methyl methacrylate             | 100 | 5.078     | 5.075         | 0.003         | 94  | 47148    | 100.0        | 100.4          |       |
| 74 Dibromomethane                  | 93  | 5.115     | 5.117         | -0.002        | 89  | 81852    | 50.0         | 47.8           |       |
| 75 1,4-Dioxane                     | 88  | 5.115     | 5.123         | -0.008        | 40  | 16143    | 1000.0       | 1132.4         |       |
| 76 n-Propyl acetate                | 43  | 5.133     | 5.135         | -0.002        | 98  | 204392   | 50.0         | 52.2           |       |
| 77 Dichlorobromomethane            | 83  | 5.279     | 5.275         | 0.004         | 98  | 167544   | 50.0         | 48.2           |       |
| 78 2-Nitropropane                  | 41  | 5.632     | 5.634         | -0.002        | 98  | 69740    | NC           | NC             |       |
| 79 2-Chloroethyl vinyl ether       | 63  | 5.644     | 5.640         | 0.004         | 95  | 89247    | 50.1         | 51.8           |       |
| 80 Epichlorohydrin                 | 57  | 5.753     | 5.750         | 0.003         | 99  | 239367   | 1000.0       | 964.6          |       |
| 81 cis-1,3-Dichloropropene         | 75  | 5.802     | 5.805         | -0.003        | 99  | 234776   | 50.0         | 49.8           |       |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 5.991     | 5.993         | -0.002        | 98  | 719589   | 250.0        | 245.7          |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.064     | 6.060         | 0.004         | 98  | 393919   | 50.0         | 51.3           |       |
| 84 Toluene                         | 91  | 6.143     | 6.145         | -0.002        | 92  | 507992   | 50.0         | 48.6           |       |

| Compound                         | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|----------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 85 trans-1,3-Dichloropropene     | 75  | 6.544     | 6.541         | 0.003         | 97 | 210875   | 50.0         | 50.2           |       |
| 86 Ethyl methacrylate            | 69  | 6.593     | 6.589         | 0.004         | 96 | 160046   | NC           | NC             |       |
| 87 1,1,2-Trichloroethane         | 83  | 6.775     | 6.778         | -0.003        | 94 | 108946   | 50.0         | 49.3           |       |
| 88 Tetrachloroethene             | 166 | 6.806     | 6.808         | -0.002        | 93 | 106239   | 50.0         | 48.6           |       |
| 89 1,3-Dichloropropane           | 76  | 7.007     | 7.009         | -0.003        | 97 | 201831   | 50.0         | 49.4           |       |
| 90 2-Hexanone                    | 58  | 7.098     | 7.100         | -0.002        | 98 | 234708   | 250.0        | 245.3          |       |
| 91 n-Butyl acetate               | 43  | 7.244     | 7.246         | -0.002        | 95 | 245488   | 50.0         | 50.8           |       |
| 92 Chlorodibromomethane          | 129 | 7.262     | 7.259         | 0.003         | 97 | 117568   | 50.0         | 50.4           |       |
| 93 Ethylene Dibromide            | 107 | 7.420     | 7.423         | -0.003        | 98 | 117885   | 50.0         | 49.5           |       |
| * 94 Chlorobenzene-d5            | 117 | 8.010     | 8.013         | -0.003        | 92 | 359266   | 50.0         | 50.0           |       |
| 95 Chlorobenzene                 | 112 | 8.047     | 8.049         | -0.002        | 89 | 308874   | 50.0         | 48.9           |       |
| 96 Ethylbenzene                  | 106 | 8.156     | 8.153         | 0.003         | 99 | 163350   | 50.0         | 49.4           |       |
| 97 1,1,1,2-Tetrachloroethane     | 131 | 8.175     | 8.165         | 0.010         | 93 | 108277   | 50.0         | 50.3           |       |
| 98 m-Xylene & p-Xylene           | 106 | 8.308     | 8.305         | 0.003         | 0  | 202215   | 50.0         | 49.1           |       |
| 99 o-Xylene                      | 106 | 8.759     | 8.755         | 0.004         | 92 | 201515   | 50.0         | 48.7           |       |
| 100 n-Butyl acrylate             | 73  | 8.777     | 8.773         | 0.004         | 95 | 104902   | 50.0         | 50.2           |       |
| 101 Styrene                      | 104 | 8.789     | 8.792         | -0.003        | 90 | 350671   | 50.0         | 49.4           |       |
| 103 Bromoform                    | 173 | 9.002     | 9.004         | -0.002        | 93 | 73334    | 50.0         | 50.3           |       |
| 102 Amyl acetate (mixed isomers) | 43  | 9.020     | 9.017         | 0.003         | 85 | 291831   | 50.0         | 51.6           |       |
| 104 Isopropylbenzene             | 105 | 9.136     | 9.138         | -0.002        | 98 | 487486   | 50.0         | 48.4           |       |
| \$ 105 4-Bromofluorobenzene      | 174 | 9.336     | 9.333         | 0.003         | 86 | 128266   | 50.0         | 50.3           |       |
| 106 Bromobenzene                 | 156 | 9.458     | 9.461         | -0.003        | 93 | 132774   | 50.0         | 48.2           |       |
| 107 1,1,2,2-Tetrachloroethane    | 83  | 9.531     | 9.528         | 0.003         | 99 | 163403   | 50.0         | 50.3           |       |
| 108 N-Propylbenzene              | 91  | 9.543     | 9.546         | -0.003        | 98 | 650039   | 50.0         | 50.4           |       |
| 109 1,2,3-Trichloropropane       | 110 | 9.568     | 9.564         | 0.004         | 97 | 34837    | 50.0         | 48.6           |       |
| 110 trans-1,4-Dichloro-2-butene  | 53  | 9.592     | 9.595         | -0.003        | 87 | 51284    | NC           | NC             |       |
| 111 2-Chlorotoluene              | 91  | 9.641     | 9.637         | 0.004         | 97 | 454681   | 50.0         | 49.3           |       |
| 112 4-Ethyltoluene               | 105 | 9.659     | 9.655         | 0.004         | 98 | 514428   | NC           | NC             |       |
| 113 1,3,5-Trimethylbenzene       | 105 | 9.726     | 9.722         | 0.004         | 91 | 420309   | 50.0         | 48.9           |       |
| 114 4-Chlorotoluene              | 91  | 9.750     | 9.753         | -0.003        | 99 | 439529   | 50.0         | 49.4           |       |
| 115 Butyl Methacrylate           | 87  | 9.835     | 9.838         | -0.003        | 97 | 168959   | 50.0         | 50.5           |       |
| 116 tert-Butylbenzene            | 119 | 10.000    | 10.002        | -0.002        | 89 | 322907   | 50.0         | 49.6           |       |
| 117 1,2,4-Trimethylbenzene       | 105 | 10.060    | 10.063        | -0.003        | 99 | 456709   | 50.0         | 50.2           |       |
| 118 sec-Butylbenzene             | 105 | 10.194    | 10.197        | -0.003        | 98 | 491806   | 50.0         | 50.2           |       |
| 120 1,3-Dichlorobenzene          | 146 | 10.316    | 10.319        | -0.003        | 95 | 245368   | 50.0         | 49.6           |       |
| 119 4-Isopropyltoluene           | 119 | 10.328    | 10.325        | 0.003         | 97 | 411794   | 50.0         | 50.6           |       |
| * 121 1,4-Dichlorobenzene-d4     | 152 | 10.383    | 10.385        | -0.002        | 98 | 195797   | 50.0         | 50.0           |       |
| 122 1,4-Dichlorobenzene          | 146 | 10.401    | 10.404        | -0.003        | 92 | 254577   | 50.0         | 49.2           |       |
| 123 1,2,3-Trimethylbenzene       | 105 | 10.425    | 10.428        | -0.003        | 99 | 482150   | 50.0         | 50.0           |       |
| 124 Benzyl chloride              | 91  | 10.535    | 10.531        | 0.004         | 97 | 274141   | 50.0         | 52.3           |       |
| 125 2,3-Dihydroindene            | 117 | 10.590    | 10.586        | 0.004         | 94 | 453226   | NC           | NC             |       |
| 126 p-Diethylbenzene             | 119 | 10.651    | 10.647        | 0.003         | 90 | 214447   | NC           | NC             |       |
| 127 n-Butylbenzene               | 92  | 10.669    | 10.671        | -0.002        | 97 | 226774   | 50.0         | 49.7           |       |
| 128 1,2-Dichlorobenzene          | 146 | 10.711    | 10.714        | -0.003        | 93 | 240378   | 50.0         | 48.9           |       |
| 129 1,2,4,5-Tetramethylbenzene   | 119 | 11.271    | 11.274        | -0.003        | 96 | 423662   | NC           | NC             |       |
| 130 1,2-Dibromo-3-Chloropropane  | 157 | 11.356    | 11.353        | 0.003         | 91 | 25589    | 50.0         | 49.9           |       |
| 131 1,3,5-Trichlorobenzene       | 180 | 11.466    | 11.462        | 0.004         | 96 | 166152   | NC           | NC             |       |
| 132 1,2,4-Trichlorobenzene       | 180 | 11.940    | 11.937        | 0.003         | 93 | 157773   | 50.0         | 49.4           |       |
| 133 Hexachlorobutadiene          | 225 | 12.019    | 12.022        | -0.003        | 93 | 52806    | 50.0         | 48.0           |       |
| 134 Naphthalene                  | 128 | 12.123    | 12.125        | -0.002        | 98 | 415085   | 50.0         | 50.4           |       |
| 135 1,2,3-Trichlorobenzene       | 180 | 12.299    | 12.296        | 0.003         | 95 | 144726   | 50.0         | 49.3           |       |
| S 136 1,2-Dichloroethene, Total  | 100 |           |               |               | 0  |          | 100.0        | 95.2           |       |

| Compound             | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|----------------------|-----|--------------|------------------|------------------|---|----------|-----------------|-------------------|-------|
| S 137 Xylenes, Total | 100 |              |                  |                  | 0 |          | 100.0           | 97.8              |       |
| S 138 Total BTEX     | 1   |              |                  |                  | 0 |          | 250.0           | 245.0             |       |

### QC Flag Legend

#### Processing Flags

NC - Not Calibrated

#### Review Flags

a - User Assigned ID

### Reagents:

|                    |                     |           |             |
|--------------------|---------------------|-----------|-------------|
| 8260MIX1COMB_00160 | Amount Added: 50.00 | Units: uL |             |
| 524freon_00058     | Amount Added: 50.00 | Units: uL |             |
| ACROLEIN W_00145   | Amount Added: 10.00 | Units: uL |             |
| GASES Li_00497     | Amount Added: 50.00 | Units: uL |             |
| 8260ISNEW_00171    | Amount Added: 1.00  | Units: uL | Run Reagent |
| 8260SURR250_00232  | Amount Added: 1.00  | Units: uL | Run Reagent |

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81266.D

Injection Date: 13-Oct-2022 01:11:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD50

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

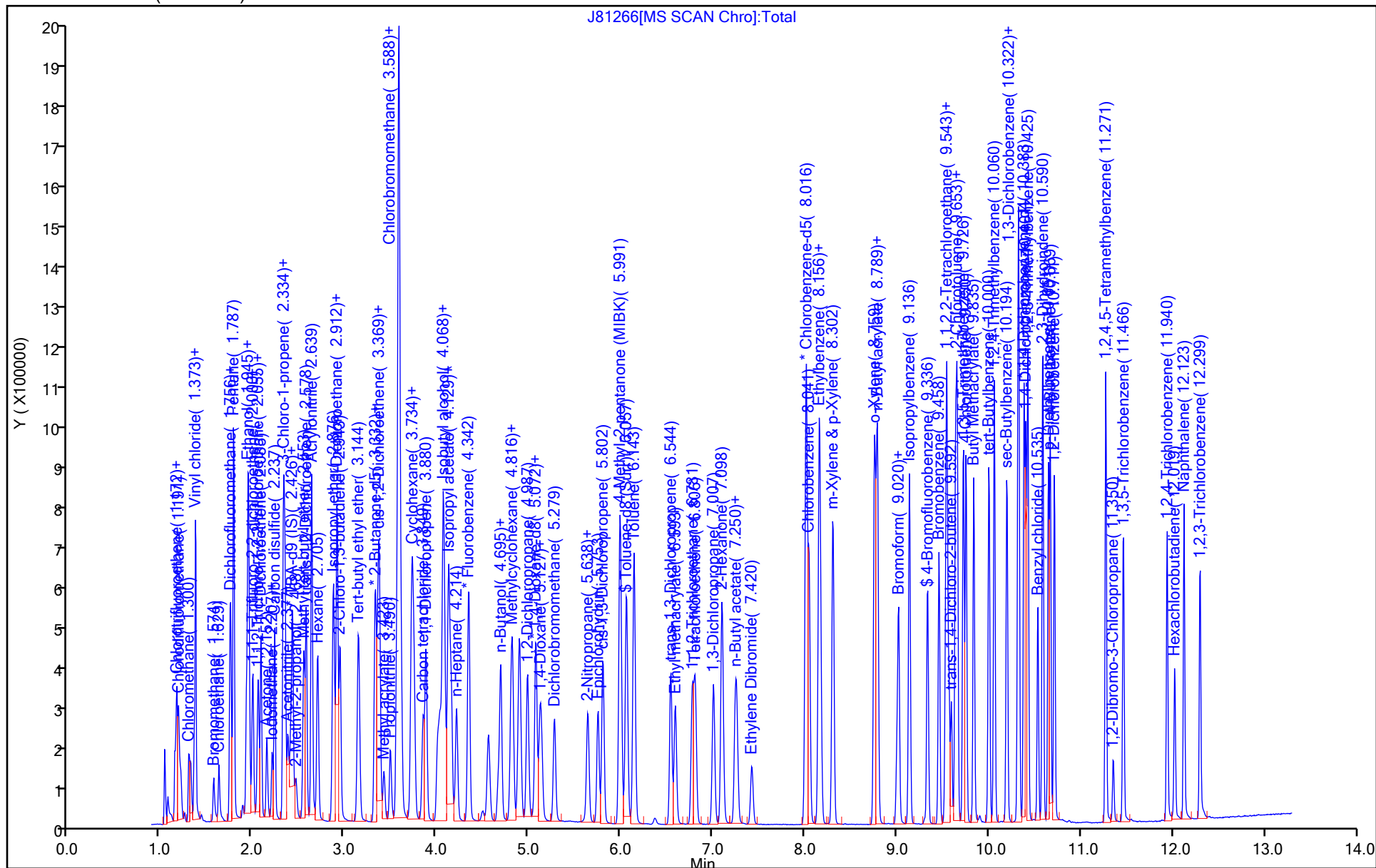
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81266.D

Injection Date: 13-Oct-2022 01:11:30

Instrument ID: CVOAMS8

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)

Detector

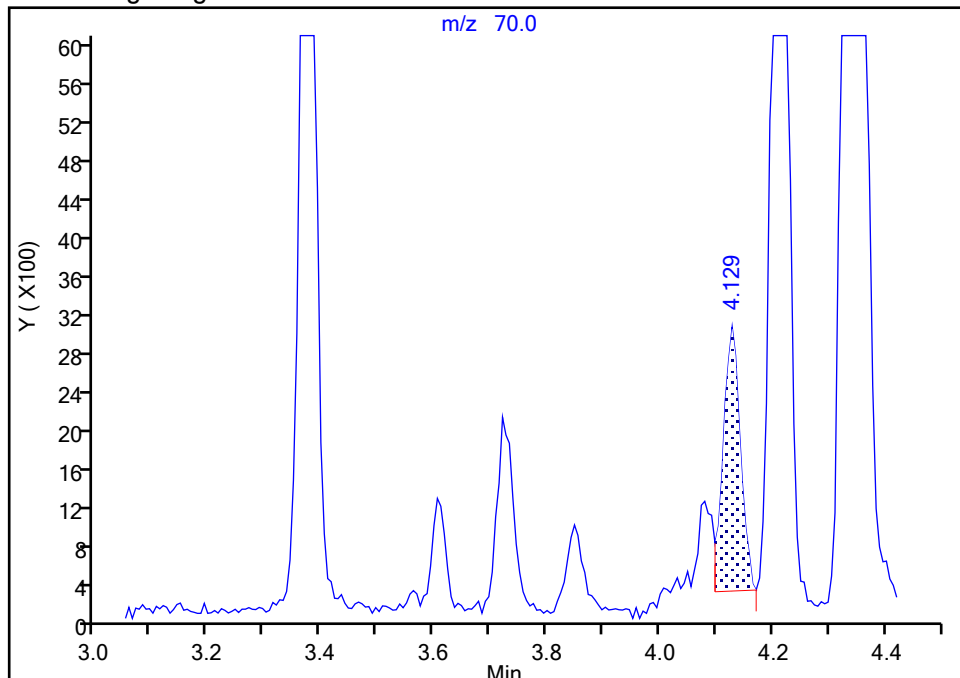
MS SCAN

## 45 Ethyl acetate, CAS: 141-78-6

Signal: 1

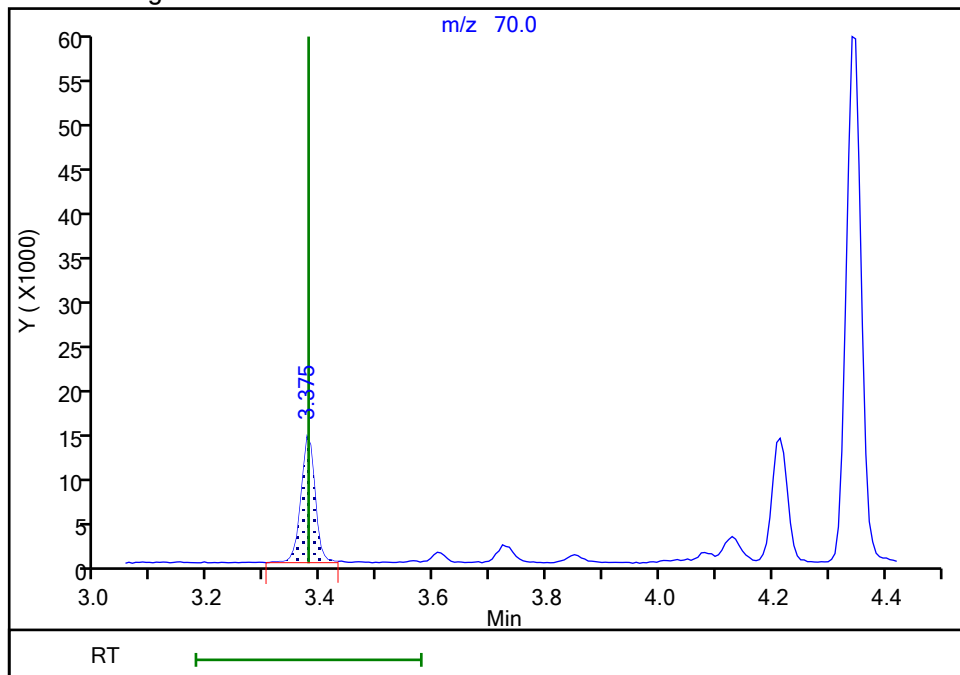
RT: 4.13  
Area: 5774  
Amount: 59.775367  
Amount Units: ug/l

## Processing Integration Results



RT: 3.37  
Area: 24524  
Amount: 96.725978  
Amount Units: ug/l

## Manual Integration Results



Reviewer: HVW2, 13-Oct-2022 01:32:03

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected



Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81267.D  
 Lims ID: STD200  
 Client ID:  
 Sample Type: IC Calib Level: 5  
 Inject. Date: 13-Oct-2022 01:36:30 ALS Bottle#: 8 Worklist Smp#: 8  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD200  
 Misc. Info.: 460-0151655-008  
 Operator ID: Instrument ID: CVOAMS8  
 Sublist: chrom-8260\_W8\*sub61  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 14-Oct-2022 16:02:46 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1652

First Level Reviewer: HVW2

Date: 13-Oct-2022 02:08:48

| Compound                                 | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q   | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|------------------------------------------|-----|--------------|------------------|------------------|-----|----------|-----------------|-------------------|-------|
| 2 Chlorotrifluoroethene                  | 118 | 1.149        | 1.151            | -0.002           | 96  | 60043    | NC              | NC                |       |
| 4 Dichlorodifluoromethane                | 85  | 1.174        | 1.175            | -0.001           | 100 | 729408   | 200.0           | 210.5             |       |
| 5 Chlorodifluoromethane                  | 67  | 1.192        | 1.193            | -0.001           | 98  | 122540   | NC              | NC                |       |
| 6 Chloromethane                          | 50  | 1.301        | 1.303            | -0.002           | 100 | 1002289  | 200.0           | 200.3             |       |
| 7 Vinyl chloride                         | 62  | 1.362        | 1.364            | -0.002           | 99  | 648672   | 200.0           | 195.0             |       |
| 8 Butadiene                              | 54  | 1.374        | 1.376            | -0.002           | 93  | 627578   | 200.0           | 196.4             |       |
| 9 Bromomethane                           | 94  | 1.569        | 1.577            | -0.008           | 98  | 254644   | 200.0           | 207.9             |       |
| 10 Chloroethane                          | 64  | 1.630        | 1.631            | -0.001           | 98  | 305622   | 200.0           | 186.3             |       |
| 12 Dichlorofluoromethane                 | 67  | 1.752        | 1.753            | -0.001           | 98  | 939358   | NC              | NC                |       |
| 11 Trichlorofluoromethane                | 101 | 1.758        | 1.759            | -0.001           | 98  | 695233   | 200.0           | 196.7             |       |
| 13 Pentane                               | 43  | 1.788        | 1.789            | -0.001           | 95  | 1558853  | 400.0           | 378.0             |       |
| 14 Ethanol                               | 46  | 1.891        | 1.887            | 0.004            | 97  | 59052    | 8000.0          | 6411.4            |       |
| 15 Ethyl ether                           | 59  | 1.928        | 1.929            | -0.001           | 90  | 404180   | 200.0           | 197.0             |       |
| 16 2-Methyl-1,3-butadiene                | 53  | 1.946        | 1.948            | -0.002           | 99  | 486738   | 200.0           | 187.9             |       |
| 17 1,2-Dichloro-1,1,2-trifluoroethane    | 117 | 1.958        | 1.960            | -0.002           | 99  | 317095   | NC              | NC                |       |
| 18 1,1,1-Trifluoro-2,2-dichloroethane    | 83  | 1.995        | 1.996            | -0.001           | 99  | 651366   | NC              | NC                |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroethane | 101 | 2.056        | 2.057            | -0.001           | 94  | 405461   | 200.0           | 193.9             |       |
| 19 Acrolein                              | 56  | 2.062        | 2.057            | 0.005            | 94  | 72291    | 200.0           | 196.5             |       |
| 21 1,1-Dichloroethene                    | 96  | 2.086        | 2.088            | -0.002           | 93  | 383118   | 200.0           | 183.0             |       |
| 22 Acetone                               | 43  | 2.153        | 2.148            | 0.005            | 85  | 846983   | 1000.0          | 1015.4            |       |
| 23 Iodomethane                           | 142 | 2.208        | 2.209            | -0.001           | 99  | 521096   | 200.0           | 235.1             |       |
| 25 Isopropyl alcohol                     | 45  | 2.214        | 2.209            | 0.005            | 99  | 206503   | 2000.0          | 1943.6            |       |
| 24 Carbon disulfide                      | 76  | 2.238        | 2.234            | 0.004            | 100 | 1494626  | 200.0           | 194.3             |       |
| 26 3-Chloro-1-propene                    | 76  | 2.329        | 2.331            | -0.002           | 96  | 274694   | 200.0           | 187.0             |       |
| 28 Methyl acetate                        | 43  | 2.336        | 2.337            | -0.001           | 99  | 790377   | 400.0           | 391.1             |       |
| 27 Cyclopentene                          | 67  | 2.348        | 2.349            | -0.001           | 95  | 1176516  | NC              | NC                |       |
| 29 Acetonitrile                          | 41  | 2.378        | 2.380            | -0.002           | 99  | 509290   | 2000.0          | 1879.1            |       |
| * 30 TBA-d9 (IS)                         | 65  | 2.415        | 2.410            | 0.005            | 83  | 204492   | 1000.0          | 1000.0            |       |
| 31 Methylene Chloride                    | 84  | 2.433        | 2.428            | 0.005            | 97  | 485161   | 200.0           | 187.4             |       |
| 32 2-Methyl-2-propanol                   | 59  | 2.469        | 2.465            | 0.004            | 99  | 299960   | 2000.0          | 1829.6            |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 33 Methyl tert-butyl ether         | 73  | 2.555     | 2.556         | -0.001        | 96  | 1296415  | 200.0        | 201.7          |       |
| 34 trans-1,2-Dichloroethene        | 96  | 2.579     | 2.580         | -0.001        | 97  | 435927   | 200.0        | 183.8          |       |
| 35 Acrylonitrile                   | 53  | 2.640     | 2.635         | 0.005         | 93  | 1797357  | 2000.0       | 1837.4         |       |
| 36 Hexane                          | 57  | 2.701     | 2.702         | -0.001        | 93  | 591478   | 200.0        | 200.1          |       |
| 37 Isopropyl ether                 | 45  | 2.877     | 2.872         | 0.005         | 97  | 2003793  | 200.0        | 203.9          |       |
| 38 1,1-Dichloroethane              | 63  | 2.907     | 2.909         | -0.002        | 99  | 998356   | 200.0        | 187.3          |       |
| 39 Vinyl acetate                   | 43  | 2.920     | 2.915         | 0.005         | 100 | 2479096  | 400.0        | 397.3          |       |
| 40 2-Chloro-1,3-butadiene          | 88  | 2.950     | 2.945         | 0.005         | 94  | 411051   | NC           | NC             |       |
| 41 Tert-butyl ethyl ether          | 59  | 3.145     | 3.146         | -0.001        | 86  | 1620524  | NC           | NC             |       |
| * 43 2-Butanone-d5                 | 46  | 3.327     | 3.323         | 0.004         | 80  | 314688   | 250.0        | 250.0          |       |
| 42 2,2-Dichloropropane             | 79  | 3.333     | 3.335         | -0.002        | 96  | 244978   | 200.0        | 178.7          |       |
| 44 cis-1,2-Dichloroethene          | 96  | 3.358     | 3.359         | -0.001        | 90  | 489556   | 200.0        | 187.7          |       |
| 46 2-Butanone (MEK)                | 72  | 3.376     | 3.377         | -0.001        | 95  | 241063   | 1000.0       | 974.3          |       |
| 45 Ethyl acetate                   | 70  | 3.376     | 3.377         | -0.001        | 96  | 101093   | 400.0        | 391.3          |       |
| 47 Methyl acrylate                 | 55  | 3.424     | 3.426         | -0.002        | 99  | 450664   | NC           | NC             |       |
| 48 Propionitrile                   | 54  | 3.497     | 3.493         | 0.004         | 97  | 666574   | NC           | NC             |       |
| 50 Chlorobromomethane              | 128 | 3.564     | 3.566         | -0.002        | 94  | 209701   | 200.0        | 181.7          |       |
| 49 Tetrahydrofuran                 | 72  | 3.564     | 3.566         | -0.002        | 75  | 97840    | 400.0        | 396.5          |       |
| 51 Methacrylonitrile               | 67  | 3.589     | 3.584         | 0.005         | 97  | 1852361  | NC           | NC             |       |
| 52 Chloroform                      | 83  | 3.613     | 3.608         | 0.005         | 97  | 881586   | 200.0        | 189.4          |       |
| 53 Cyclohexane                     | 84  | 3.723     | 3.724         | -0.001        | 97  | 552748   | 200.0        | 190.9          |       |
| 54 1,1,1-Trichloroethane           | 97  | 3.741     | 3.742         | -0.001        | 98  | 711163   | 200.0        | 193.1          |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.753     | 3.754         | -0.001        | 95  | 104303   | 50.0         | 50.9           |       |
| 56 Carbon tetrachloride            | 117 | 3.850     | 3.852         | -0.002        | 98  | 584066   | 200.0        | 199.4          |       |
| 57 1,1-Dichloropropene             | 75  | 3.881     | 3.882         | -0.001        | 92  | 683826   | 200.0        | 193.6          |       |
| 58 Isobutyl alcohol                | 43  | 4.008     | 4.010         | -0.002        | 96  | 636249   | NC           | NC             |       |
| 59 Isooctane                       | 57  | 4.033     | 4.034         | -0.001        | 97  | 1081951  | NC           | NC             | a     |
| 60 Benzene                         | 78  | 4.069     | 4.065         | 0.004         | 98  | 1877633  | 200.0        | 186.1          |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.088     | 4.083         | 0.005         | 0   | 145667   | 50.0         | 51.7           |       |
| 62 Isopropyl acetate               | 43  | 4.124     | 4.126         | -0.002        | 97  | 1518941  | 200.0        | 205.6          |       |
| 63 Tert-amyl methyl ether          | 55  | 4.130     | 4.132         | -0.002        | 92  | 345268   | NC           | NC             |       |
| 64 1,2-Dichloroethane              | 62  | 4.161     | 4.156         | 0.005         | 97  | 750759   | 200.0        | 190.2          |       |
| 65 n-Heptane                       | 57  | 4.215     | 4.211         | 0.004         | 97  | 229923   | 200.0        | 195.5          |       |
| * 66 Fluorobenzene                 | 96  | 4.343     | 4.345         | -0.002        | 97  | 471631   | 50.0         | 50.0           |       |
| 67 n-Butanol                       | 56  | 4.665     | 4.667         | -0.002        | 97  | 196784   | 5000.0       | 5087.4         |       |
| 68 Trichloroethene                 | 95  | 4.696     | 4.691         | 0.005         | 92  | 489095   | 200.0        | 186.5          |       |
| 69 Methylcyclohexane               | 83  | 4.811     | 4.813         | -0.002        | 83  | 595387   | 200.0        | 199.9          |       |
| 70 Ethyl acrylate                  | 55  | 4.824     | 4.819         | 0.005         | 98  | 1261596  | 200.0        | 199.3          |       |
| 71 1,2-Dichloropropane             | 63  | 4.988     | 4.983         | 0.005         | 89  | 586171   | 200.0        | 187.6          |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.055     | 5.056         | -0.001        | 0   | 27648    | 1000.0       | 1000.0         |       |
| 73 Methyl methacrylate             | 100 | 5.079     | 5.075         | 0.004         | 94  | 191705   | 400.0        | 405.7          |       |
| 74 Dibromomethane                  | 93  | 5.116     | 5.117         | -0.001        | 90  | 322712   | 200.0        | 187.4          |       |
| 75 1,4-Dioxane                     | 88  | 5.110     | 5.123         | -0.013        | 41  | 55365    | 4000.0       | 3684.9         |       |
| 76 n-Propyl acetate                | 43  | 5.140     | 5.135         | 0.005         | 99  | 814239   | 200.0        | 206.5          |       |
| 77 Dichlorobromomethane            | 83  | 5.280     | 5.275         | 0.005         | 98  | 694794   | 200.0        | 198.5          |       |
| 78 2-Nitropropane                  | 41  | 5.633     | 5.634         | -0.001        | 97  | 312691   | NC           | NC             |       |
| 79 2-Chloroethyl vinyl ether       | 63  | 5.645     | 5.640         | 0.005         | 95  | 363490   | 200.5        | 209.6          |       |
| 80 Epichlorohydrin                 | 57  | 5.754     | 5.750         | 0.004         | 98  | 987405   | 4000.0       | 3905.3         |       |
| 81 cis-1,3-Dichloropropene         | 75  | 5.803     | 5.805         | -0.002        | 99  | 966856   | 200.0        | 203.4          |       |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 5.992     | 5.993         | -0.001        | 98  | 2926389  | 1000.0       | 980.6          |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.059     | 6.060         | -0.001        | 97  | 409084   | 50.0         | 52.8           |       |
| 84 Toluene                         | 91  | 6.144     | 6.145         | -0.001        | 92  | 2046949  | 200.0        | 194.2          |       |

| Compound                         | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|----------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 85 trans-1,3-Dichloropropene     | 75  | 6.545     | 6.541         | 0.004         | 98 | 887130   | 200.0        | 209.7          |       |
| 86 Ethyl methacrylate            | 69  | 6.594     | 6.589         | 0.005         | 96 | 653414   | NC           | NC             |       |
| 87 1,1,2-Trichloroethane         | 83  | 6.776     | 6.778         | -0.002        | 94 | 446967   | 200.0        | 200.7          |       |
| 88 Tetrachloroethene             | 166 | 6.813     | 6.808         | 0.005         | 94 | 433721   | 200.0        | 197.1          |       |
| 89 1,3-Dichloropropane           | 76  | 7.008     | 7.009         | -0.001        | 97 | 830225   | 200.0        | 201.7          |       |
| 90 2-Hexanone                    | 58  | 7.099     | 7.100         | -0.001        | 99 | 970278   | 1000.0       | 995.4          |       |
| 91 n-Butyl acetate               | 43  | 7.245     | 7.246         | -0.001        | 96 | 987937   | 200.0        | 202.9          |       |
| 92 Chlorodibromomethane          | 129 | 7.263     | 7.259         | 0.004         | 96 | 510623   | 200.0        | 217.3          |       |
| 93 Ethylene Dibromide            | 107 | 7.427     | 7.423         | 0.004         | 98 | 475919   | 200.0        | 198.5          |       |
| * 94 Chlorobenzene-d5            | 117 | 8.011     | 8.013         | -0.002        | 90 | 362022   | 50.0         | 50.0           |       |
| 95 Chlorobenzene                 | 112 | 8.048     | 8.049         | -0.001        | 89 | 1229142  | 200.0        | 193.0          |       |
| 96 Ethylbenzene                  | 106 | 8.157     | 8.153         | 0.004         | 99 | 657252   | 200.0        | 197.2          |       |
| 97 1,1,1,2-Tetrachloroethane     | 131 | 8.170     | 8.165         | 0.005         | 94 | 454722   | 200.0        | 209.8          |       |
| 98 m-Xylene & p-Xylene           | 106 | 8.309     | 8.305         | 0.004         | 0  | 781707   | 200.0        | 188.5          |       |
| 99 o-Xylene                      | 106 | 8.760     | 8.755         | 0.005         | 92 | 804180   | 200.0        | 192.8          |       |
| 100 n-Butyl acrylate             | 73  | 8.778     | 8.773         | 0.005         | 95 | 421915   | 200.0        | 200.2          |       |
| 101 Styrene                      | 104 | 8.790     | 8.792         | -0.002        | 91 | 1400273  | 200.0        | 195.9          |       |
| 103 Bromoform                    | 173 | 9.003     | 9.004         | -0.001        | 93 | 337489   | 200.0        | 229.5          |       |
| 102 Amyl acetate (mixed isomers) | 43  | 9.021     | 9.017         | 0.004         | 86 | 1152166  | 200.0        | 196.4          |       |
| 104 Isopropylbenzene             | 105 | 9.137     | 9.138         | -0.001        | 98 | 1954403  | 200.0        | 192.6          |       |
| \$ 105 4-Bromofluorobenzene      | 174 | 9.338     | 9.333         | 0.005         | 86 | 129852   | 50.0         | 50.5           |       |
| 106 Bromobenzene                 | 156 | 9.459     | 9.461         | -0.002        | 93 | 547850   | 200.0        | 191.8          |       |
| 107 1,1,2,2-Tetrachloroethane    | 83  | 9.532     | 9.528         | 0.004         | 99 | 672005   | 200.0        | 199.2          |       |
| 108 N-Propylbenzene              | 91  | 9.544     | 9.546         | -0.002        | 98 | 2542113  | 200.0        | 189.9          |       |
| 109 1,2,3-Trichloropropane       | 110 | 9.569     | 9.564         | 0.005         | 96 | 144668   | 200.0        | 194.6          |       |
| 110 trans-1,4-Dichloro-2-butene  | 53  | 9.593     | 9.595         | -0.002        | 89 | 217776   | NC           | NC             |       |
| 111 2-Chlorotoluene              | 91  | 9.642     | 9.637         | 0.005         | 97 | 1837011  | 200.0        | 192.1          |       |
| 112 4-Ethyltoluene               | 105 | 9.660     | 9.655         | 0.005         | 98 | 2084043  | NC           | NC             |       |
| 113 1,3,5-Trimethylbenzene       | 105 | 9.727     | 9.722         | 0.005         | 91 | 1752352  | 200.0        | 196.4          |       |
| 114 4-Chlorotoluene              | 91  | 9.751     | 9.753         | -0.002        | 99 | 1814584  | 200.0        | 196.5          |       |
| 115 Butyl Methacrylate           | 87  | 9.836     | 9.838         | -0.002        | 97 | 713743   | 200.0        | 205.8          |       |
| 116 tert-Butylbenzene            | 119 | 10.001    | 10.002        | -0.001        | 89 | 1293495  | 200.0        | 191.6          |       |
| 117 1,2,4-Trimethylbenzene       | 105 | 10.062    | 10.063        | -0.001        | 99 | 1860268  | 200.0        | 197.2          |       |
| 118 sec-Butylbenzene             | 105 | 10.195    | 10.197        | -0.002        | 98 | 1929650  | 200.0        | 189.8          |       |
| 120 1,3-Dichlorobenzene          | 146 | 10.317    | 10.319        | -0.002        | 92 | 1010832  | 200.0        | 197.1          |       |
| 119 4-Isopropyltoluene           | 119 | 10.329    | 10.325        | 0.004         | 98 | 1664901  | 200.0        | 197.3          |       |
| * 121 1,4-Dichlorobenzene-d4     | 152 | 10.384    | 10.385        | -0.001        | 97 | 203202   | 50.0         | 50.0           |       |
| 122 1,4-Dichlorobenzene          | 146 | 10.402    | 10.404        | -0.002        | 91 | 1050024  | 200.0        | 195.6          |       |
| 123 1,2,3-Trimethylbenzene       | 105 | 10.427    | 10.428        | -0.001        | 99 | 1969152  | 200.0        | 196.9          |       |
| 124 Benzyl chloride              | 91  | 10.536    | 10.531        | 0.005         | 97 | 1245583  | 200.0        | 229.0          |       |
| 125 2,3-Dihydroindene            | 117 | 10.591    | 10.586        | 0.005         | 94 | 1870855  | NC           | NC             |       |
| 126 p-Diethylbenzene             | 119 | 10.652    | 10.647        | 0.005         | 90 | 905043   | NC           | NC             |       |
| 127 n-Butylbenzene               | 92  | 10.670    | 10.671        | -0.001        | 98 | 928253   | 200.0        | 195.9          |       |
| 128 1,2-Dichlorobenzene          | 146 | 10.712    | 10.714        | -0.002        | 93 | 1009974  | 200.0        | 198.2          |       |
| 129 1,2,4,5-Tetramethylbenzene   | 119 | 11.272    | 11.274        | -0.002        | 96 | 1781918  | NC           | NC             |       |
| 130 1,2-Dibromo-3-Chloropropane  | 157 | 11.357    | 11.353        | 0.004         | 93 | 114907   | 200.0        | 215.8          |       |
| 131 1,3,5-Trichlorobenzene       | 180 | 11.467    | 11.462        | 0.005         | 96 | 712844   | NC           | NC             |       |
| 132 1,2,4-Trichlorobenzene       | 180 | 11.941    | 11.937        | 0.004         | 94 | 661790   | 200.0        | 199.8          |       |
| 133 Hexachlorobutadiene          | 225 | 12.020    | 12.022        | -0.002        | 93 | 220516   | 200.0        | 192.9          |       |
| 134 Naphthalene                  | 128 | 12.124    | 12.125        | -0.001        | 98 | 1694112  | 200.0        | 198.1          |       |
| 135 1,2,3-Trichlorobenzene       | 180 | 12.300    | 12.296        | 0.004         | 95 | 613422   | 200.0        | 201.3          |       |
| S 136 1,2-Dichloroethene, Total  | 100 |           |               |               | 0  |          | 400.0        | 371.5          |       |

| Compound             | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|----------------------|-----|--------------|------------------|------------------|---|----------|-----------------|-------------------|-------|
| S 137 Xylenes, Total | 100 |              |                  |                  | 0 |          | 400.0           | 381.3             |       |
| S 138 Total BTEX     | 1   |              |                  |                  | 0 |          | 1000.0          | 958.7             |       |

### QC Flag Legend

#### Processing Flags

NC - Not Calibrated

#### Review Flags

a - User Assigned ID

### Reagents:

|                   |                     |           |             |
|-------------------|---------------------|-----------|-------------|
| ACROLEIN W_00145  | Amount Added: 20.00 | Units: uL |             |
| Ethanol mix_00069 | Amount Added: 20.00 | Units: uL |             |
| MIX 1 Hi_00155    | Amount Added: 20.00 | Units: uL |             |
| MIX 2 Hi_00128    | Amount Added: 20.00 | Units: uL |             |
| 8FreonHi_00049    | Amount Added: 20.00 | Units: uL |             |
| GAS Hi_00426      | Amount Added: 20.00 | Units: uL |             |
| 8260ISNEW_00171   | Amount Added: 1.00  | Units: uL | Run Reagent |
| 8260SURR250_00232 | Amount Added: 1.00  | Units: uL | Run Reagent |

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81267.D

Injection Date: 13-Oct-2022 01:36:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD200

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

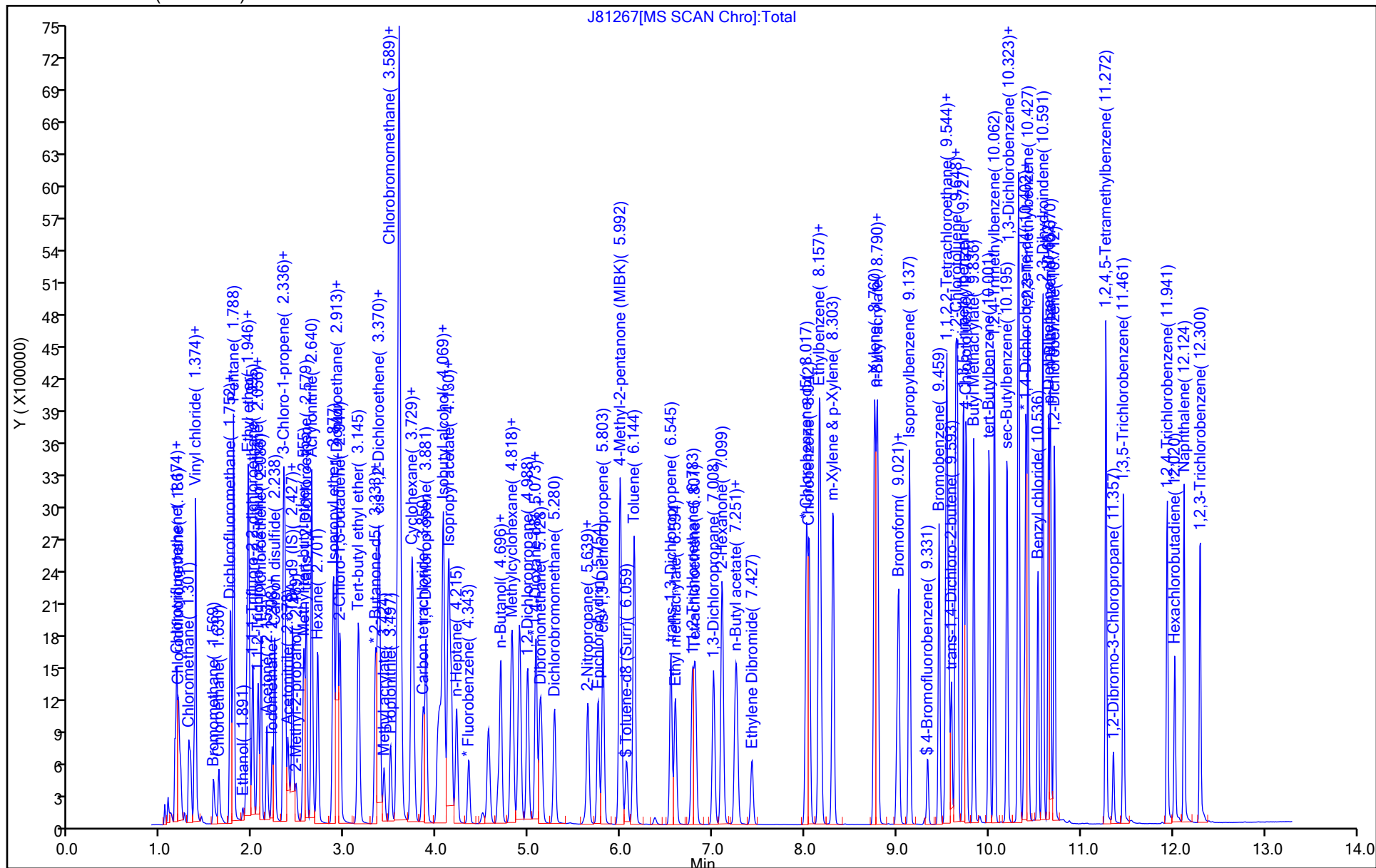
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Lims ID: STD500  
 Client ID:  
 Sample Type: IC Calib Level: 6  
 Inject. Date: 13-Oct-2022 02:01:30 ALS Bottle#: 9 Worklist Smp#: 9  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: STD500  
 Misc. Info.: 460-0151655-009  
 Operator ID: Instrument ID: CVOAMS8  
 Sublist: chrom-8260\_W8\*sub61  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 14-Oct-2022 16:03:03 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1652

First Level Reviewer: HVW2

Date: 13-Oct-2022 02:21:24

| Compound                                 | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q   | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|------------------------------------------|-----|--------------|------------------|------------------|-----|----------|-----------------|-------------------|-------|
| 2 Chlorotrifluoroethene                  | 118 | 1.149        | 1.151            | -0.002           | 96  | 154736   | NC              | NC                |       |
| 4 Dichlorodifluoromethane                | 85  | 1.174        | 1.175            | -0.001           | 100 | 1850513  | 500.0           | 510.5             |       |
| 5 Chlorodifluoromethane                  | 67  | 1.192        | 1.193            | -0.001           | 98  | 301846   | NC              | NC                |       |
| 6 Chloromethane                          | 50  | 1.301        | 1.303            | -0.002           | 99  | 2552636  | 500.0           | 487.8             |       |
| 7 Vinyl chloride                         | 62  | 1.362        | 1.364            | -0.002           | 99  | 1591757  | 500.0           | 457.4             |       |
| 8 Butadiene                              | 54  | 1.380        | 1.376            | 0.004            | 93  | 1468363  | 500.0           | 439.4             |       |
| 9 Bromomethane                           | 94  | 1.569        | 1.577            | -0.008           | 98  | 694129   | 500.0           | 541.8             |       |
| 10 Chloroethane                          | 64  | 1.630        | 1.631            | -0.001           | 98  | 747795   | 500.0           | 435.8             |       |
| 12 Dichlorofluoromethane                 | 67  | 1.751        | 1.753            | -0.002           | 98  | 2272429  | NC              | NC                |       |
| 11 Trichlorofluoromethane                | 101 | 1.764        | 1.759            | 0.005            | 98  | 1695311  | 500.0           | 458.6             |       |
| 13 Pentane                               | 43  | 1.788        | 1.789            | -0.001           | 94  | 3417145  | 1000.0          | 792.3             |       |
| 14 Ethanol                               | 46  | 1.891        | 1.887            | 0.004            | 97  | 167008   | 20000           | 17900             |       |
| 15 Ethyl ether                           | 59  | 1.928        | 1.929            | -0.001           | 91  | 923063   | 500.0           | 430.1             |       |
| 16 2-Methyl-1,3-butadiene                | 53  | 1.946        | 1.948            | -0.002           | 97  | 1136977  | 500.0           | 419.8             |       |
| 17 1,2-Dichloro-1,1,2-trifluoroethane    | 117 | 1.958        | 1.960            | -0.002           | 97  | 812615   | NC              | NC                |       |
| 18 1,1,1-Trifluoro-2,2-dichloroethane    | 83  | 2.001        | 1.996            | 0.005            | 98  | 1641332  | NC              | NC                |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroethane | 101 | 2.056        | 2.057            | -0.001           | 95  | 975662   | 500.0           | 446.2             |       |
| 19 Acrolein                              | 56  | 2.062        | 2.057            | 0.005            | 94  | 141694   | 400.0           | 380.3             |       |
| 21 1,1-Dichloroethene                    | 96  | 2.092        | 2.088            | 0.004            | 94  | 934657   | 500.0           | 426.9             |       |
| 22 Acetone                               | 43  | 2.153        | 2.148            | 0.005            | 85  | 1990820  | 2500.0          | 2422.9            |       |
| 23 Iodomethane                           | 142 | 2.208        | 2.209            | -0.001           | 99  | 1268801  | 500.0           | 547.0             |       |
| 25 Isopropyl alcohol                     | 45  | 2.214        | 2.209            | 0.005            | 99  | 581800   | 5000.0          | 5405.7            |       |
| 24 Carbon disulfide                      | 76  | 2.238        | 2.234            | 0.004            | 100 | 3557940  | 500.0           | 442.2             |       |
| 26 3-Chloro-1-propene                    | 76  | 2.329        | 2.331            | -0.002           | 95  | 617231   | 500.0           | 401.8             |       |
| 28 Methyl acetate                        | 43  | 2.335        | 2.337            | -0.002           | 99  | 1830598  | 1000.0          | 866.0             |       |
| 27 Cyclopentene                          | 67  | 2.348        | 2.349            | -0.001           | 94  | 2739738  | NC              | NC                |       |
| 29 Acetonitrile                          | 41  | 2.384        | 2.380            | 0.004            | 98  | 1564806  | 5000.0          | 5699.3            |       |
| * 30 TBA-d9 (IS)                         | 65  | 2.415        | 2.410            | 0.005            | 77  | 207151   | 1000.0          | 1000.0            |       |
| 31 Methylene Chloride                    | 84  | 2.433        | 2.428            | 0.005            | 97  | 1182036  | 500.0           | 436.6             |       |
| 32 2-Methyl-2-propanol                   | 59  | 2.469        | 2.465            | 0.004            | 99  | 836237   | 5000.0          | 5035.2            |       |



| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 33 Methyl tert-butyl ether         | 73  | 2.554     | 2.556         | -0.002        | 96  | 3098875  | 500.0        | 460.9          |       |
| 34 trans-1,2-Dichloroethene        | 96  | 2.585     | 2.580         | 0.005         | 98  | 1056563  | 500.0        | 425.9          |       |
| 35 Acrylonitrile                   | 53  | 2.640     | 2.635         | 0.005         | 92  | 3980971  | 5000.0       | 4017.4         |       |
| 36 Hexane                          | 57  | 2.707     | 2.702         | 0.005         | 93  | 1367564  | 500.0        | 442.4          |       |
| 37 Isopropyl ether                 | 45  | 2.877     | 2.872         | 0.005         | 98  | 4614135  | 500.0        | 449.0          |       |
| 38 1,1-Dichloroethane              | 63  | 2.913     | 2.909         | 0.004         | 100 | 2299176  | 500.0        | 412.5          |       |
| 39 Vinyl acetate                   | 43  | 2.919     | 2.915         | 0.004         | 100 | 5169943  | 1000.0       | 792.2          |       |
| 40 2-Chloro-1,3-butadiene          | 88  | 2.950     | 2.945         | 0.005         | 95  | 997514   | NC           | NC             |       |
| 41 Tert-butyl ethyl ether          | 59  | 3.145     | 3.146         | -0.001        | 87  | 3970271  | NC           | NC             |       |
| * 43 2-Butanone-d5                 | 46  | 3.327     | 3.323         | 0.004         | 81  | 309968   | 250.0        | 250.0          |       |
| 42 2,2-Dichloropropane             | 79  | 3.333     | 3.335         | -0.002        | 96  | 601291   | 500.0        | 419.4          |       |
| 44 cis-1,2-Dichloroethene          | 96  | 3.364     | 3.359         | 0.005         | 90  | 1197715  | 500.0        | 439.2          |       |
| 46 2-Butanone (MEK)                | 72  | 3.376     | 3.377         | -0.001        | 95  | 579102   | 2500.0       | 2376.2         |       |
| 45 Ethyl acetate                   | 70  | 3.376     | 3.377         | -0.001        | 95  | 253434   | 1000.0       | 996.0          |       |
| 47 Methyl acrylate                 | 55  | 3.424     | 3.426         | -0.002        | 99  | 1137120  | NC           | NC             |       |
| 48 Propionitrile                   | 54  | 3.497     | 3.493         | 0.004         | 97  | 1657072  | NC           | NC             |       |
| 50 Chlorobromomethane              | 128 | 3.570     | 3.566         | 0.004         | 94  | 513653   | 500.0        | 425.6          |       |
| 49 Tetrahydrofuran                 | 72  | 3.570     | 3.566         | 0.004         | 57  | 229080   | 1000.0       | 942.4          |       |
| 51 Methacrylonitrile               | 67  | 3.595     | 3.584         | 0.011         | 94  | 3772707  | NC           | NC             |       |
| 52 Chloroform                      | 83  | 3.619     | 3.608         | 0.011         | 97  | 2028735  | 500.0        | 416.7          |       |
| 53 Cyclohexane                     | 84  | 3.729     | 3.724         | 0.005         | 97  | 1328328  | 500.0        | 438.5          |       |
| 54 1,1,1-Trichloroethane           | 97  | 3.741     | 3.742         | -0.001        | 97  | 1733938  | 500.0        | 450.2          |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.759     | 3.754         | 0.005         | 95  | 107724   | 50.0         | 50.2           |       |
| 56 Carbon tetrachloride            | 117 | 3.850     | 3.852         | -0.002        | 97  | 1484179  | 500.0        | 484.4          |       |
| 57 1,1-Dichloropropene             | 75  | 3.881     | 3.882         | -0.001        | 92  | 1715702  | 500.0        | 464.4          |       |
| 58 Isobutyl alcohol                | 43  | 4.014     | 4.010         | 0.004         | 96  | 1645803  | NC           | NC             |       |
| 59 Isooctane                       | 57  | 4.039     | 4.034         | 0.005         | 98  | 2672147  | NC           | NC             | a     |
| 60 Benzene                         | 78  | 4.069     | 4.065         | 0.004         | 98  | 4554246  | 500.0        | 421.7          |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.088     | 4.083         | 0.005         | 0   | 151860   | 50.0         | 51.5           |       |
| 62 Isopropyl acetate               | 43  | 4.130     | 4.126         | 0.004         | 95  | 3686419  | 500.0        | 477.0          |       |
| 63 Tert-amyl methyl ether          | 55  | 4.130     | 4.132         | -0.002        | 91  | 874782   | NC           | NC             |       |
| 64 1,2-Dichloroethane              | 62  | 4.161     | 4.156         | 0.004         | 97  | 1855837  | 500.0        | 449.6          |       |
| 65 n-Heptane                       | 57  | 4.215     | 4.211         | 0.004         | 97  | 548849   | 500.0        | 446.1          |       |
| * 66 Fluorobenzene                 | 96  | 4.349     | 4.345         | 0.004         | 97  | 493259   | 50.0         | 50.0           |       |
| 67 n-Butanol                       | 56  | 4.672     | 4.667         | 0.005         | 96  | 578875   | 12500        | 14774          |       |
| 68 Trichloroethene                 | 95  | 4.696     | 4.691         | 0.005         | 92  | 1231962  | 500.0        | 449.1          |       |
| 69 Methylcyclohexane               | 83  | 4.811     | 4.813         | -0.002        | 86  | 1432134  | 500.0        | 459.9          |       |
| 70 Ethyl acrylate                  | 55  | 4.824     | 4.819         | 0.005         | 98  | 3038171  | 500.0        | 459.0          |       |
| 71 1,2-Dichloropropane             | 63  | 4.988     | 4.983         | 0.005         | 88  | 1435525  | 500.0        | 439.2          |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.061     | 5.056         | 0.005         | 0   | 32068    | 1000.0       | 1000.0         |       |
| 73 Methyl methacrylate             | 100 | 5.079     | 5.075         | 0.004         | 94  | 479117   | 1000.0       | 969.6          |       |
| 74 Dibromomethane                  | 93  | 5.122     | 5.117         | 0.005         | 94  | 809742   | 500.0        | 449.6          |       |
| 75 1,4-Dioxane                     | 88  | 5.116     | 5.123         | -0.007        | 92  | 174106   | 10000        | 9990.6         |       |
| 76 n-Propyl acetate                | 43  | 5.140     | 5.135         | 0.005         | 99  | 2037619  | 500.0        | 494.1          |       |
| 77 Dichlorobromomethane            | 83  | 5.280     | 5.275         | 0.005         | 98  | 1804834  | 500.0        | 493.0          |       |
| 78 2-Nitropropane                  | 41  | 5.639     | 5.634         | 0.005         | 98  | 809328   | NC           | NC             |       |
| 79 2-Chloroethyl vinyl ether       | 63  | 5.645     | 5.640         | 0.005         | 96  | 911082   | 501.2        | 502.3          |       |
| 80 Epichlorohydrin                 | 57  | 5.754     | 5.750         | 0.004         | 98  | 2438316  | 10000        | 9790.6         |       |
| 81 cis-1,3-Dichloropropene         | 75  | 5.809     | 5.805         | 0.004         | 99  | 2450122  | 500.0        | 481.6          |       |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 5.998     | 5.993         | 0.005         | 98  | 6818163  | 2500.0       | 2319.5         |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.065     | 6.060         | 0.005         | 97  | 425746   | 50.0         | 51.4           |       |
| 84 Toluene                         | 91  | 6.150     | 6.145         | 0.005         | 92  | 5050245  | 500.0        | 447.6          |       |

| Compound                         | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|----------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 85 trans-1,3-Dichloropropene     | 75  | 6.545     | 6.541         | 0.004         | 98 | 2274666  | 500.0        | 502.4          |       |
| 86 Ethyl methacrylate            | 69  | 6.594     | 6.589         | 0.005         | 95 | 1630848  | NC           | NC             |       |
| 87 1,1,2-Trichloroethane         | 83  | 6.782     | 6.778         | 0.004         | 95 | 1134865  | 500.0        | 476.3          |       |
| 88 Tetrachloroethene             | 166 | 6.813     | 6.808         | 0.005         | 93 | 1102554  | 500.0        | 468.1          |       |
| 89 1,3-Dichloropropane           | 76  | 7.008     | 7.009         | -0.001        | 97 | 2040410  | 500.0        | 463.3          |       |
| 90 2-Hexanone                    | 58  | 7.105     | 7.100         | 0.005         | 99 | 2320160  | 2500.0       | 2416.5         |       |
| 91 n-Butyl acetate               | 43  | 7.245     | 7.246         | -0.001        | 96 | 2396191  | 500.0        | 459.9          |       |
| 92 Chlorodibromomethane          | 129 | 7.263     | 7.259         | 0.004         | 97 | 1331880  | 500.0        | 529.7          |       |
| 93 Ethylene Dibromide            | 107 | 7.427     | 7.423         | 0.004         | 98 | 1215875  | 500.0        | 473.9          |       |
| * 94 Chlorobenzene-d5            | 117 | 8.011     | 8.013         | -0.002        | 93 | 387427   | 50.0         | 50.0           |       |
| 95 Chlorobenzene                 | 112 | 8.048     | 8.049         | -0.001        | 91 | 3113658  | 500.0        | 456.9          |       |
| 96 Ethylbenzene                  | 106 | 8.163     | 8.153         | 0.010         | 99 | 1656518  | 500.0        | 464.5          |       |
| 97 1,1,1,2-Tetrachloroethane     | 131 | 8.176     | 8.165         | 0.011         | 94 | 1185206  | 500.0        | 511.0          |       |
| 98 m-Xylene & p-Xylene           | 106 | 8.309     | 8.305         | 0.004         | 0  | 2007832  | 500.0        | 452.3          |       |
| 99 o-Xylene                      | 106 | 8.760     | 8.755         | 0.005         | 92 | 2020993  | 500.0        | 452.8          |       |
| 100 n-Butyl acrylate             | 73  | 8.778     | 8.773         | 0.005         | 95 | 1086316  | 500.0        | 481.7          |       |
| 101 Styrene                      | 104 | 8.796     | 8.792         | 0.004         | 90 | 3488106  | 500.0        | 456.0          |       |
| 103 Bromoform                    | 173 | 9.003     | 9.004         | -0.001        | 93 | 921147   | 500.0        | 585.4          |       |
| 102 Amyl acetate (mixed isomers) | 43  | 9.021     | 9.017         | 0.004         | 87 | 2911135  | 500.0        | 440.0          |       |
| 104 Isopropylbenzene             | 105 | 9.143     | 9.138         | 0.005         | 99 | 4865564  | 500.0        | 448.1          |       |
| \$ 105 4-Bromofluorobenzene      | 174 | 9.338     | 9.333         | 0.005         | 85 | 146141   | 50.0         | 53.1           |       |
| 106 Bromobenzene                 | 156 | 9.465     | 9.461         | 0.004         | 96 | 1422418  | 500.0        | 441.6          |       |
| 107 1,1,2,2-Tetrachloroethane    | 83  | 9.532     | 9.528         | 0.004         | 98 | 1730998  | 500.0        | 455.0          |       |
| 108 N-Propylbenzene              | 91  | 9.550     | 9.546         | 0.004         | 98 | 6123342  | 500.0        | 405.5          |       |
| 109 1,2,3-Trichloropropane       | 110 | 9.569     | 9.564         | 0.005         | 95 | 376478   | 500.0        | 449.0          |       |
| 110 trans-1,4-Dichloro-2-butene  | 53  | 9.599     | 9.595         | 0.004         | 91 | 575198   | NC           | NC             |       |
| 111 2-Chlorotoluene              | 91  | 9.642     | 9.637         | 0.005         | 98 | 4669756  | 500.0        | 433.0          |       |
| 112 4-Ethyltoluene               | 105 | 9.660     | 9.655         | 0.005         | 97 | 5160696  | NC           | NC             |       |
| 113 1,3,5-Trimethylbenzene       | 105 | 9.727     | 9.722         | 0.005         | 91 | 4376970  | 500.0        | 435.1          |       |
| 114 4-Chlorotoluene              | 91  | 9.757     | 9.753         | 0.004         | 99 | 4457934  | 500.0        | 428.1          |       |
| 115 Butyl Methacrylate           | 87  | 9.842     | 9.838         | 0.004         | 97 | 1857726  | 500.0        | 474.8          |       |
| 116 tert-Butylbenzene            | 119 | 10.007    | 10.002        | 0.005         | 88 | 3262653  | 500.0        | 428.5          |       |
| 117 1,2,4-Trimethylbenzene       | 105 | 10.061    | 10.063        | -0.002        | 99 | 4639682  | 500.0        | 436.0          |       |
| 118 sec-Butylbenzene             | 105 | 10.201    | 10.197        | 0.004         | 97 | 4833209  | 500.0        | 421.6          |       |
| 120 1,3-Dichlorobenzene          | 146 | 10.323    | 10.319        | 0.004         | 93 | 2557865  | 500.0        | 442.1          |       |
| 119 4-Isopropyltoluene           | 119 | 10.329    | 10.325        | 0.004         | 95 | 4071140  | 500.0        | 427.8          |       |
| * 121 1,4-Dichlorobenzene-d4     | 152 | 10.390    | 10.385        | 0.005         | 96 | 229171   | 50.0         | 50.0           |       |
| 122 1,4-Dichlorobenzene          | 146 | 10.408    | 10.404        | 0.004         | 91 | 2689129  | 500.0        | 444.2          |       |
| 123 1,2,3-Trimethylbenzene       | 105 | 10.433    | 10.428        | 0.005         | 99 | 4957957  | 500.0        | 439.5          |       |
| 124 Benzyl chloride              | 91  | 10.536    | 10.531        | 0.005         | 97 | 3276591  | 500.0        | 534.0          |       |
| 125 2,3-Dihydroindene            | 117 | 10.591    | 10.586        | 0.005         | 93 | 4594909  | NC           | NC             |       |
| 126 p-Diethylbenzene             | 119 | 10.652    | 10.647        | 0.005         | 90 | 2270467  | NC           | NC             |       |
| 127 n-Butylbenzene               | 92  | 10.670    | 10.671        | -0.001        | 98 | 2293278  | 500.0        | 429.2          |       |
| 128 1,2-Dichlorobenzene          | 146 | 10.718    | 10.714        | 0.004         | 92 | 2589395  | 500.0        | 450.5          |       |
| 129 1,2,4,5-Tetramethylbenzene   | 119 | 11.278    | 11.274        | 0.004         | 96 | 4269660  | NC           | NC             |       |
| 130 1,2-Dibromo-3-Chloropropane  | 157 | 11.357    | 11.353        | 0.004         | 92 | 309301   | 500.0        | 515.1          |       |
| 131 1,3,5-Trichlorobenzene       | 180 | 11.467    | 11.462        | 0.005         | 96 | 1797522  | NC           | NC             |       |
| 132 1,2,4-Trichlorobenzene       | 180 | 11.941    | 11.937        | 0.004         | 94 | 1688922  | 500.0        | 452.2          |       |
| 133 Hexachlorobutadiene          | 225 | 12.026    | 12.022        | 0.004         | 94 | 601278   | 500.0        | 466.5          |       |
| 134 Naphthalene                  | 128 | 12.124    | 12.125        | -0.001        | 97 | 4325742  | 500.0        | 448.5          |       |
| 135 1,2,3-Trichlorobenzene       | 180 | 12.300    | 12.296        | 0.004         | 95 | 1598850  | 500.0        | 465.2          |       |
| S 136 1,2-Dichloroethene, Total  | 100 |           |               |               | 0  |          | 1000.0       | 865.1          |       |



| Compound             | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|----------------------|-----|--------------|------------------|------------------|---|----------|-----------------|-------------------|-------|
| S 137 Xylenes, Total | 100 |              |                  |                  | 0 |          | 1000.0          | 905.1             |       |
| S 138 Total BTEX     | 1   |              |                  |                  | 0 |          | 2500.0          | 2239.0            |       |

### QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

### Reagents:

|                   |                     |           |             |
|-------------------|---------------------|-----------|-------------|
| GAS Hi_00426      | Amount Added: 50.00 | Units: uL |             |
| MIX 2 Hi_00128    | Amount Added: 50.00 | Units: uL |             |
| MIX I Hi_00155    | Amount Added: 50.00 | Units: uL |             |
| 8FreonHi_00049    | Amount Added: 50.00 | Units: uL |             |
| Ethanol mix_00069 | Amount Added: 50.00 | Units: uL |             |
| ACROLEIN W_00145  | Amount Added: 40.00 | Units: uL |             |
| 8260ISNEW_00171   | Amount Added: 1.00  | Units: uL | Run Reagent |
| 8260SURR250_00232 | Amount Added: 1.00  | Units: uL | Run Reagent |

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Injection Date: 13-Oct-2022 02:01:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: STD500

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

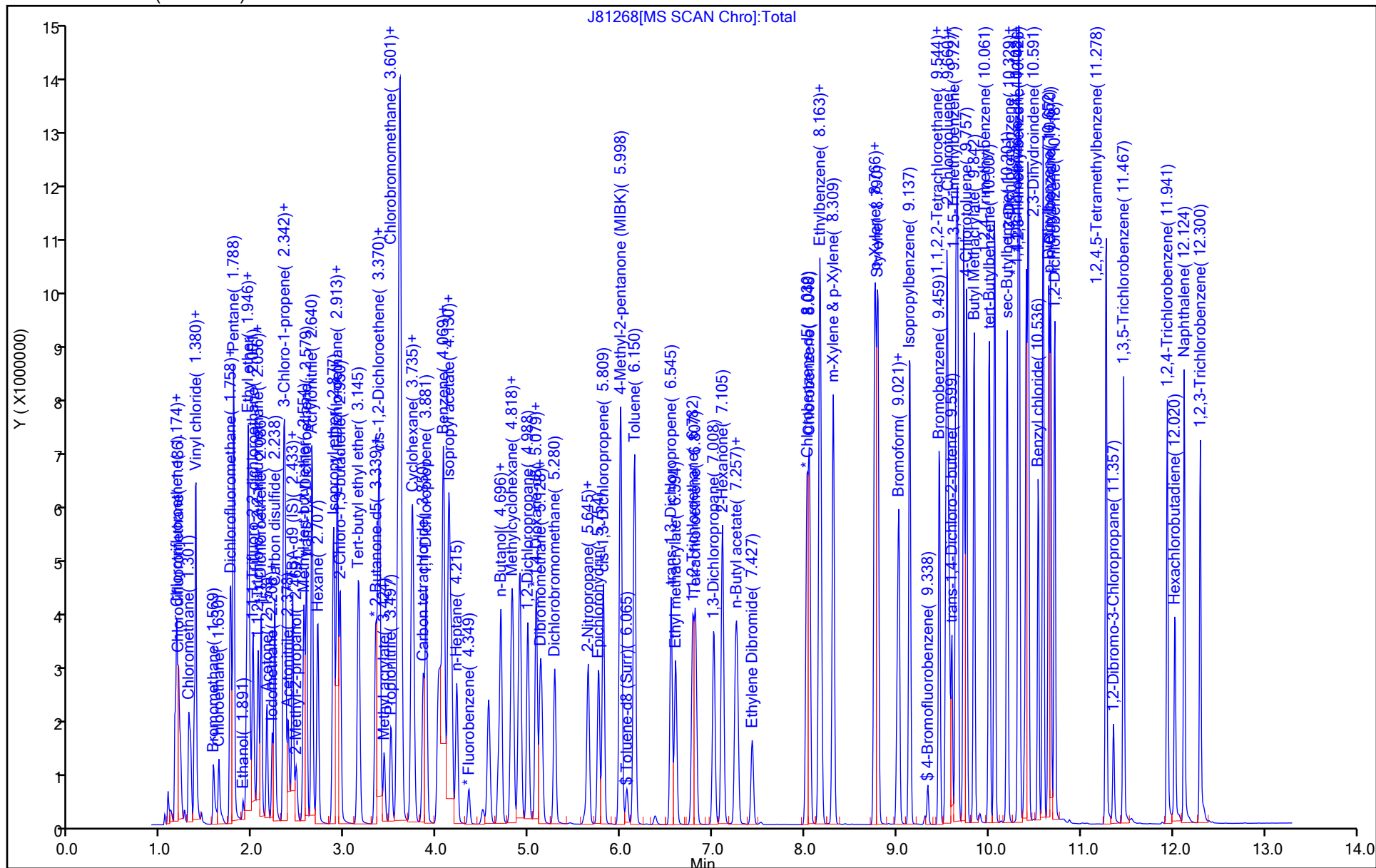
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)



# Calibration

/ Dichlorodifluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

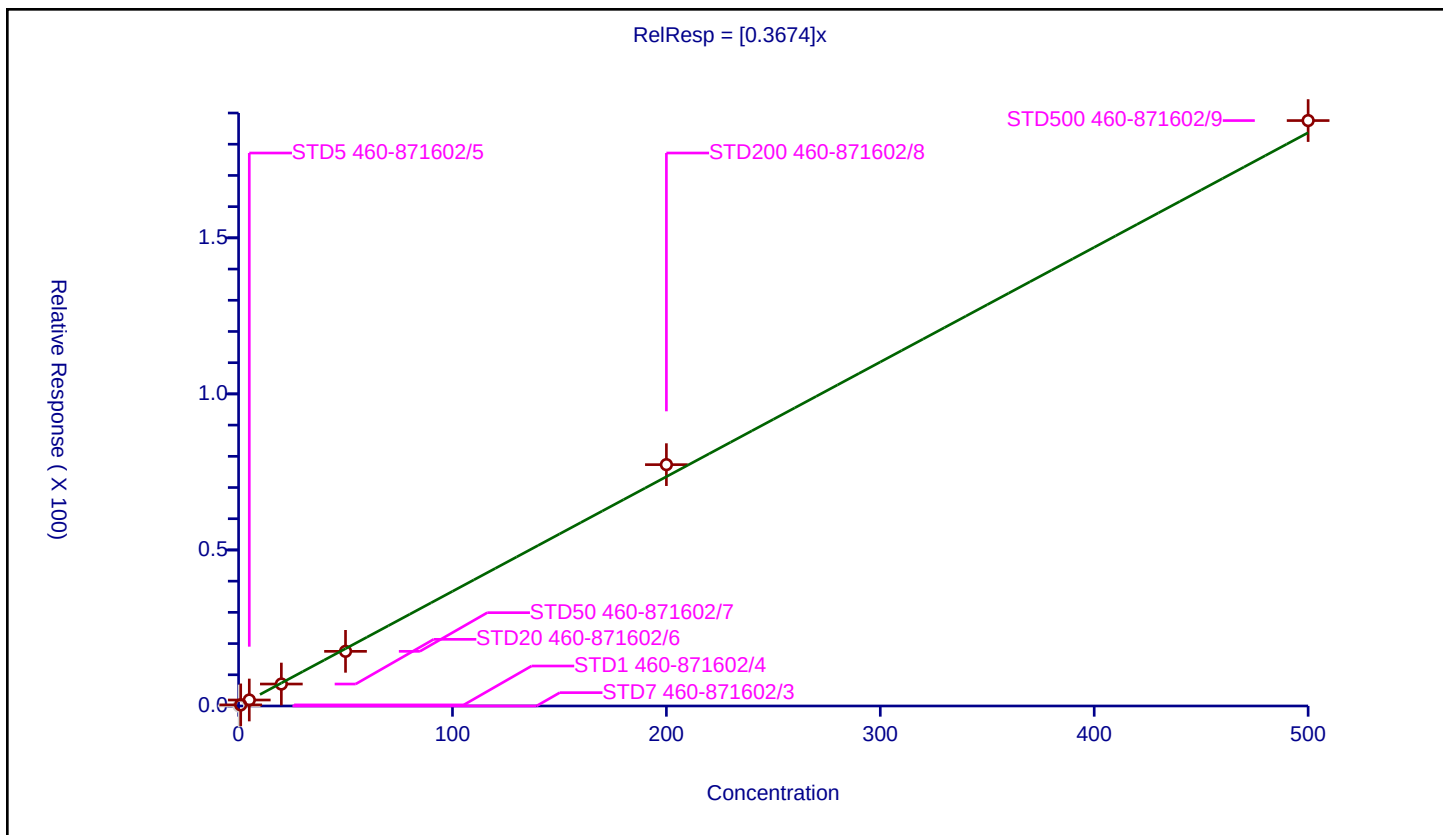
## Curve Coefficients

Intercept: 0  
 Slope: 0.3674

## Error Coefficients

Standard Error: 893000  
 Relative Standard Error: 4.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.25          | 0.0        | 50.0      | 447005.0    | 0.0      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.356833   | 50.0      | 439281.0    | 0.356833 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.919484   | 50.0      | 453872.0    | 0.383897 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 7.033844   | 50.0      | 460431.0    | 0.351692 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 17.512513  | 50.0      | 468525.0    | 0.35025  | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 77.32825   | 50.0      | 471631.0    | 0.386641 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 187.580257 | 50.0      | 493259.0    | 0.375161 | Y    |



# Calibration

/ Chloromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

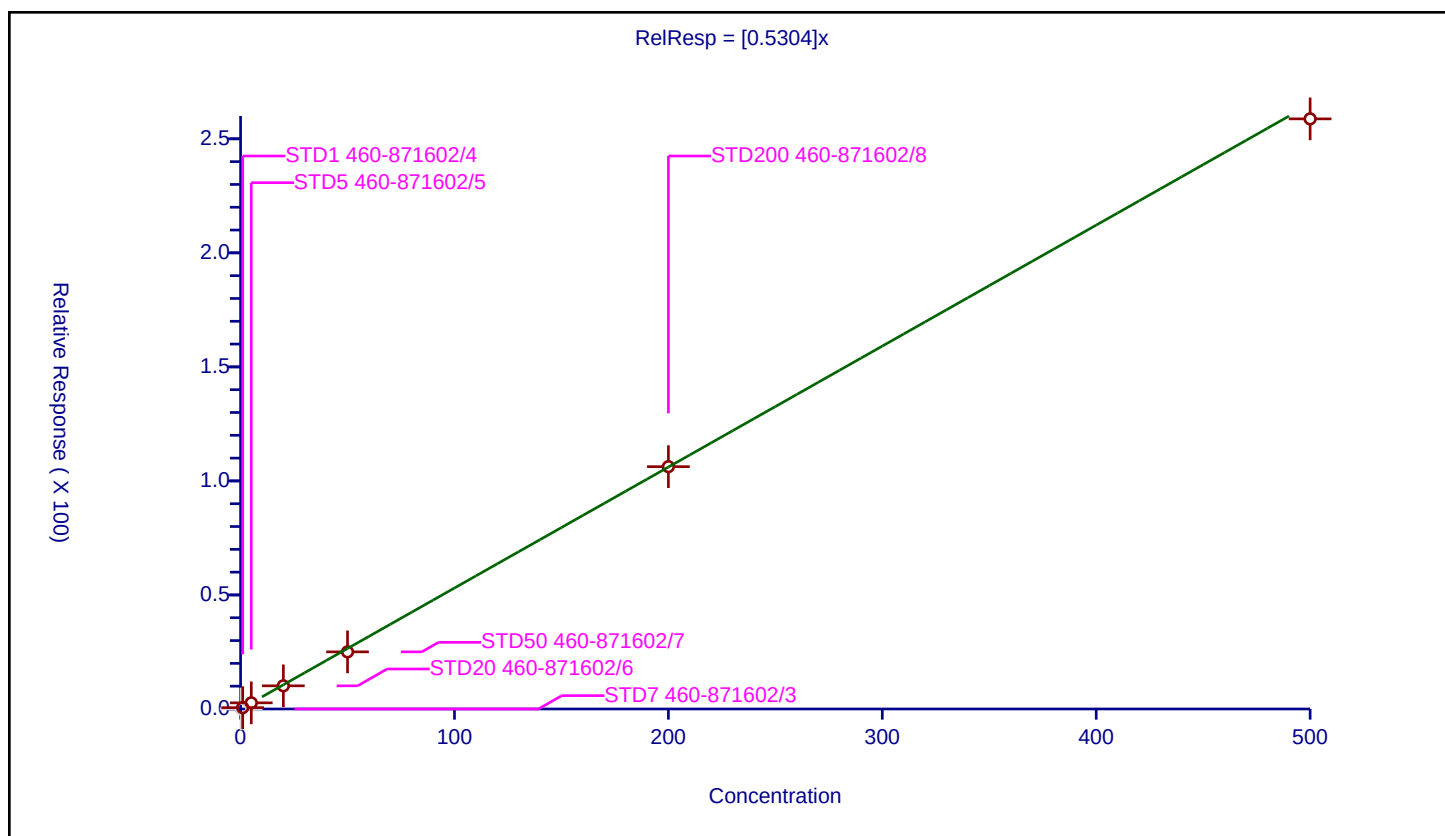
## Curve Coefficients

Intercept: 0  
 Slope: 0.5304

## Error Coefficients

Standard Error: 1230000  
 Relative Standard Error: 5.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.996

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.25          | 0.0        | 50.0      | 447005.0    | 0.0      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.585047   | 50.0      | 439281.0    | 0.585047 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 2.698889   | 50.0      | 453872.0    | 0.539778 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 10.157114  | 50.0      | 460431.0    | 0.507856 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 25.047863  | 50.0      | 468525.0    | 0.500957 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 106.257752 | 50.0      | 471631.0    | 0.531289 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 258.752096 | 50.0      | 493259.0    | 0.517504 | Y    |



# Calibration

/ Vinyl chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

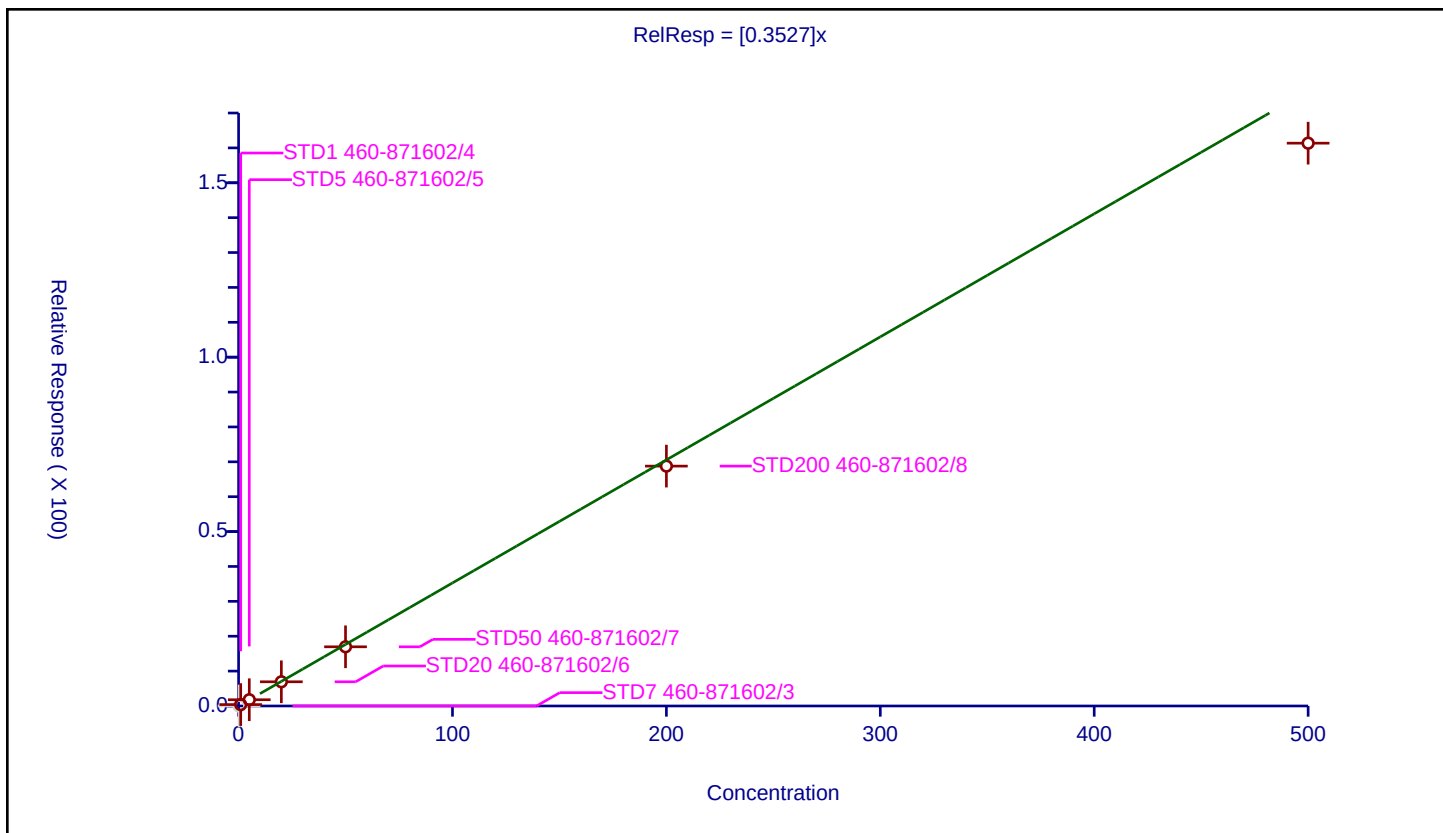
## Curve Coefficients

Intercept: 0  
 Slope: 0.3527

## Error Coefficients

Standard Error: 772000  
 Relative Standard Error: 7.9  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.992

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.25          | 0.0        | 50.0      | 447005.0    | 0.0      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.404525   | 50.0      | 439281.0    | 0.404525 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.795881   | 50.0      | 453872.0    | 0.359176 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 6.936979   | 50.0      | 460431.0    | 0.346849 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 16.969745  | 50.0      | 468525.0    | 0.339395 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 68.769016  | 50.0      | 471631.0    | 0.343845 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 161.351035 | 50.0      | 493259.0    | 0.322702 | Y    |



## Calibration

/ Butadiene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

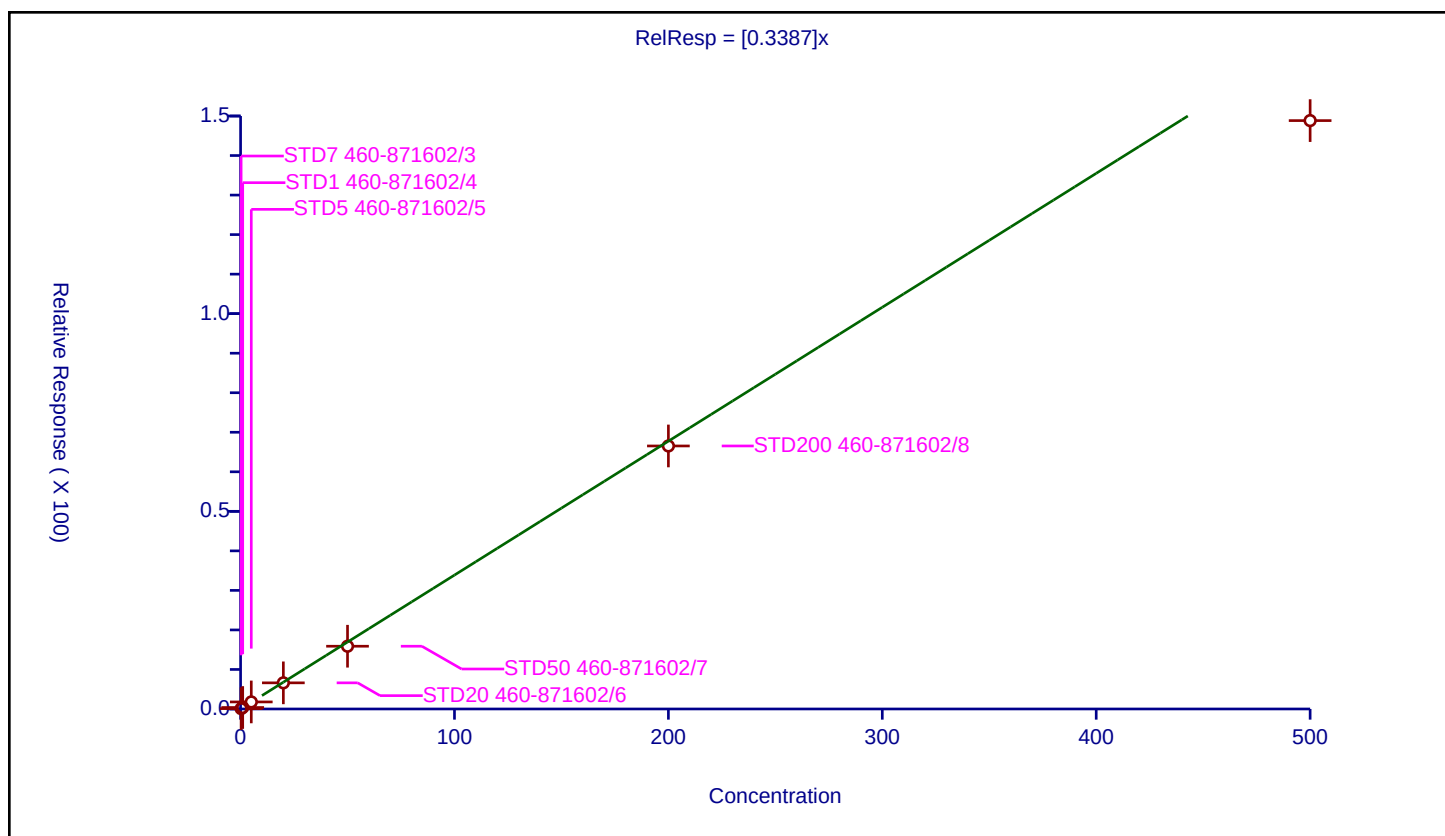
## Curve Coefficients

Intercept: 0  
Slope: 0.3387

## Error Coefficients

Standard Error: 655000  
Relative Standard Error: 8.0  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.993

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.25          | 0.090491   | 50.0      | 447005.0    | 0.361965 | Y    |
| 2  | STD1 460-871602/4   | 1.0           | 0.374476   | 50.0      | 439281.0    | 0.374476 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.781119   | 50.0      | 453872.0    | 0.356224 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 6.611957   | 50.0      | 460431.0    | 0.330598 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 15.876741  | 50.0      | 468525.0    | 0.317535 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 66.532734  | 50.0      | 471631.0    | 0.332664 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 148.843001 | 50.0      | 493259.0    | 0.297686 | Y    |



# Calibration

/ Bromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

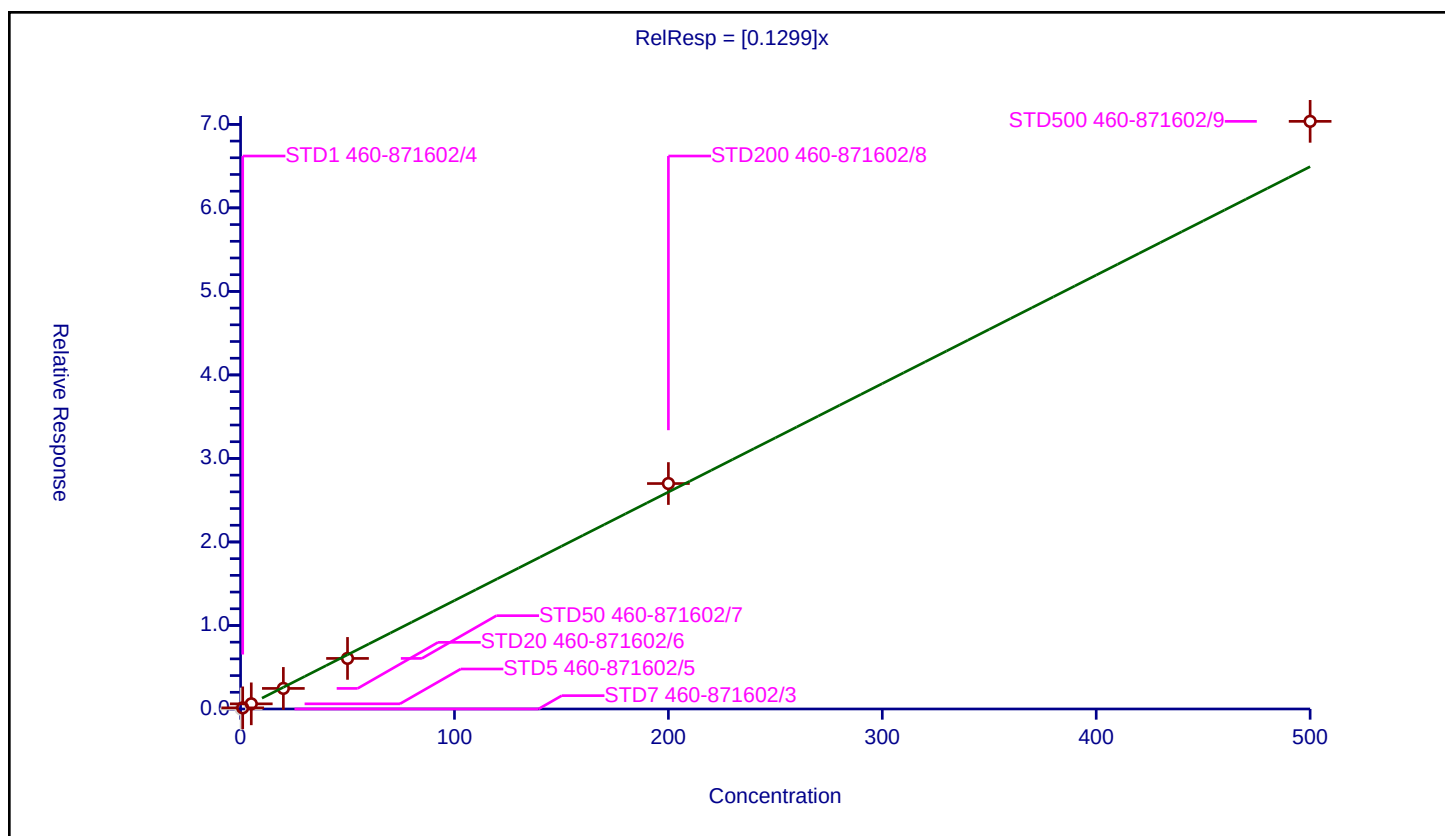
## Curve Coefficients

Intercept: 0  
 Slope: 0.1299

## Error Coefficients

Standard Error: 332000  
 Relative Standard Error: 6.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.995

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.25          | 0.0        | 50.0      | 447005.0    | 0.0      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.135676   | 50.0      | 439281.0    | 0.135676 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 0.618236   | 50.0      | 453872.0    | 0.123647 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 2.461824   | 50.0      | 460431.0    | 0.123091 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 6.056027   | 50.0      | 468525.0    | 0.121121 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 26.996105  | 50.0      | 471631.0    | 0.134981 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 70.361514  | 50.0      | 493259.0    | 0.140723 | Y    |



# Calibration

/ Chloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

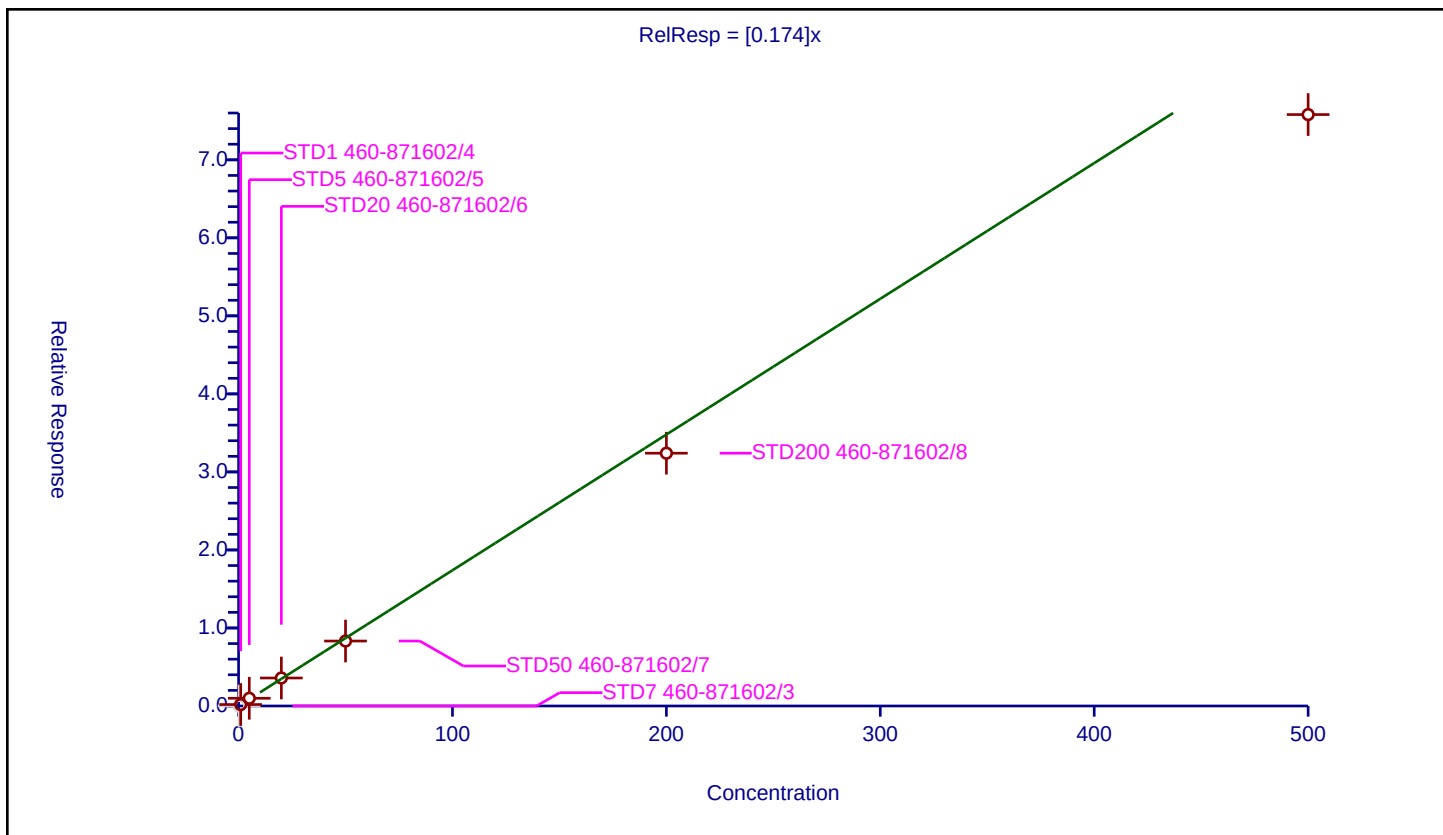
## Curve Coefficients

Intercept: 0  
 Slope: 0.174

## Error Coefficients

Standard Error: 363000  
 Relative Standard Error: 9.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.989

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.25          | 0.0        | 50.0      | 447005.0    | 0.0      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.186213   | 50.0      | 439281.0    | 0.186213 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 0.990147   | 50.0      | 453872.0    | 0.198029 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 3.587617   | 50.0      | 460431.0    | 0.179381 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 8.325063   | 50.0      | 468525.0    | 0.166501 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 32.400542  | 50.0      | 471631.0    | 0.162003 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 75.801455  | 50.0      | 493259.0    | 0.151603 | Y    |





# Calibration

/ Trichlorofluoromethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

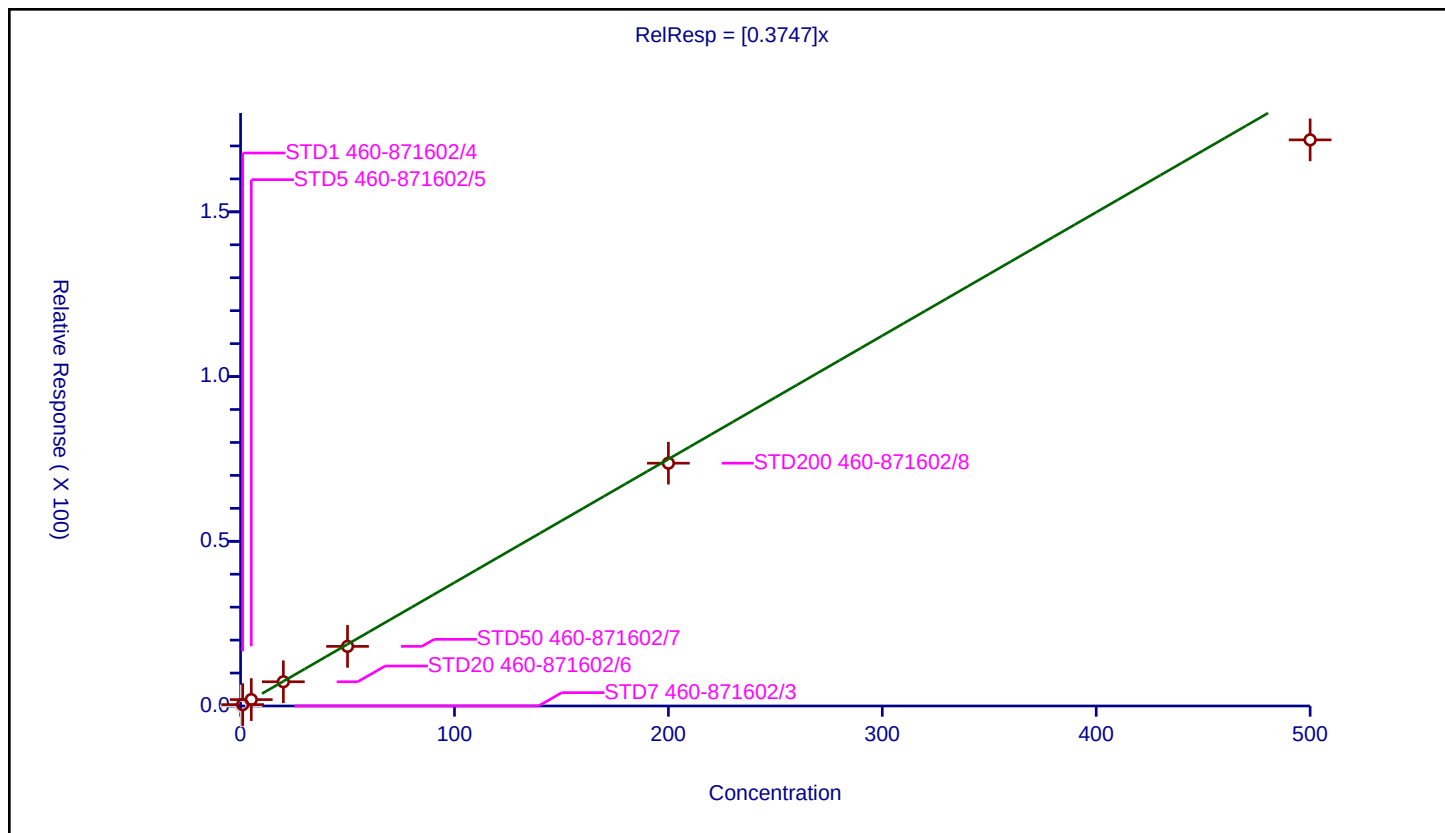
## Curve Coefficients

Intercept: 0  
 Slope: 0.3747

## Error Coefficients

Standard Error: 823000  
 Relative Standard Error: 6.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.994

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.25          | 0.0        | 50.0      | 447005.0    | 0.0      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.418183   | 50.0      | 439281.0    | 0.418183 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.941186   | 50.0      | 453872.0    | 0.388237 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 7.352676   | 50.0      | 460431.0    | 0.367634 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 18.092524  | 50.0      | 468525.0    | 0.36185  | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 73.705185  | 50.0      | 471631.0    | 0.368526 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 171.847954 | 50.0      | 493259.0    | 0.343696 | Y    |



# Calibration

/ Pentane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

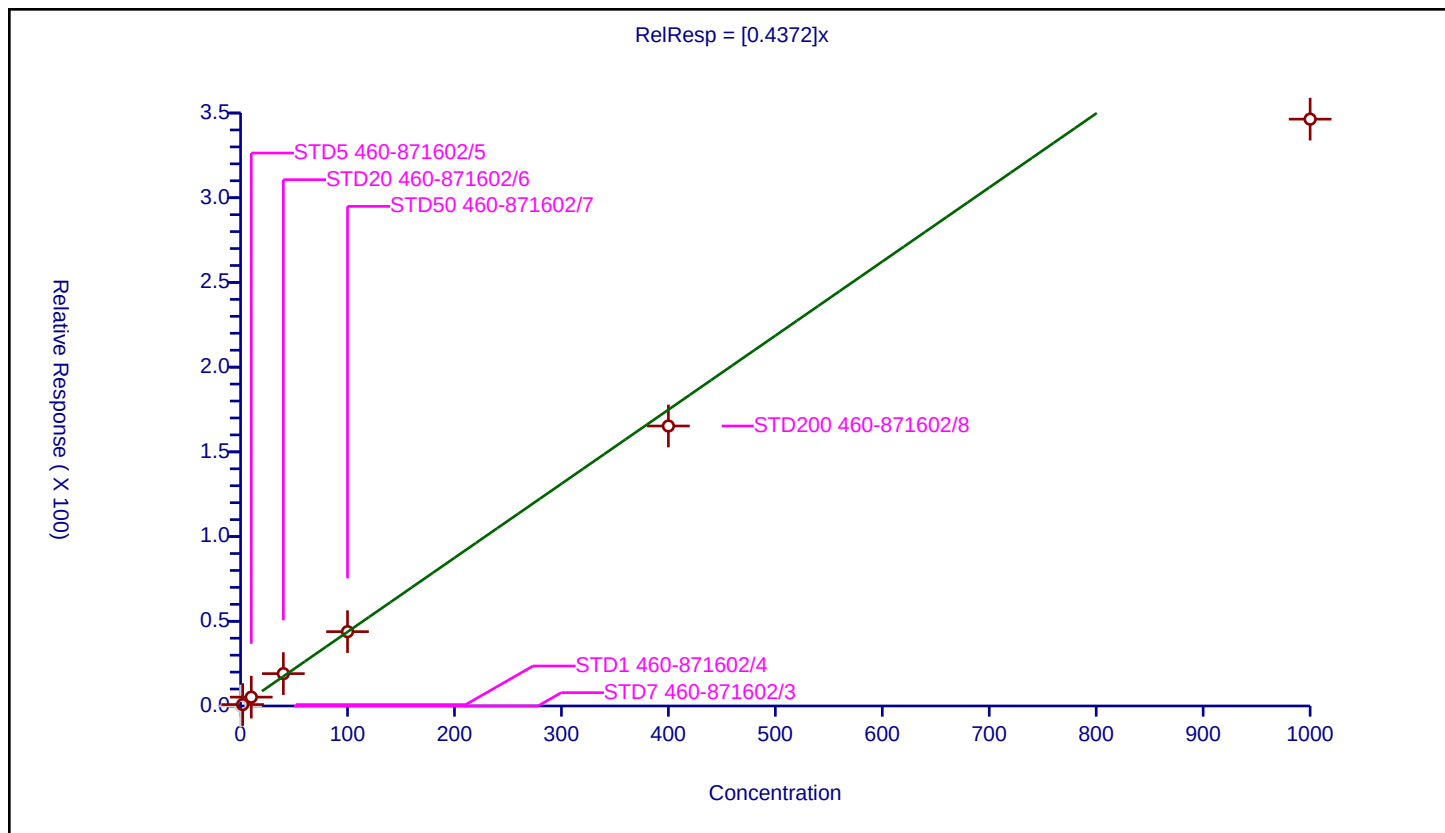
## Curve Coefficients

Intercept: 0  
 Slope: 0.4372

## Error Coefficients

Standard Error: 1690000  
 Relative Standard Error: 13.7  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.979

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 2.0           | 0.849456   | 50.0      | 439281.0    | 0.424728 | Y    |
| 3  | STD5 460-871602/5   | 10.0          | 5.226143   | 50.0      | 453872.0    | 0.522614 | Y    |
| 4  | STD20 460-871602/6  | 40.0          | 19.095912  | 50.0      | 460431.0    | 0.477398 | Y    |
| 5  | STD50 460-871602/7  | 100.0         | 43.879622  | 50.0      | 468525.0    | 0.438796 | Y    |
| 6  | STD200 460-871602/8 | 400.0         | 165.261931 | 50.0      | 471631.0    | 0.413155 | Y    |
| 7  | STD500 460-871602/9 | 1000.0        | 346.384455 | 50.0      | 493259.0    | 0.346384 | Y    |



# Calibration

/ Ethanol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

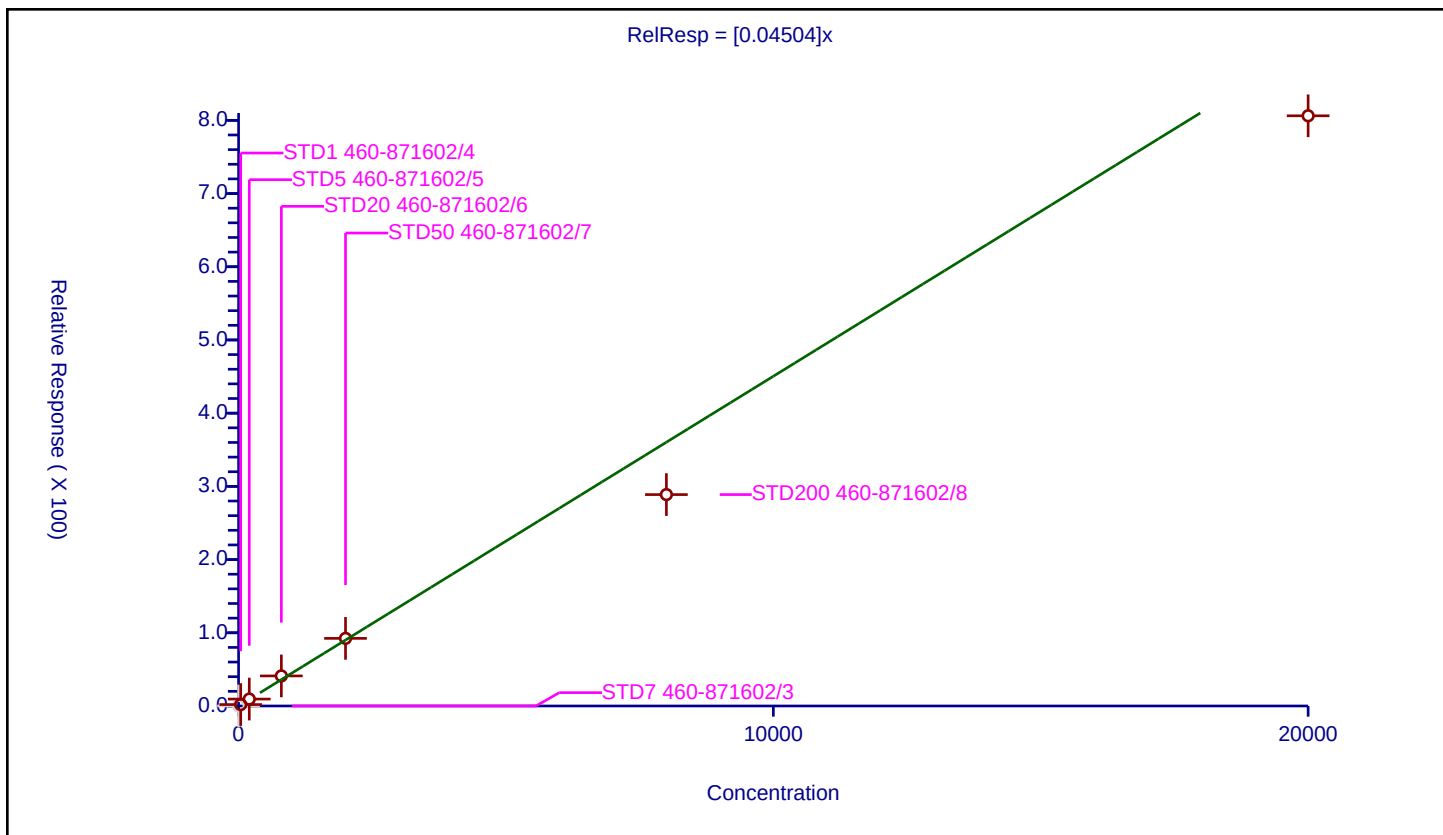
## Curve Coefficients

Intercept: 0  
 Slope: 0.04504

## Error Coefficients

Standard Error: 79300  
 Relative Standard Error: 12.7  
 Correlation Coefficient: 0.997  
 Coefficient of Determination (Adjusted): 0.981

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 1000.0    | 177682.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 40.0          | 1.963287   | 1000.0    | 174707.0    | 0.049082 | Y    |
| 3  | STD5 460-871602/5   | 200.0         | 9.447235   | 1000.0    | 176983.0    | 0.047236 | Y    |
| 4  | STD20 460-871602/6  | 800.0         | 41.077197  | 1000.0    | 181731.0    | 0.051346 | Y    |
| 5  | STD50 460-871602/7  | 2000.0        | 92.347447  | 1000.0    | 201619.0    | 0.046174 | Y    |
| 6  | STD200 460-871602/8 | 8000.0        | 288.774133 | 1000.0    | 204492.0    | 0.036097 | Y    |
| 7  | STD500 460-871602/9 | 20000.0       | 806.213825 | 1000.0    | 207151.0    | 0.040311 | Y    |



# Calibration

/ Ethyl ether

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

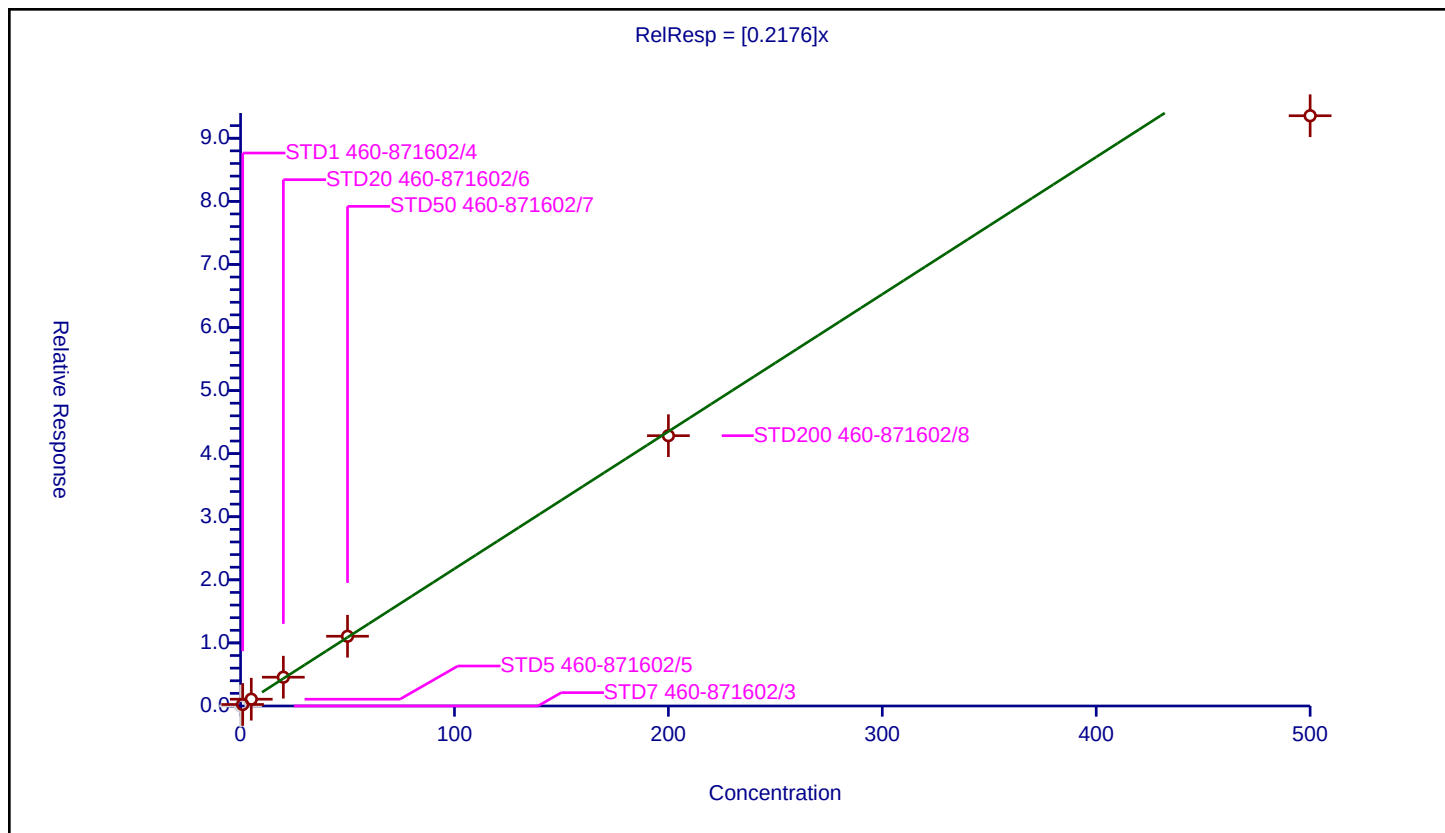
## Curve Coefficients

Intercept: 0  
Slope: 0.2176

## Error Coefficients

Standard Error: 453000  
Relative Standard Error: 8.0  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.992

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.239141   | 50.0      | 439281.0    | 0.239141 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.077837   | 50.0      | 453872.0    | 0.215567 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 4.563224   | 50.0      | 460431.0    | 0.228161 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 11.05576   | 50.0      | 468525.0    | 0.221115 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 42.849177  | 50.0      | 471631.0    | 0.214246 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 93.567781  | 50.0      | 493259.0    | 0.187136 | Y    |



# Calibration

/ 2-Methyl-1,3-butadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

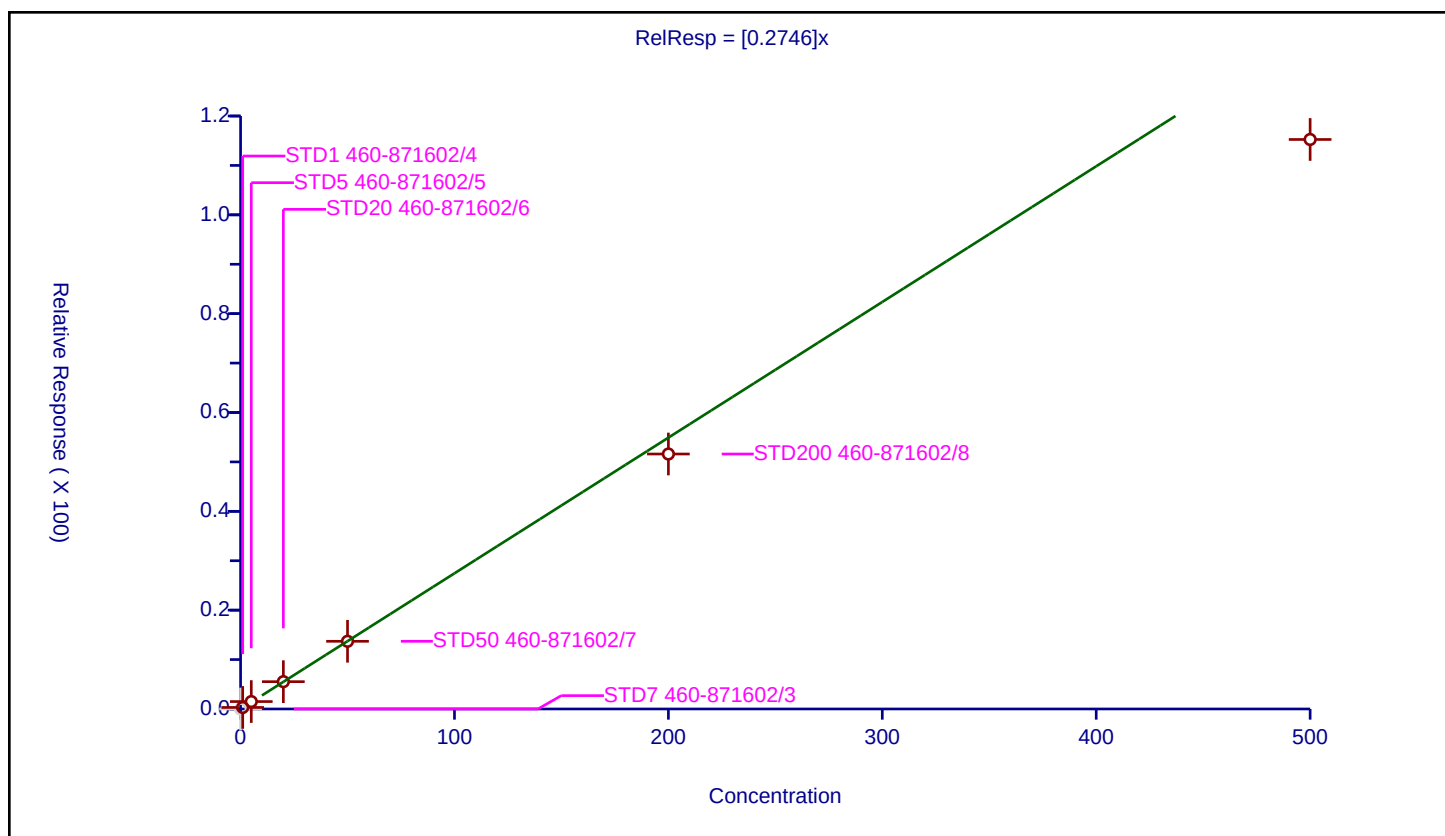
## Curve Coefficients

Intercept: 0  
 Slope: 0.2746

## Error Coefficients

Standard Error: 557000  
 Relative Standard Error: 10.3  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.987

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.308003   | 50.0      | 439281.0    | 0.308003 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.502075   | 50.0      | 453872.0    | 0.300415 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 5.529059   | 50.0      | 460431.0    | 0.276453 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 13.700336  | 50.0      | 468525.0    | 0.274007 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 51.60157   | 50.0      | 471631.0    | 0.258008 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 115.251521 | 50.0      | 493259.0    | 0.230503 | Y    |



# Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

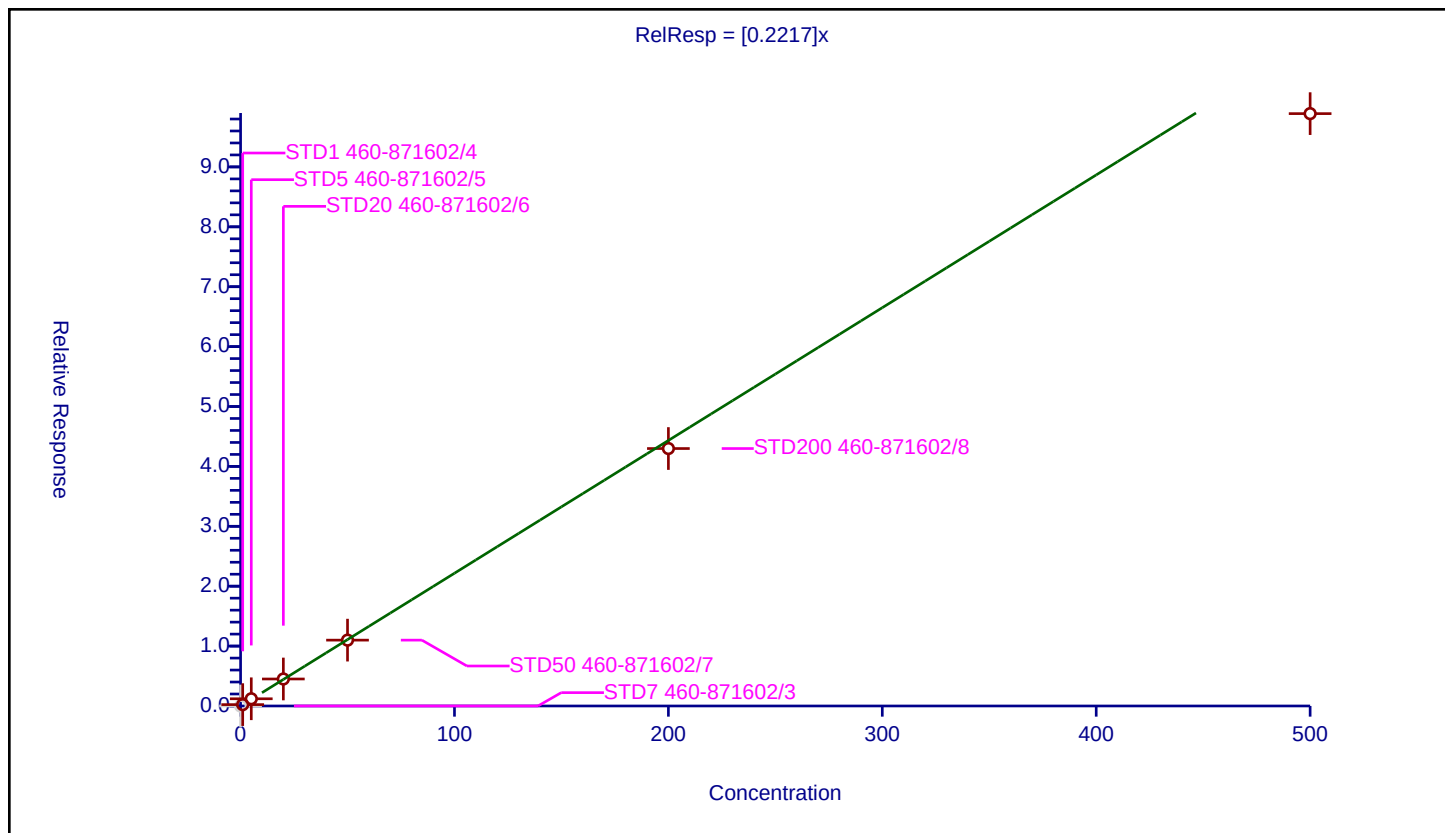
## Curve Coefficients

Intercept: 0  
Slope: 0.2217

## Error Coefficients

Standard Error: 475000  
Relative Standard Error: 6.6  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.995

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.231287   | 50.0      | 439281.0    | 0.231287 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.203423   | 50.0      | 453872.0    | 0.240685 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 4.507624   | 50.0      | 460431.0    | 0.225381 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 10.993544  | 50.0      | 468525.0    | 0.219871 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 42.984982  | 50.0      | 471631.0    | 0.214925 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 98.899564  | 50.0      | 493259.0    | 0.197799 | Y    |



## Calibration

/ Acrolein

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

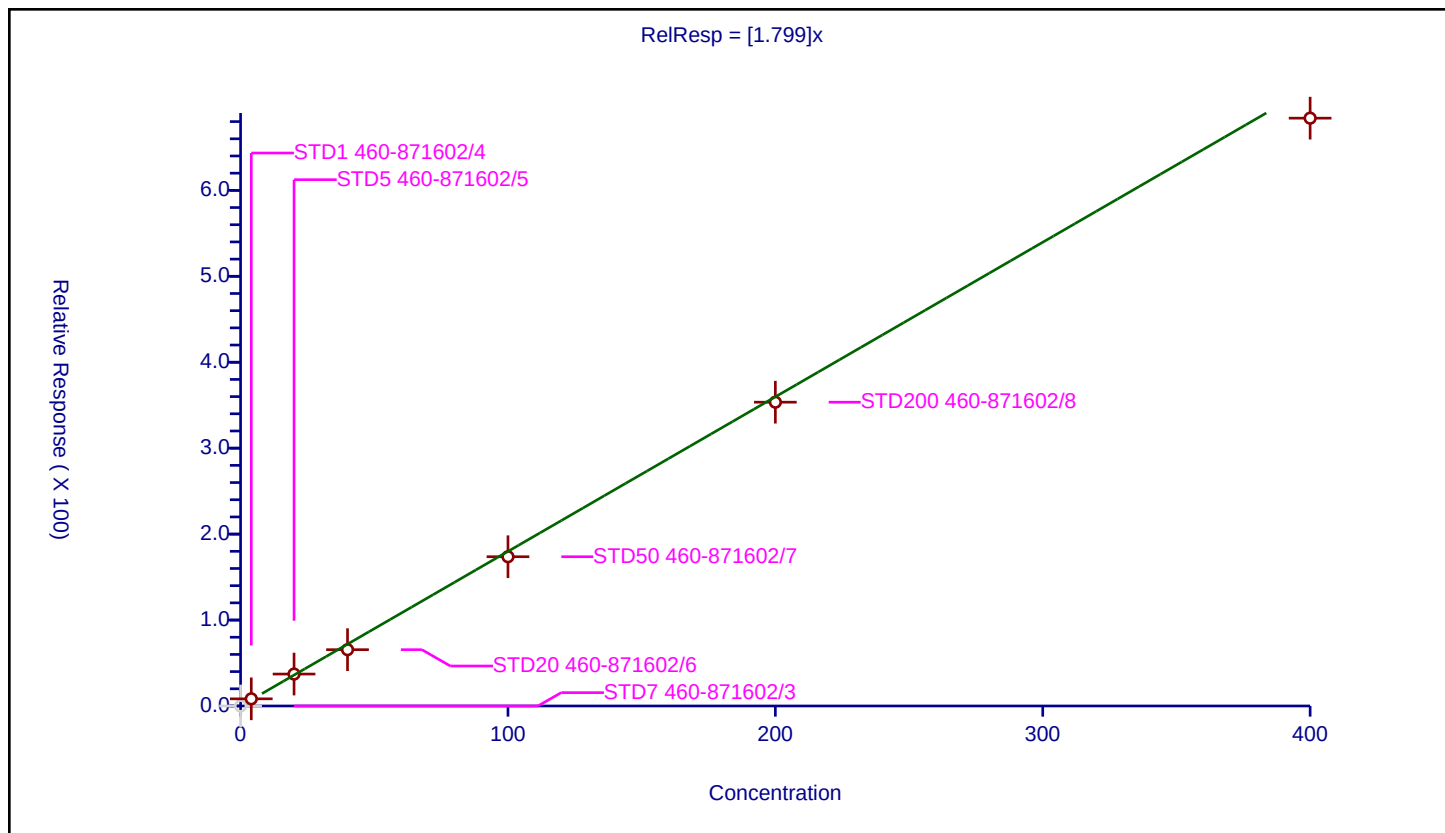
### Curve Coefficients

**Intercept:** 0  
**Slope:** 1.799

### Error Coefficients

**Standard Error:** 72700  
**Relative Standard Error:** 8.7  
**Correlation Coefficient:** 1.000  
**Coefficient of Determination (Adjusted):** 0.990

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 1000.0    | 177682.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 4.0           | 8.32823    | 1000.0    | 174707.0    | 2.082057 | Y    |
| 3  | STD5 460-871602/5   | 20.0          | 37.150461  | 1000.0    | 176983.0    | 1.857523 | Y    |
| 4  | STD20 460-871602/6  | 40.0          | 65.519917  | 1000.0    | 181731.0    | 1.637998 | Y    |
| 5  | STD50 460-871602/7  | 100.0         | 173.698907 | 1000.0    | 201619.0    | 1.736989 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 353.515052 | 1000.0    | 204492.0    | 1.767575 | Y    |
| 7  | STD500 460-871602/9 | 400.0         | 684.013111 | 1000.0    | 207151.0    | 1.710033 | Y    |



# Calibration

/ 1,1-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

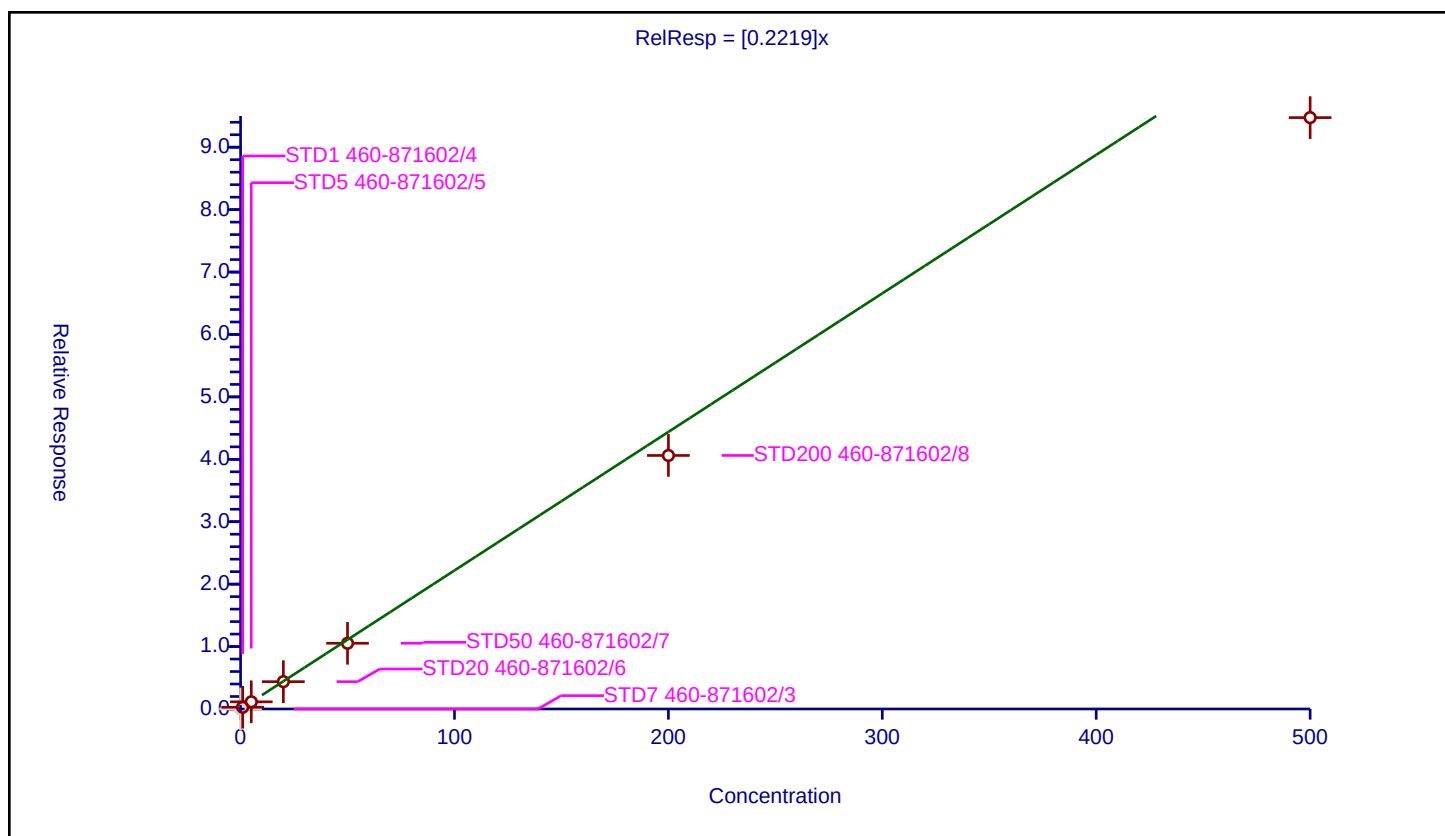
## Curve Coefficients

Intercept: 0  
 Slope: 0.2219

## Error Coefficients

Standard Error: 454000  
 Relative Standard Error: 14.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.973

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.280231   | 50.0      | 439281.0    | 0.280231 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.147791   | 50.0      | 453872.0    | 0.229558 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 4.375574   | 50.0      | 460431.0    | 0.218779 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 10.526866  | 50.0      | 468525.0    | 0.210537 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 40.616287  | 50.0      | 471631.0    | 0.203081 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 94.743025  | 50.0      | 493259.0    | 0.189486 | Y    |





# Calibration

/ Acetone

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

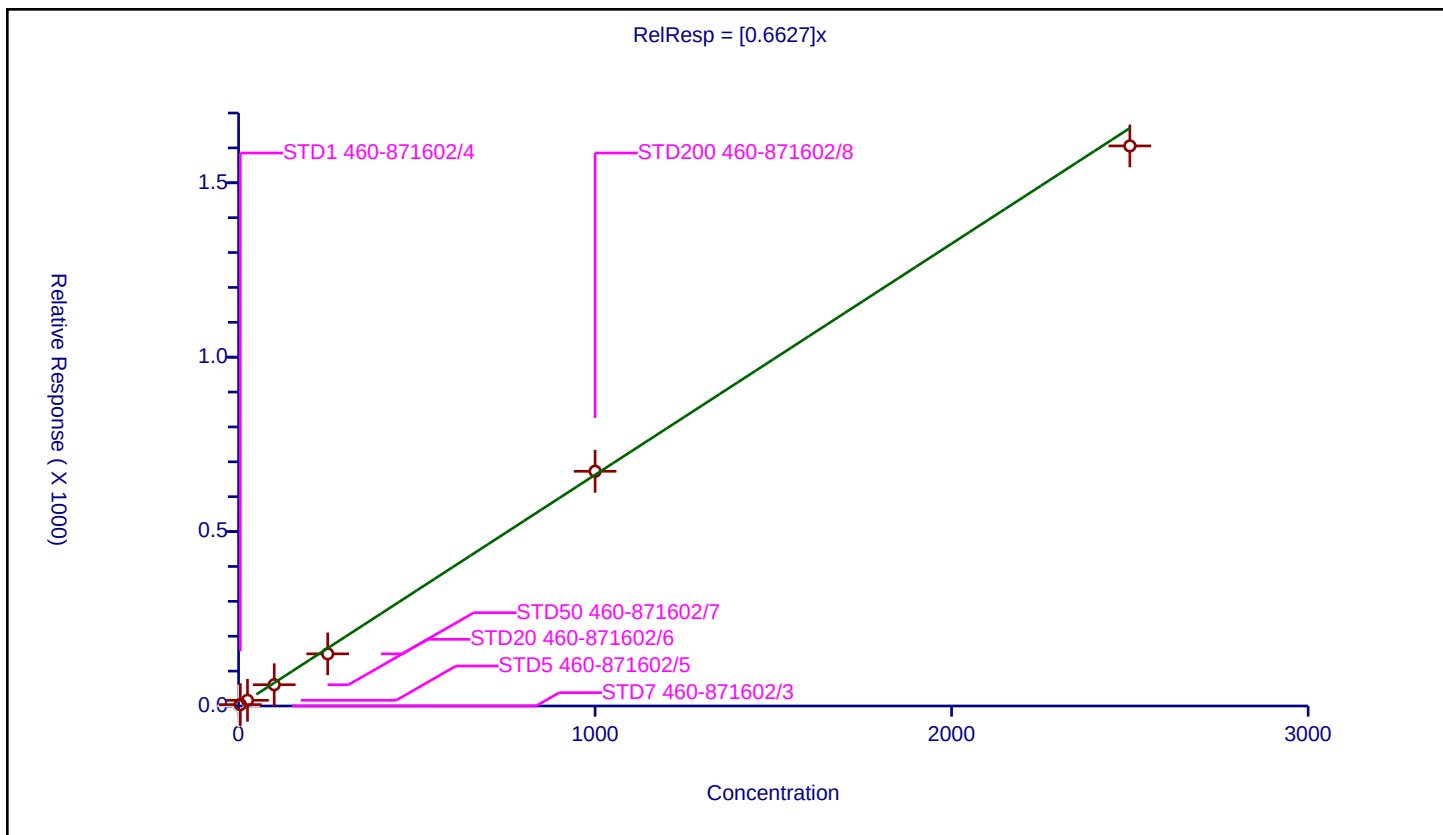
## Curve Coefficients

Intercept: 0  
 Slope: 0.6627

## Error Coefficients

Standard Error: 971000  
 Relative Standard Error: 10.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.985

| ID | Level               | Concentration | Rel. Resp.  | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|-------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0         | 250.0     | 260052.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 5.0           | 3.995451    | 250.0     | 261610.0    | 0.79909  | Y    |
| 3  | STD5 460-871602/5   | 25.0          | 16.356185   | 250.0     | 270494.0    | 0.654247 | Y    |
| 4  | STD20 460-871602/6  | 100.0         | 60.986147   | 250.0     | 285282.0    | 0.609861 | Y    |
| 5  | STD50 460-871602/7  | 250.0         | 149.468865  | 250.0     | 308867.0    | 0.597875 | Y    |
| 6  | STD200 460-871602/8 | 1000.0        | 672.875197  | 250.0     | 314688.0    | 0.672875 | Y    |
| 7  | STD500 460-871602/9 | 2500.0        | 1605.665746 | 250.0     | 309968.0    | 0.642266 | Y    |



# Calibration

/ Iodomethane

Curve Type: Linear  
 Weighting: Conc\_Sq  
 Origin: None  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

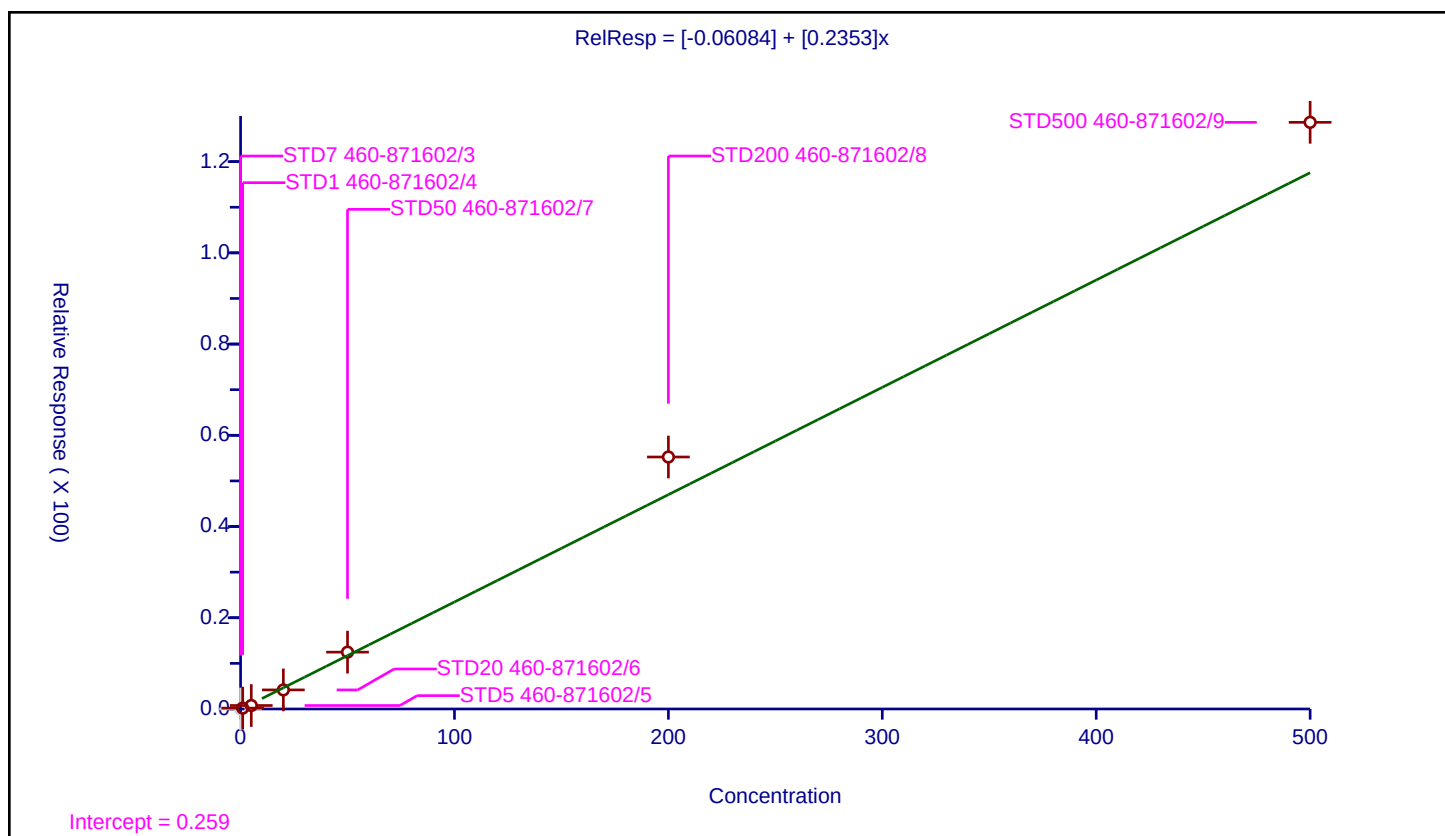
## Curve Coefficients

Intercept: -0.06084  
 Slope: 0.2353

## Error Coefficients

Standard Error: 689000  
 Relative Standard Error: 19.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.968

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.189059   | 50.0      | 439281.0    | 0.189059 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 0.764202   | 50.0      | 453872.0    | 0.15284  | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 4.1851     | 50.0      | 460431.0    | 0.209255 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 12.461448  | 50.0      | 468525.0    | 0.249229 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 55.244036  | 50.0      | 471631.0    | 0.27622  | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 128.614075 | 50.0      | 493259.0    | 0.257228 | Y    |



# Calibration

/ Isopropyl alcohol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

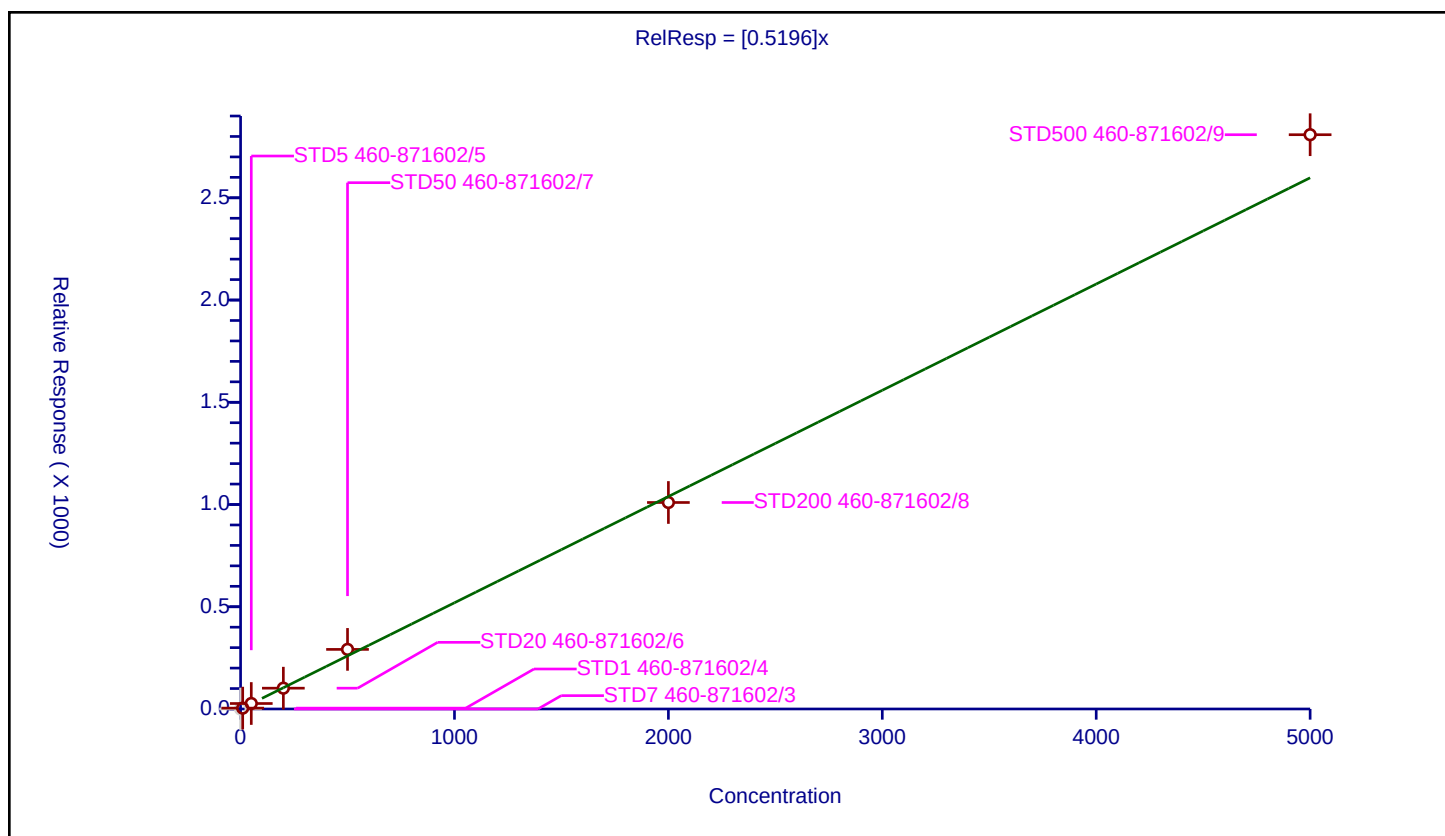
## Curve Coefficients

Intercept: 0  
 Slope: 0.5196

## Error Coefficients

Standard Error: 276000  
 Relative Standard Error: 10.9  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.988

| ID | Level               | Concentration | Rel. Resp.  | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|-------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0         | 1000.0    | 177682.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 10.0          | 4.218492    | 1000.0    | 174707.0    | 0.421849 | Y    |
| 3  | STD5 460-871602/5   | 50.0          | 26.855687   | 1000.0    | 176983.0    | 0.537114 | Y    |
| 4  | STD20 460-871602/6  | 200.0         | 101.765797  | 1000.0    | 181731.0    | 0.508829 | Y    |
| 5  | STD50 460-871602/7  | 500.0         | 291.460626  | 1000.0    | 201619.0    | 0.582921 | Y    |
| 6  | STD200 460-871602/8 | 2000.0        | 1009.834126 | 1000.0    | 204492.0    | 0.504917 | Y    |
| 7  | STD500 460-871602/9 | 5000.0        | 2808.579249 | 1000.0    | 207151.0    | 0.561716 | Y    |



# Calibration

/ Carbon disulfide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

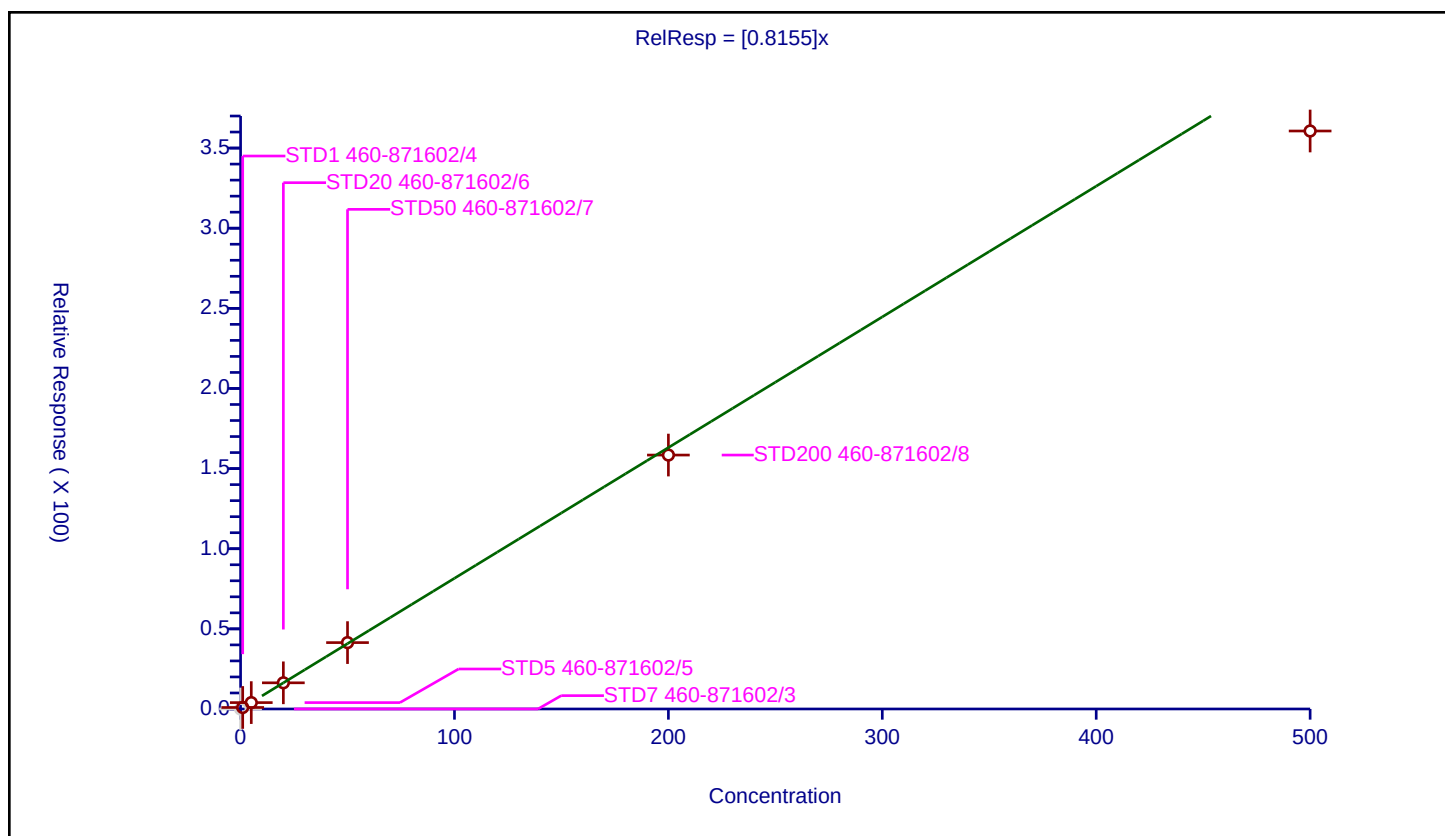
## Curve Coefficients

Intercept: 0  
 Slope: 0.8155

## Error Coefficients

Standard Error: 1740000  
 Relative Standard Error: 8.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.991

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.937213   | 50.0      | 439281.0    | 0.937213 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 3.985485   | 50.0      | 453872.0    | 0.797097 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 16.334587  | 50.0      | 460431.0    | 0.816729 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 41.431407  | 50.0      | 468525.0    | 0.828628 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 158.452901 | 50.0      | 471631.0    | 0.792265 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 360.656369 | 50.0      | 493259.0    | 0.721313 | Y    |



## Calibration

/ 3-Chloro-1-propene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

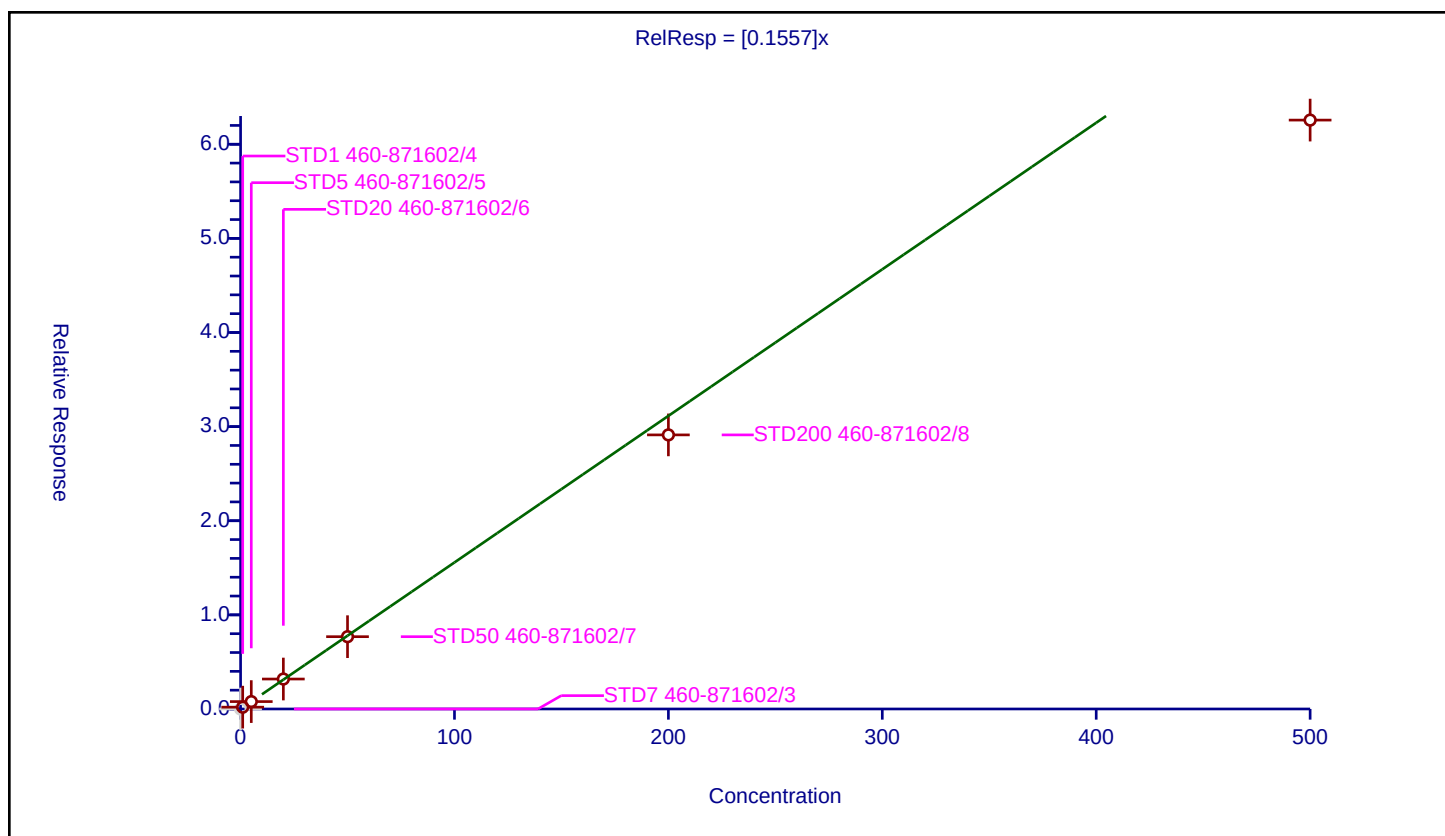
## Curve Coefficients

Intercept: 0  
Slope: 0.1557

## Error Coefficients

Standard Error: 304000  
Relative Standard Error: 14.3  
Correlation Coefficient: 0.998  
Coefficient of Determination (Adjusted): 0.974

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.193612   | 50.0      | 439281.0    | 0.193612 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 0.785243   | 50.0      | 453872.0    | 0.157049 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 3.183973   | 50.0      | 460431.0    | 0.159199 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 7.681981   | 50.0      | 468525.0    | 0.15364  | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 29.121707  | 50.0      | 471631.0    | 0.145609 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 62.566623  | 50.0      | 493259.0    | 0.125133 | Y    |



# Calibration

/ Methyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

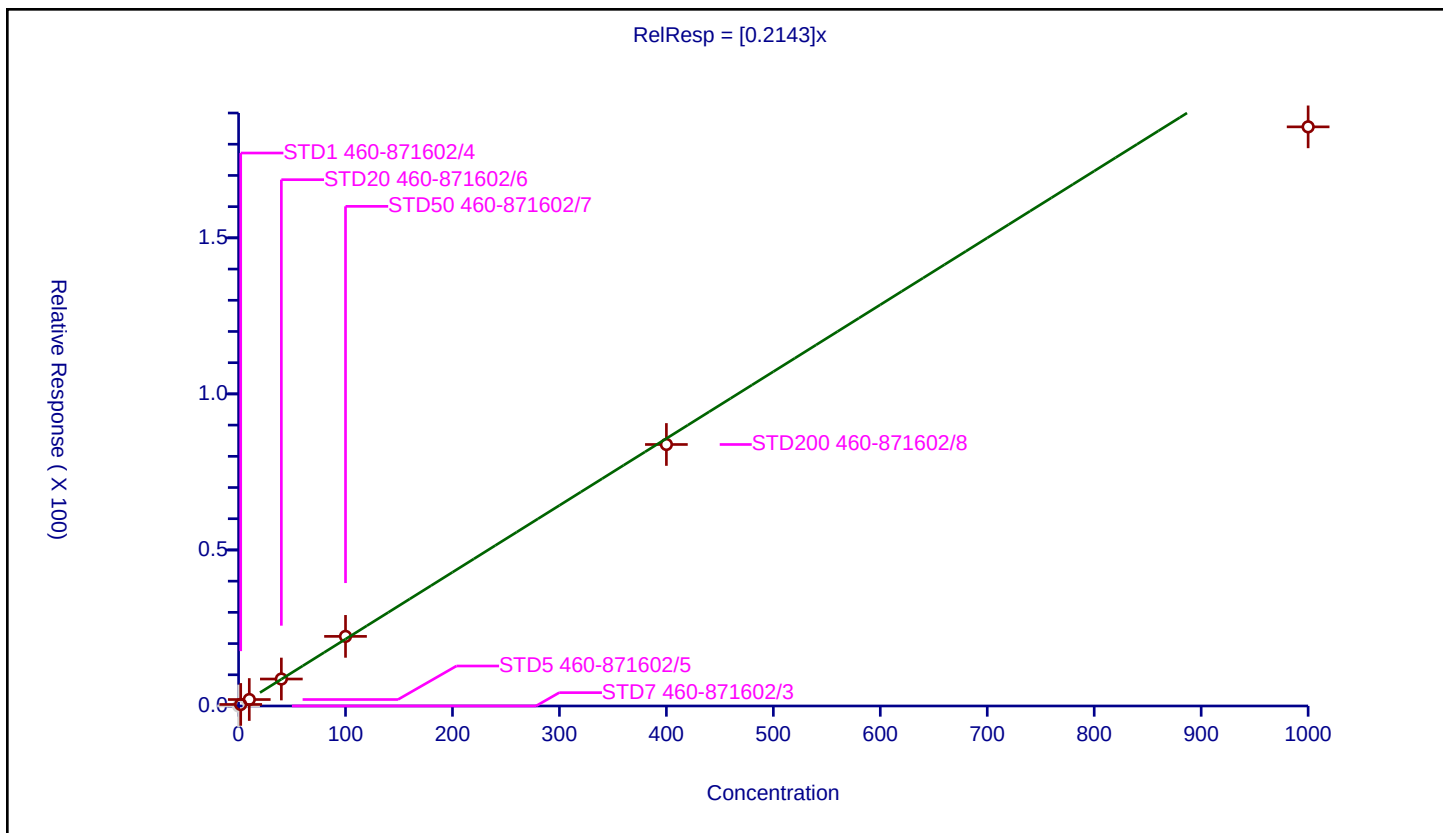
## Curve Coefficients

Intercept: 0  
 Slope: 0.2143

## Error Coefficients

Standard Error: 897000  
 Relative Standard Error: 9.1  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.990

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 2.0           | 0.488639   | 50.0      | 439281.0    | 0.24432  | Y    |
| 3  | STD5 460-871602/5   | 10.0          | 2.071289   | 50.0      | 453872.0    | 0.207129 | Y    |
| 4  | STD20 460-871602/6  | 40.0          | 8.639514   | 50.0      | 460431.0    | 0.215988 | Y    |
| 5  | STD50 460-871602/7  | 100.0         | 22.309589  | 50.0      | 468525.0    | 0.223096 | Y    |
| 6  | STD200 460-871602/8 | 400.0         | 83.791884  | 50.0      | 471631.0    | 0.20948  | Y    |
| 7  | STD500 460-871602/9 | 1000.0        | 185.561541 | 50.0      | 493259.0    | 0.185562 | Y    |



# Calibration

/ Acetonitrile

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

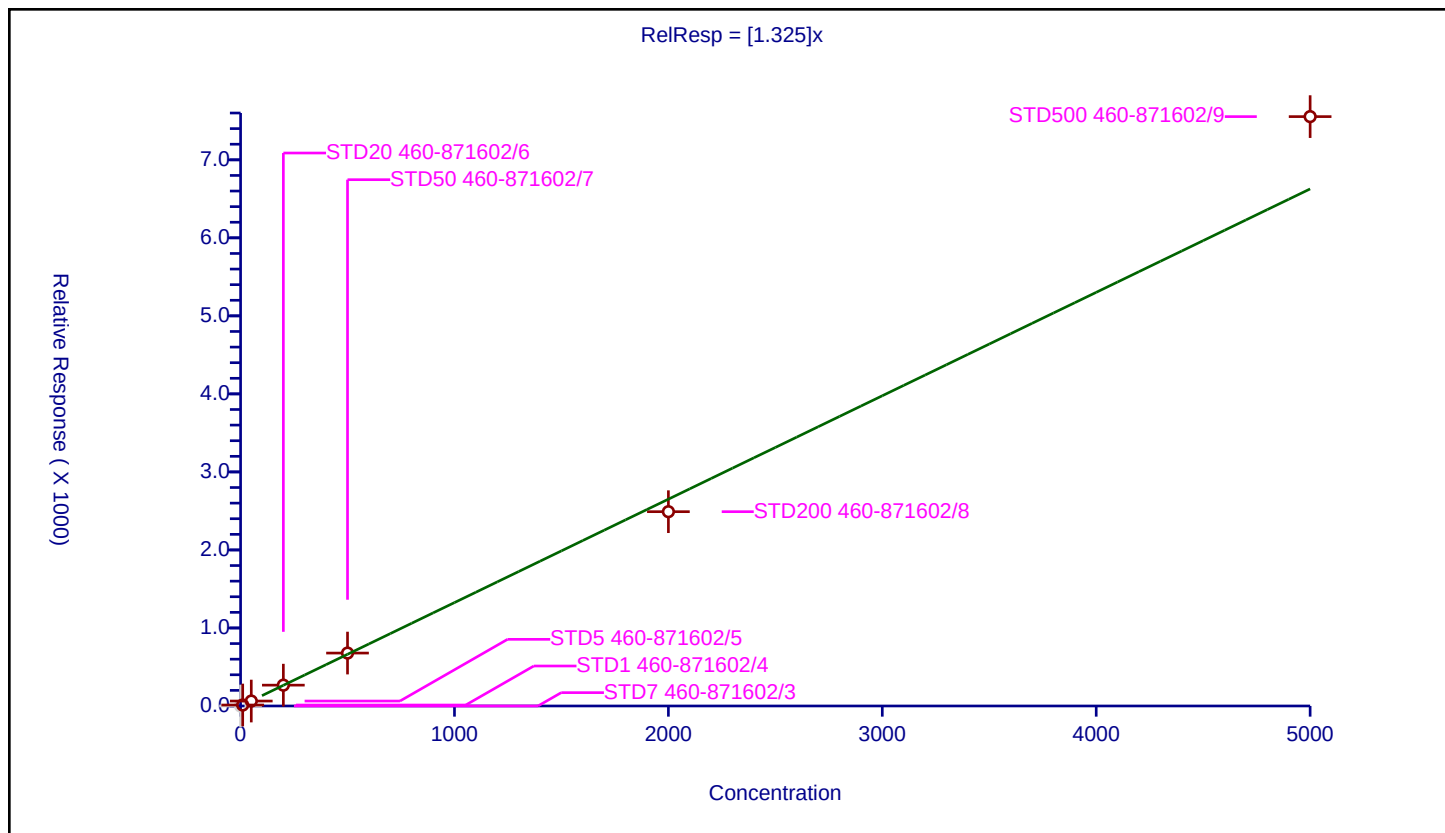
## Curve Coefficients

Intercept: 0  
 Slope: 1.325

## Error Coefficients

Standard Error: 736000  
 Relative Standard Error: 7.8  
 Correlation Coefficient: 0.995  
 Coefficient of Determination (Adjusted): 0.993

| ID | Level               | Concentration | Rel. Resp.  | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|-------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0         | 1000.0    | 177682.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 10.0          | 12.357833   | 1000.0    | 174707.0    | 1.235783 | Y    |
| 3  | STD5 460-871602/5   | 50.0          | 63.435471   | 1000.0    | 176983.0    | 1.268709 | Y    |
| 4  | STD20 460-871602/6  | 200.0         | 267.026539  | 1000.0    | 181731.0    | 1.335133 | Y    |
| 5  | STD50 460-871602/7  | 500.0         | 678.378526  | 1000.0    | 201619.0    | 1.356757 | Y    |
| 6  | STD200 460-871602/8 | 2000.0        | 2490.513076 | 1000.0    | 204492.0    | 1.245257 | Y    |
| 7  | STD500 460-871602/9 | 5000.0        | 7553.938914 | 1000.0    | 207151.0    | 1.510788 | Y    |



## Calibration

/ Methylene Chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

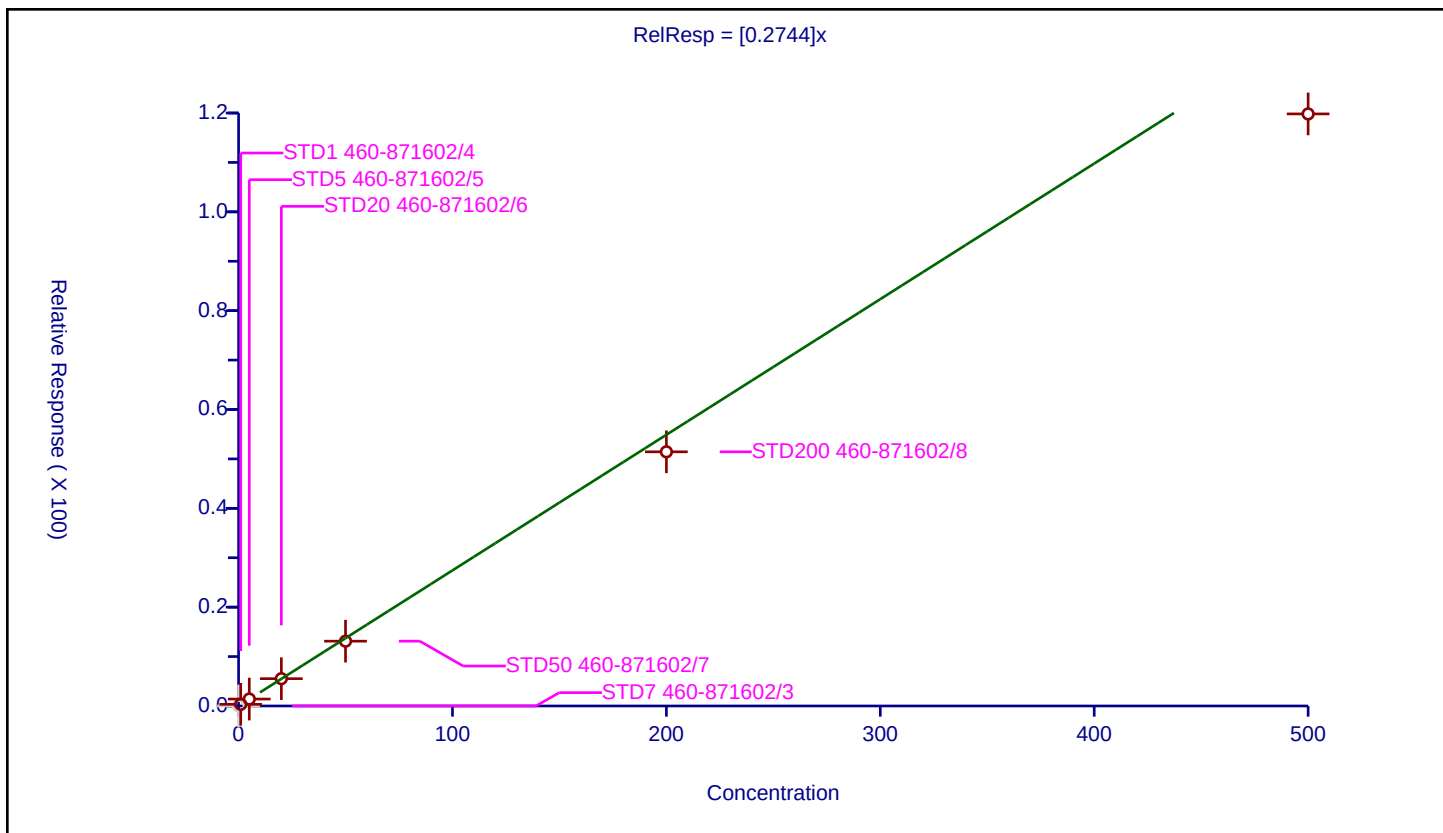
### Curve Coefficients

Intercept: 0  
 Slope: 0.2744

### Error Coefficients

Standard Error: 574000  
 Relative Standard Error: 11.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.984

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.329743   | 50.0      | 439281.0    | 0.329743 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.406894   | 50.0      | 453872.0    | 0.281379 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 5.526995   | 50.0      | 460431.0    | 0.27635  | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 13.116909  | 50.0      | 468525.0    | 0.262338 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 51.434384  | 50.0      | 471631.0    | 0.257172 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 119.819    | 50.0      | 493259.0    | 0.239638 | Y    |





# Calibration

/ 2-Methyl-2-propanol

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

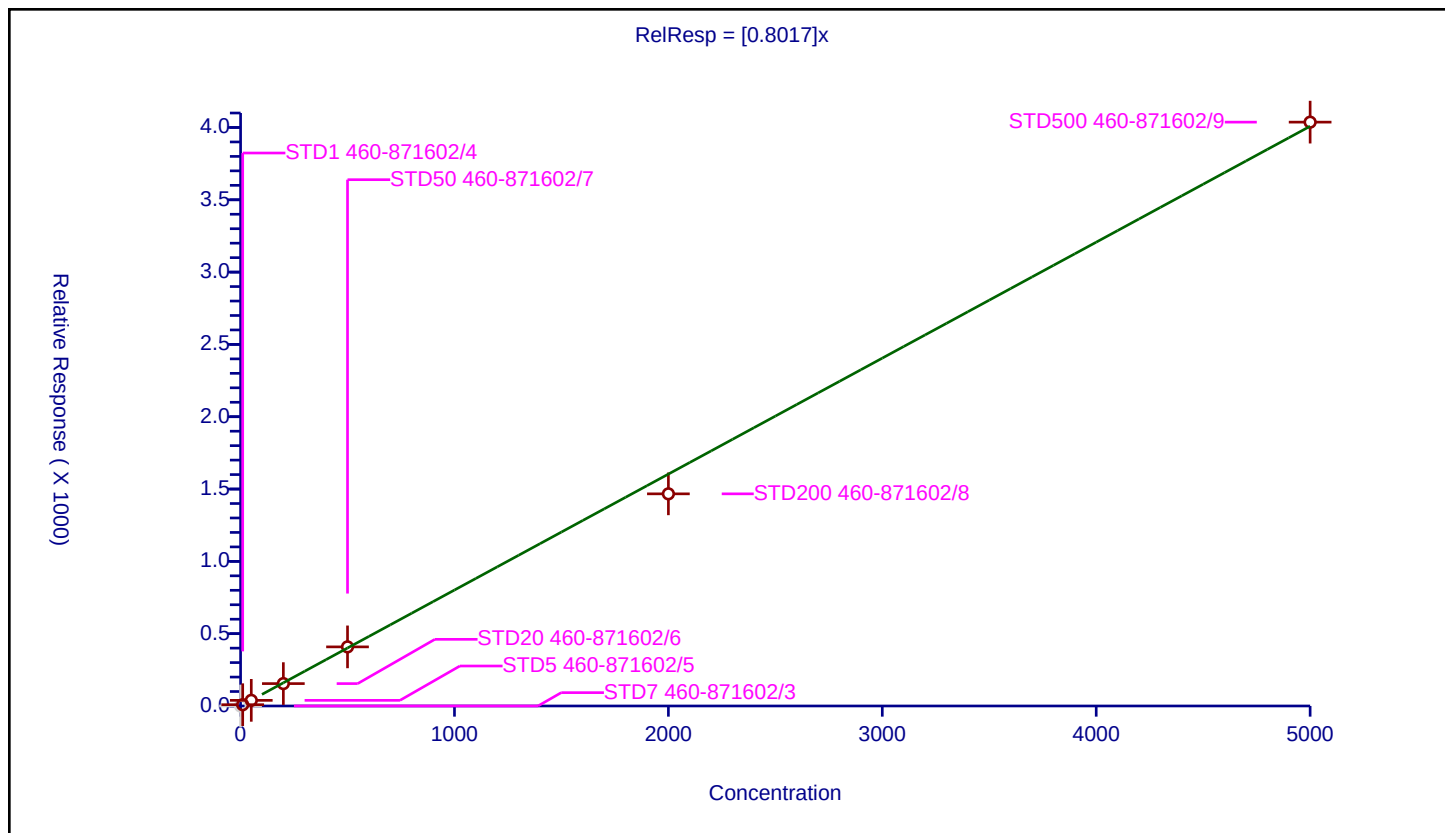
## Curve Coefficients

Intercept: 0  
 Slope: 0.8017

## Error Coefficients

Standard Error: 397000  
 Relative Standard Error: 7.0  
 Correlation Coefficient: 0.998  
 Coefficient of Determination (Adjusted): 0.994

| ID | Level               | Concentration | Rel. Resp.  | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|-------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0         | 1000.0    | 177682.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 10.0          | 8.997922    | 1000.0    | 174707.0    | 0.899792 | Y    |
| 3  | STD5 460-871602/5   | 50.0          | 38.918992   | 1000.0    | 176983.0    | 0.77838  | Y    |
| 4  | STD20 460-871602/6  | 200.0         | 154.783719  | 1000.0    | 181731.0    | 0.773919 | Y    |
| 5  | STD50 460-871602/7  | 500.0         | 408.71644   | 1000.0    | 201619.0    | 0.817433 | Y    |
| 6  | STD200 460-871602/8 | 2000.0        | 1466.854449 | 1000.0    | 204492.0    | 0.733427 | Y    |
| 7  | STD500 460-871602/9 | 5000.0        | 4036.847517 | 1000.0    | 207151.0    | 0.80737  | Y    |



# Calibration

/ Methyl tert-butyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

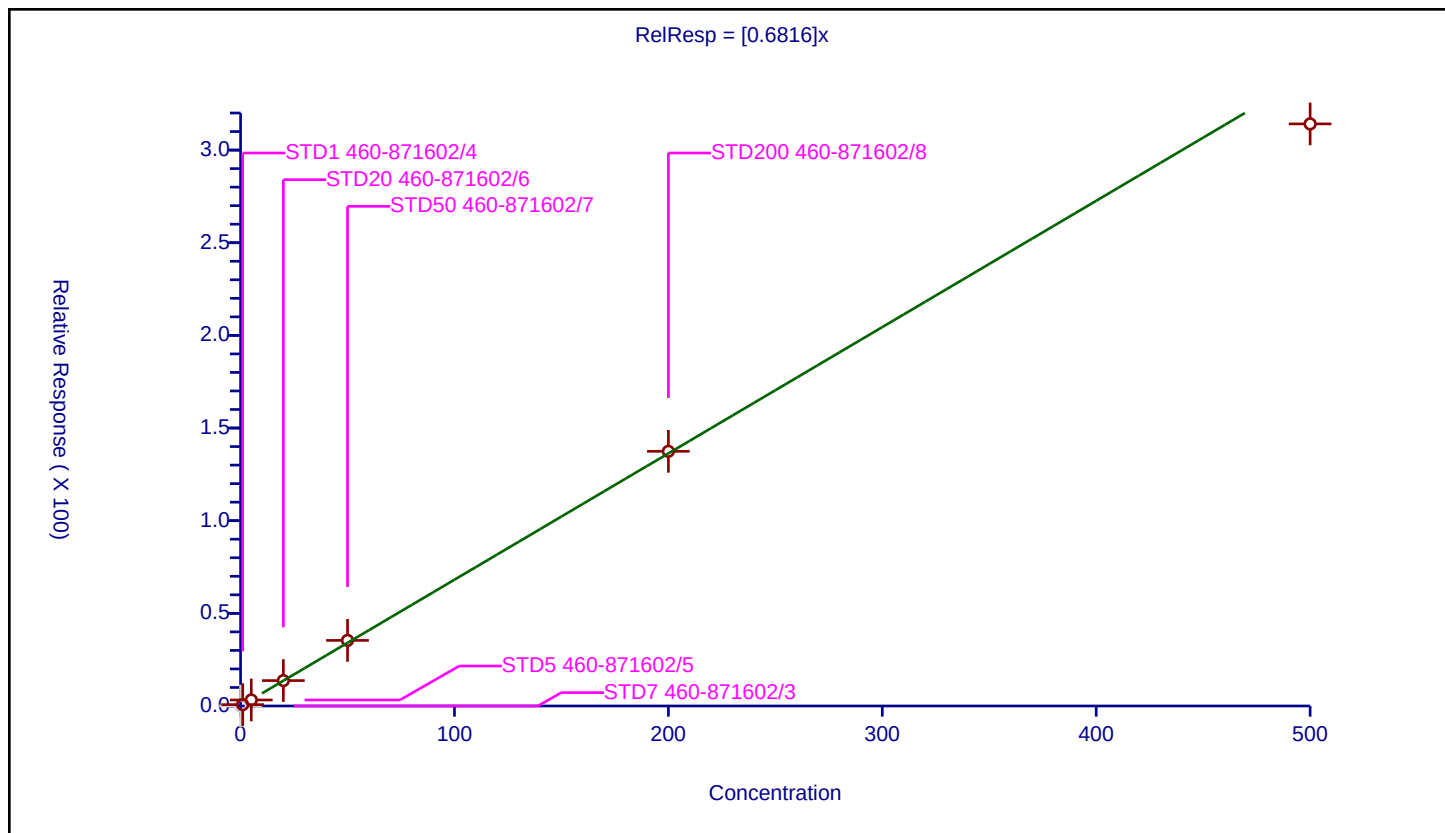
## Curve Coefficients

Intercept: 0  
 Slope: 0.6816

## Error Coefficients

Standard Error: 1510000  
 Relative Standard Error: 5.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.996

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.732561   | 50.0      | 439281.0    | 0.732561 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 3.240782   | 50.0      | 453872.0    | 0.648156 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 13.705962  | 50.0      | 460431.0    | 0.685298 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 35.395763  | 50.0      | 468525.0    | 0.707915 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 137.439545 | 50.0      | 471631.0    | 0.687198 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 314.1225   | 50.0      | 493259.0    | 0.628245 | Y    |



## Calibration

/ trans-1,2-Dichloroethene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

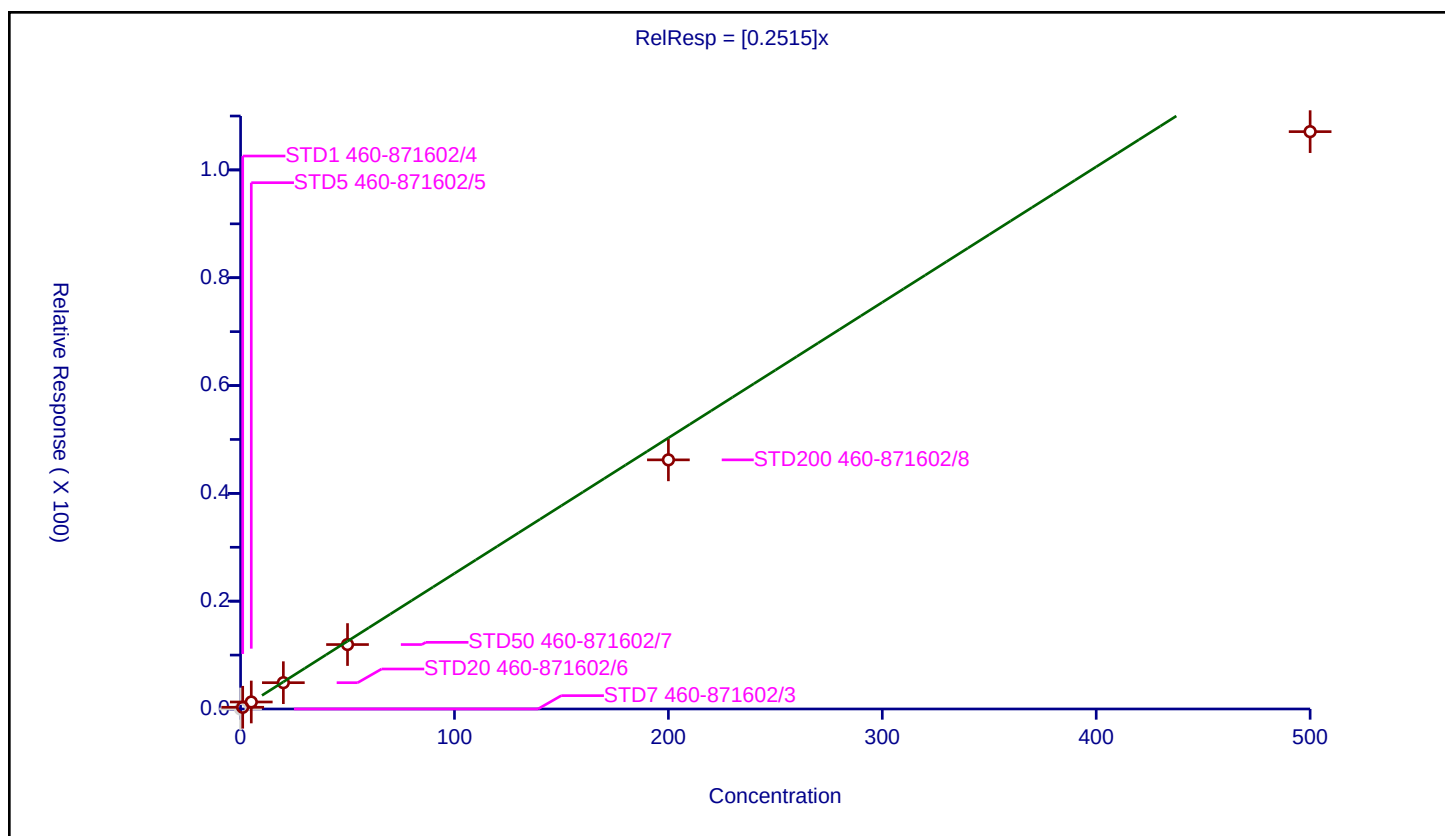
## Curve Coefficients

Intercept: 0  
Slope: 0.2515

## Error Coefficients

Standard Error: 514000  
Relative Standard Error: 14.7  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.971

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.320638   | 50.0      | 439281.0    | 0.320638 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.298714   | 50.0      | 453872.0    | 0.259743 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 4.880536   | 50.0      | 460431.0    | 0.244027 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 11.951657  | 50.0      | 468525.0    | 0.239033 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 46.214837  | 50.0      | 471631.0    | 0.231074 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 107.100225 | 50.0      | 493259.0    | 0.2142   | Y    |



## Calibration

/ Acrylonitrile

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

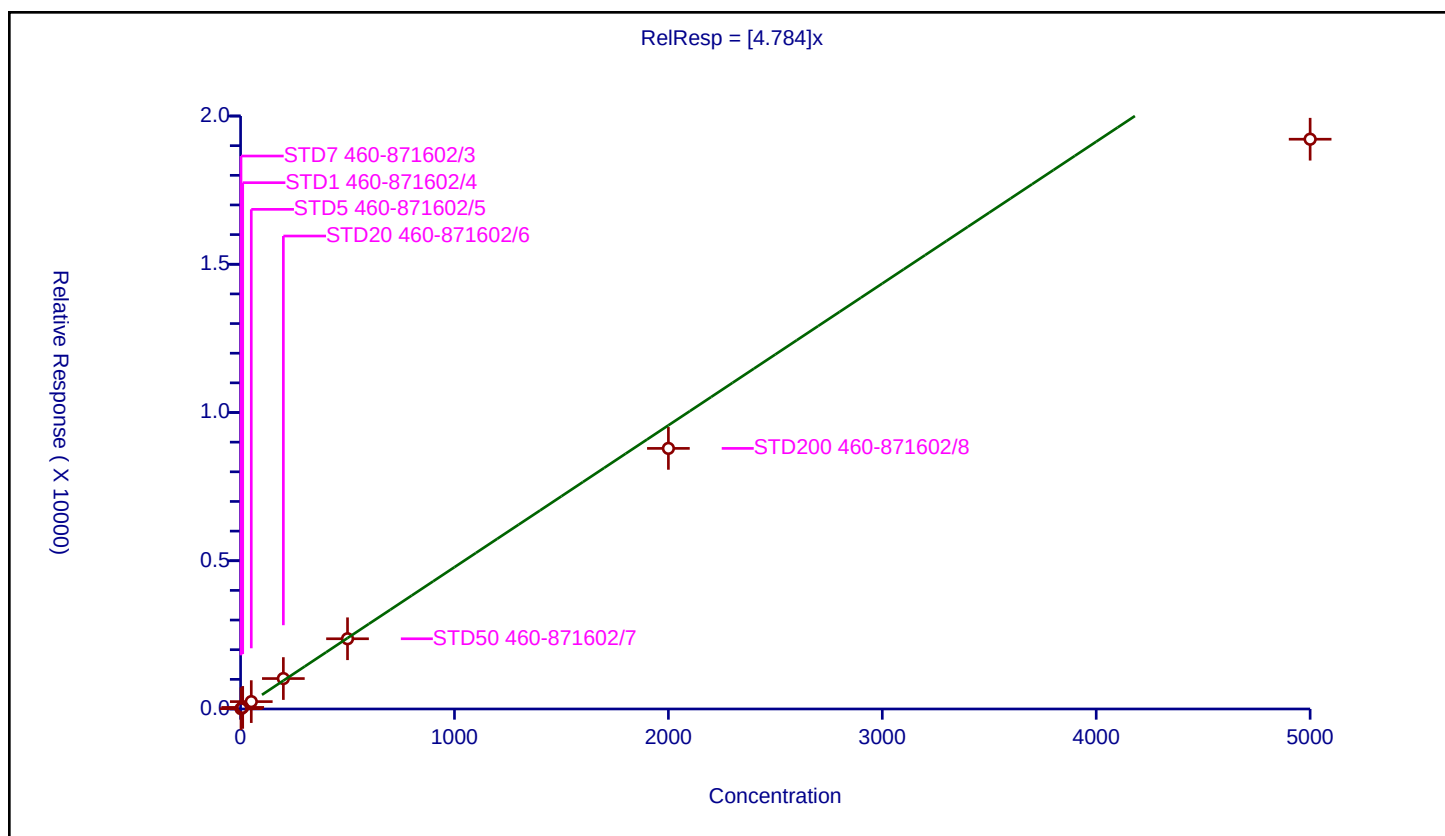
## Curve Coefficients

**Intercept:** 0  
**Slope:** 4.784

## Error Coefficients

**Standard Error:** 1780000  
**Relative Standard Error:** 10.7  
**Correlation Coefficient:** 0.997  
**Coefficient of Determination (Adjusted):** 0.987

| ID | Level               | Concentration | Rel. Resp.   | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|--------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 2.0           | 10.164226    | 1000.0    | 177682.0    | 5.082113 | Y    |
| 2  | STD1 460-871602/4   | 10.0          | 53.163296    | 1000.0    | 174707.0    | 5.31633  | Y    |
| 3  | STD5 460-871602/5   | 50.0          | 249.006967   | 1000.0    | 176983.0    | 4.980139 | Y    |
| 4  | STD20 460-871602/6  | 200.0         | 1026.379649  | 1000.0    | 181731.0    | 5.131898 | Y    |
| 5  | STD50 460-871602/7  | 500.0         | 2368.288703  | 1000.0    | 201619.0    | 4.736577 | Y    |
| 6  | STD200 460-871602/8 | 2000.0        | 8789.375623  | 1000.0    | 204492.0    | 4.394688 | Y    |
| 7  | STD500 460-871602/9 | 5000.0        | 19217.725234 | 1000.0    | 207151.0    | 3.843545 | Y    |



# Calibration

/ Hexane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

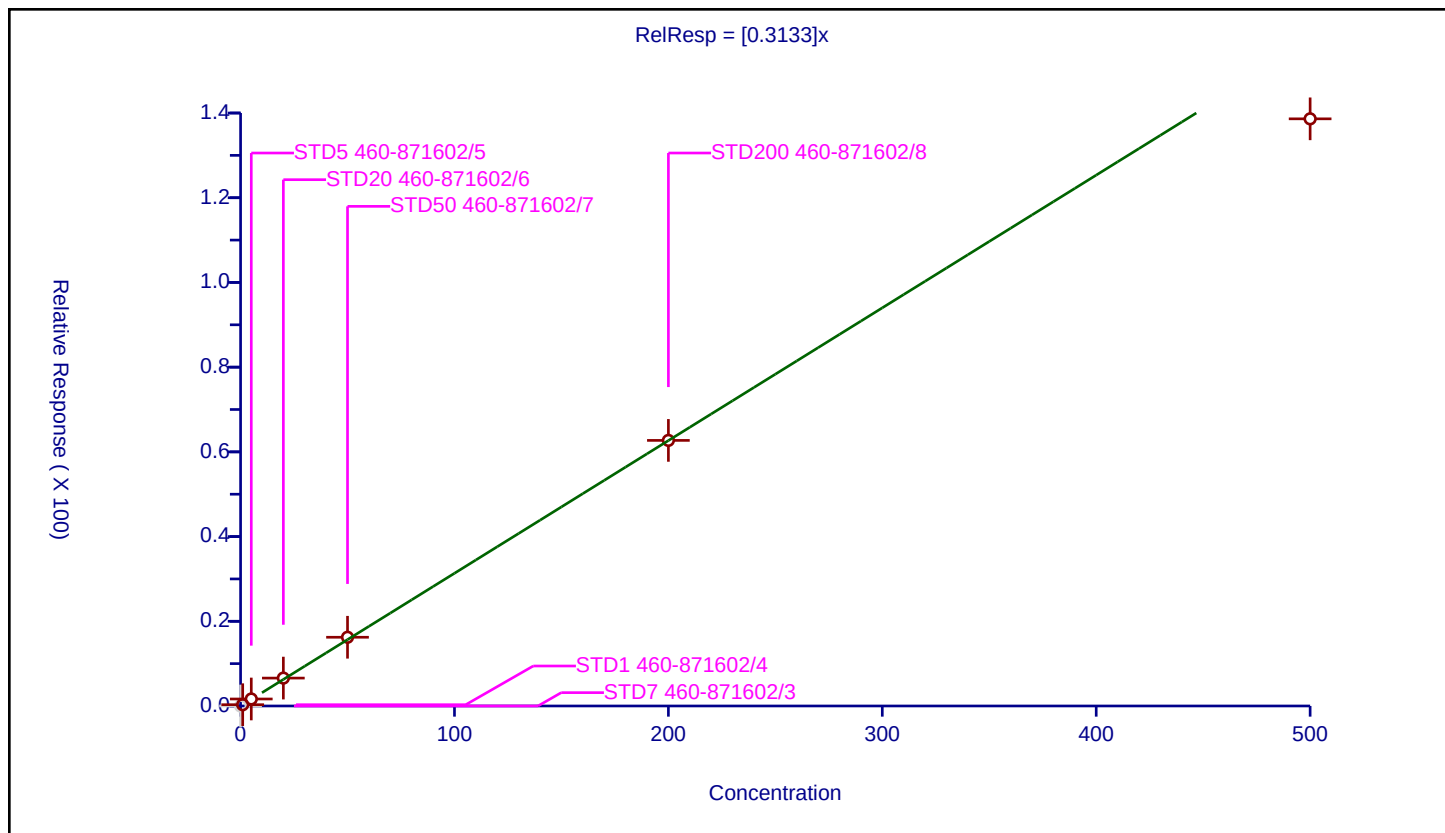
## Curve Coefficients

Intercept: 0  
Slope: 0.3133

## Error Coefficients

Standard Error: 670000  
Relative Standard Error: 6.4  
Correlation Coefficient: 0.999  
Coefficient of Determination (Adjusted): 0.995

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.305158   | 50.0      | 439281.0    | 0.305158 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.650796   | 50.0      | 453872.0    | 0.330159 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 6.588066   | 50.0      | 460431.0    | 0.329403 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 16.227843  | 50.0      | 468525.0    | 0.324557 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 62.70559   | 50.0      | 471631.0    | 0.313528 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 138.625347 | 50.0      | 493259.0    | 0.277251 | Y    |



# Calibration

/ Isopropyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

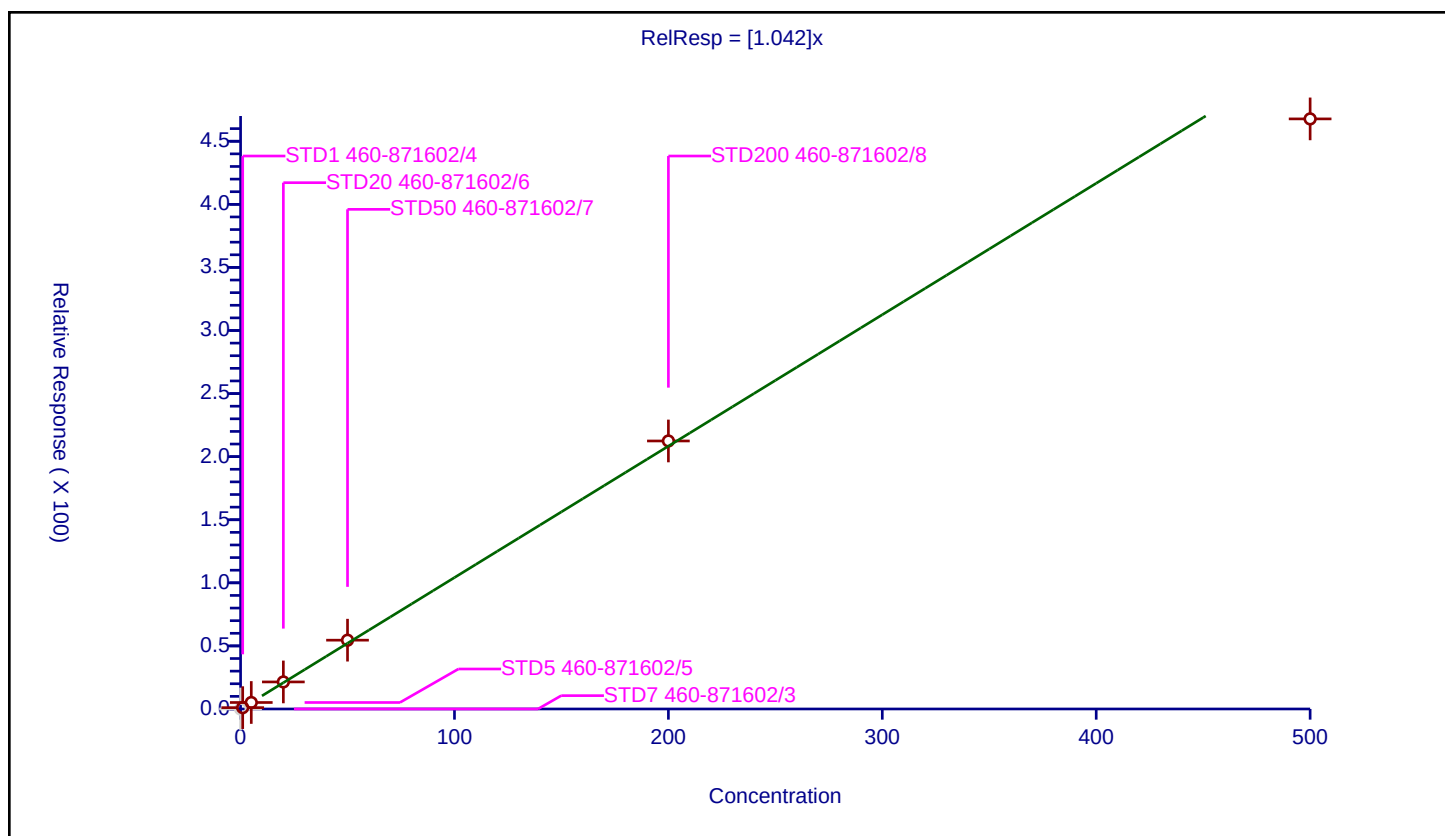
## Curve Coefficients

Intercept: 0  
 Slope: 1.042

## Error Coefficients

Standard Error: 2260000  
 Relative Standard Error: 5.4  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.997

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 1.06219    | 50.0      | 439281.0    | 1.06219  | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 5.137131   | 50.0      | 453872.0    | 1.027426 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 21.446645  | 50.0      | 460431.0    | 1.072332 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 54.531775  | 50.0      | 468525.0    | 1.090636 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 212.432283 | 50.0      | 471631.0    | 1.062161 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 467.719291 | 50.0      | 493259.0    | 0.935439 | Y    |



# Calibration

/ 1,1-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

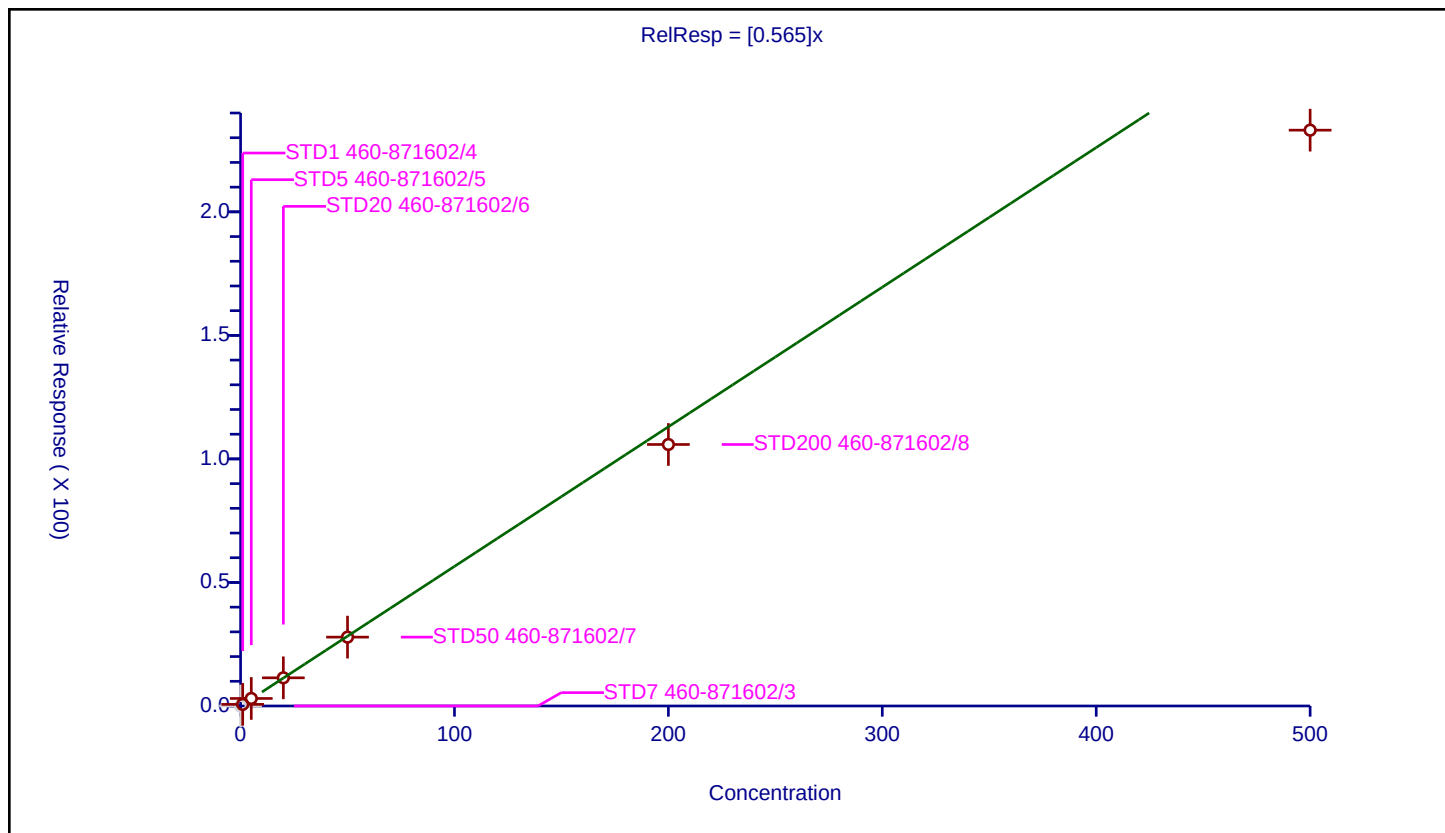
## Curve Coefficients

Intercept: 0  
 Slope: 0.565

## Error Coefficients

Standard Error: 1130000  
 Relative Standard Error: 11.7  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.983

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.658007   | 50.0      | 439281.0    | 0.658007 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 3.047225   | 50.0      | 453872.0    | 0.609445 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 11.398885  | 50.0      | 460431.0    | 0.569944 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 27.874927  | 50.0      | 468525.0    | 0.557499 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 105.840795 | 50.0      | 471631.0    | 0.529204 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 233.059711 | 50.0      | 493259.0    | 0.466119 | Y    |



# Calibration

/ Vinyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

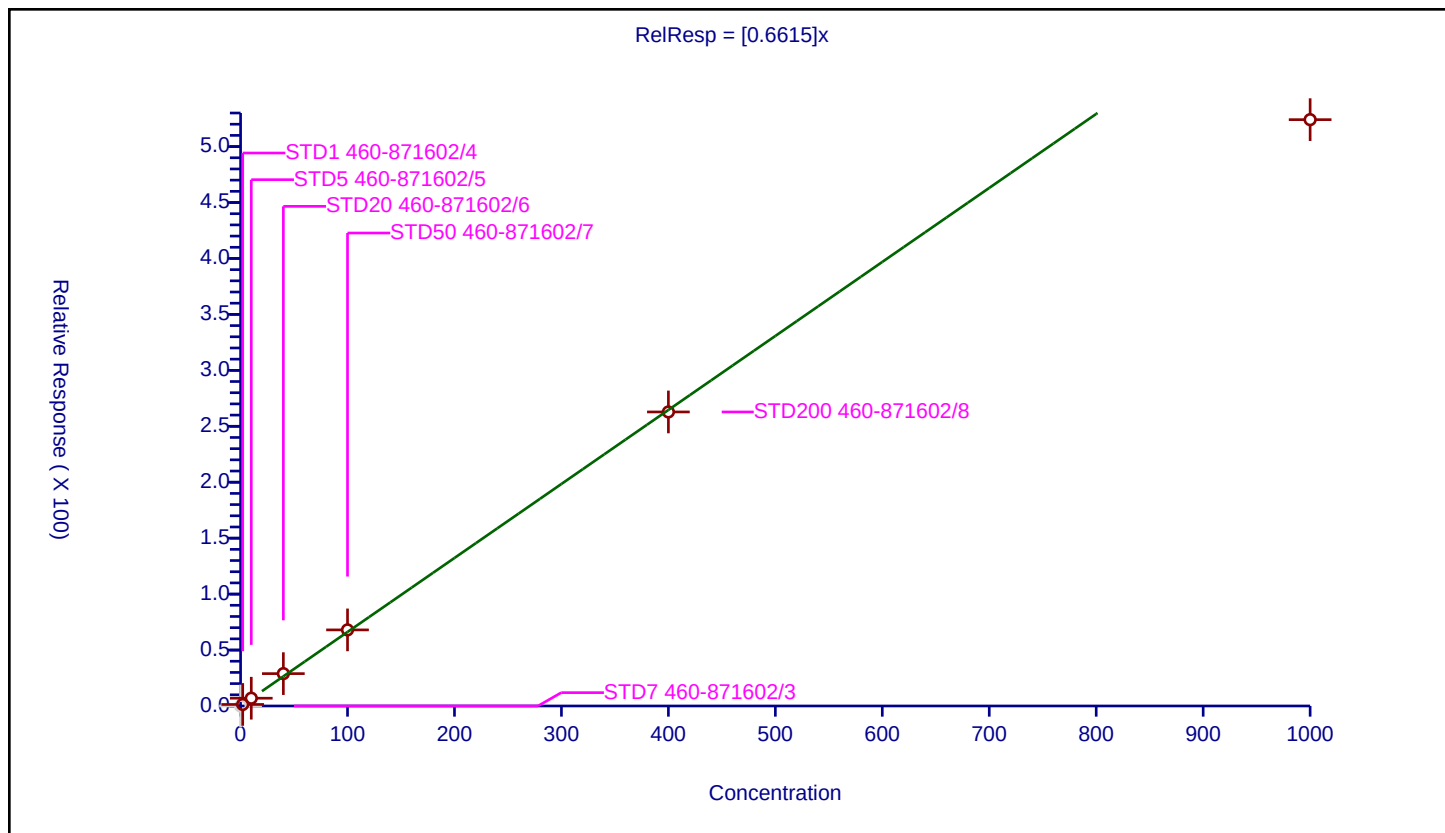
## Curve Coefficients

Intercept: 0  
 Slope: 0.6615

## Error Coefficients

Standard Error: 2580000  
 Relative Standard Error: 10.7  
 Correlation Coefficient: 0.994  
 Coefficient of Determination (Adjusted): 0.987

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 2.0           | 1.381121   | 50.0      | 439281.0    | 0.69056  | Y    |
| 3  | STD5 460-871602/5   | 10.0          | 6.939512   | 50.0      | 453872.0    | 0.693951 | Y    |
| 4  | STD20 460-871602/6  | 40.0          | 28.931154  | 50.0      | 460431.0    | 0.723279 | Y    |
| 5  | STD50 460-871602/7  | 100.0         | 68.006083  | 50.0      | 468525.0    | 0.680061 | Y    |
| 6  | STD200 460-871602/8 | 400.0         | 262.82157  | 50.0      | 471631.0    | 0.657054 | Y    |
| 7  | STD500 460-871602/9 | 1000.0        | 524.059673 | 50.0      | 493259.0    | 0.52406  | Y    |





# Calibration

/ 2,2-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

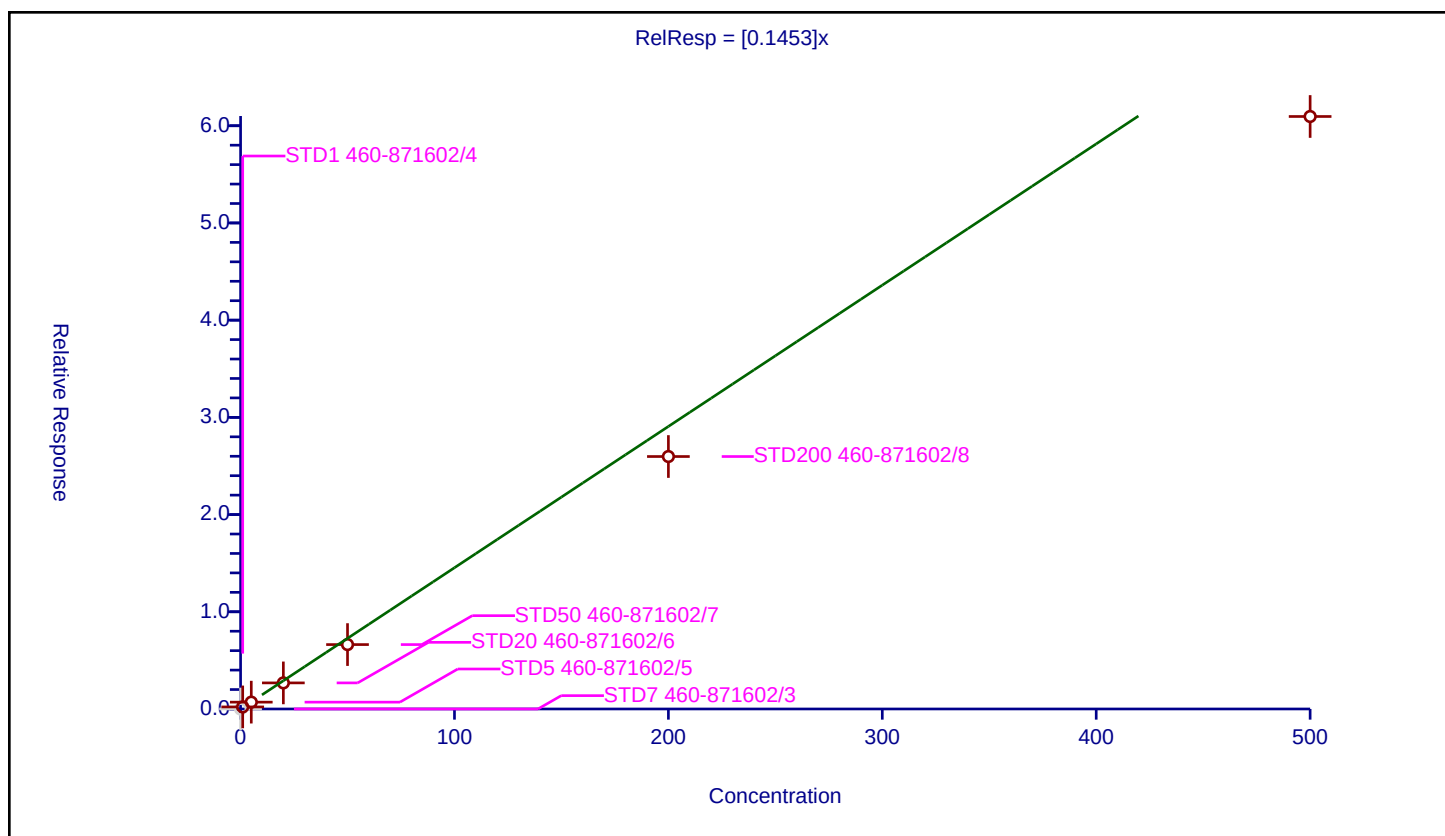
## Curve Coefficients

Intercept: 0  
 Slope: 0.1453

## Error Coefficients

Standard Error: 292000  
 Relative Standard Error: 23.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.922

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.212734   | 50.0      | 439281.0    | 0.212734 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 0.704163   | 50.0      | 453872.0    | 0.140833 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 2.682921   | 50.0      | 460431.0    | 0.134146 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 6.625153   | 50.0      | 468525.0    | 0.132503 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 25.971363  | 50.0      | 471631.0    | 0.129857 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 60.950839  | 50.0      | 493259.0    | 0.121902 | Y    |



# Calibration

/ cis-1,2-Dichloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

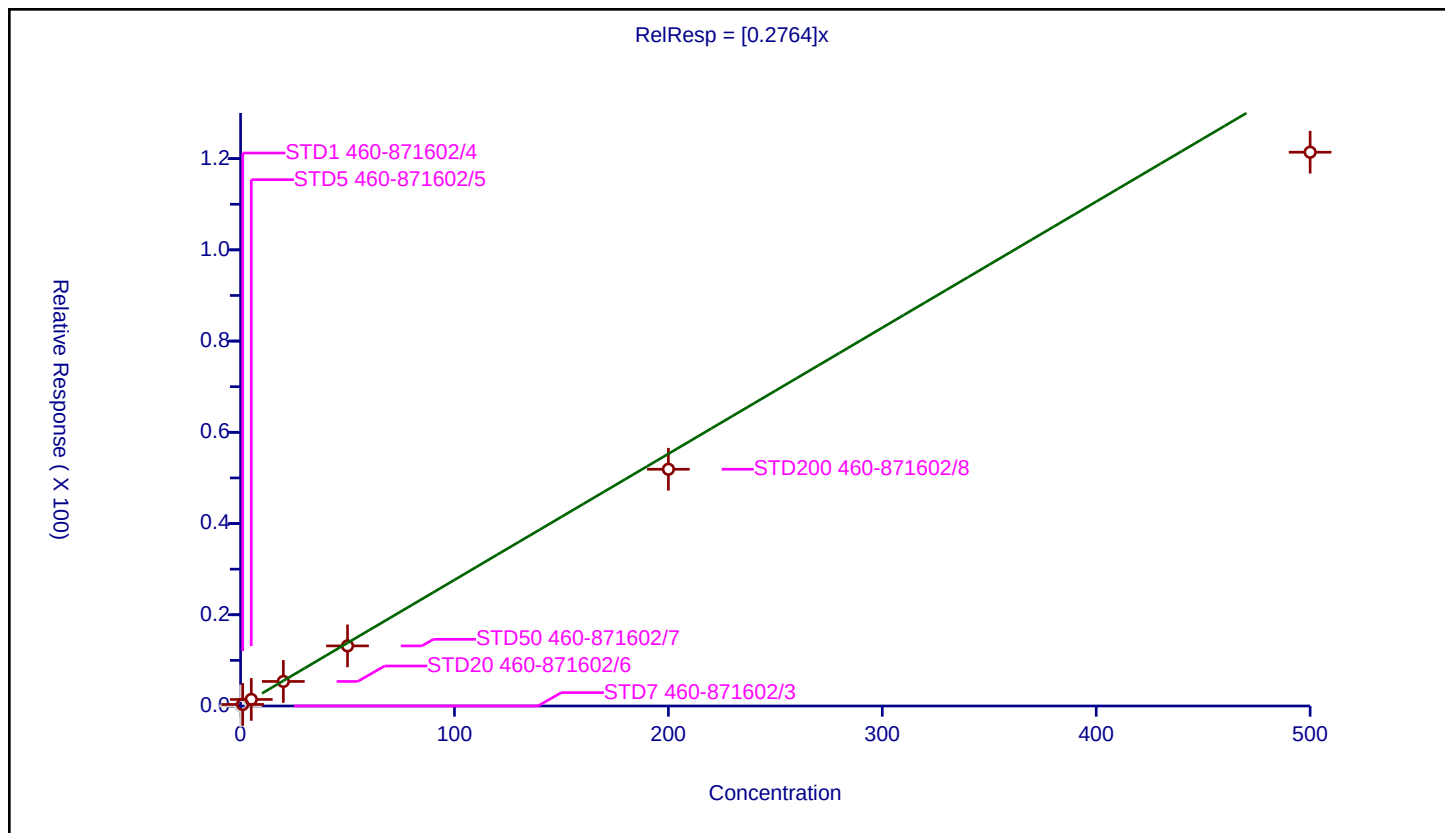
## Curve Coefficients

Intercept: 0  
 Slope: 0.2764

## Error Coefficients

Standard Error: 582000  
 Relative Standard Error: 11.9  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.982

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.337256   | 50.0      | 439281.0    | 0.337256 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.432562   | 50.0      | 453872.0    | 0.286512 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 5.380611   | 50.0      | 460431.0    | 0.269031 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 13.175498  | 50.0      | 468525.0    | 0.26351  | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 51.90032   | 50.0      | 471631.0    | 0.259502 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 121.408327 | 50.0      | 493259.0    | 0.242817 | Y    |



## Calibration

/ 2-Butanone (MEK)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

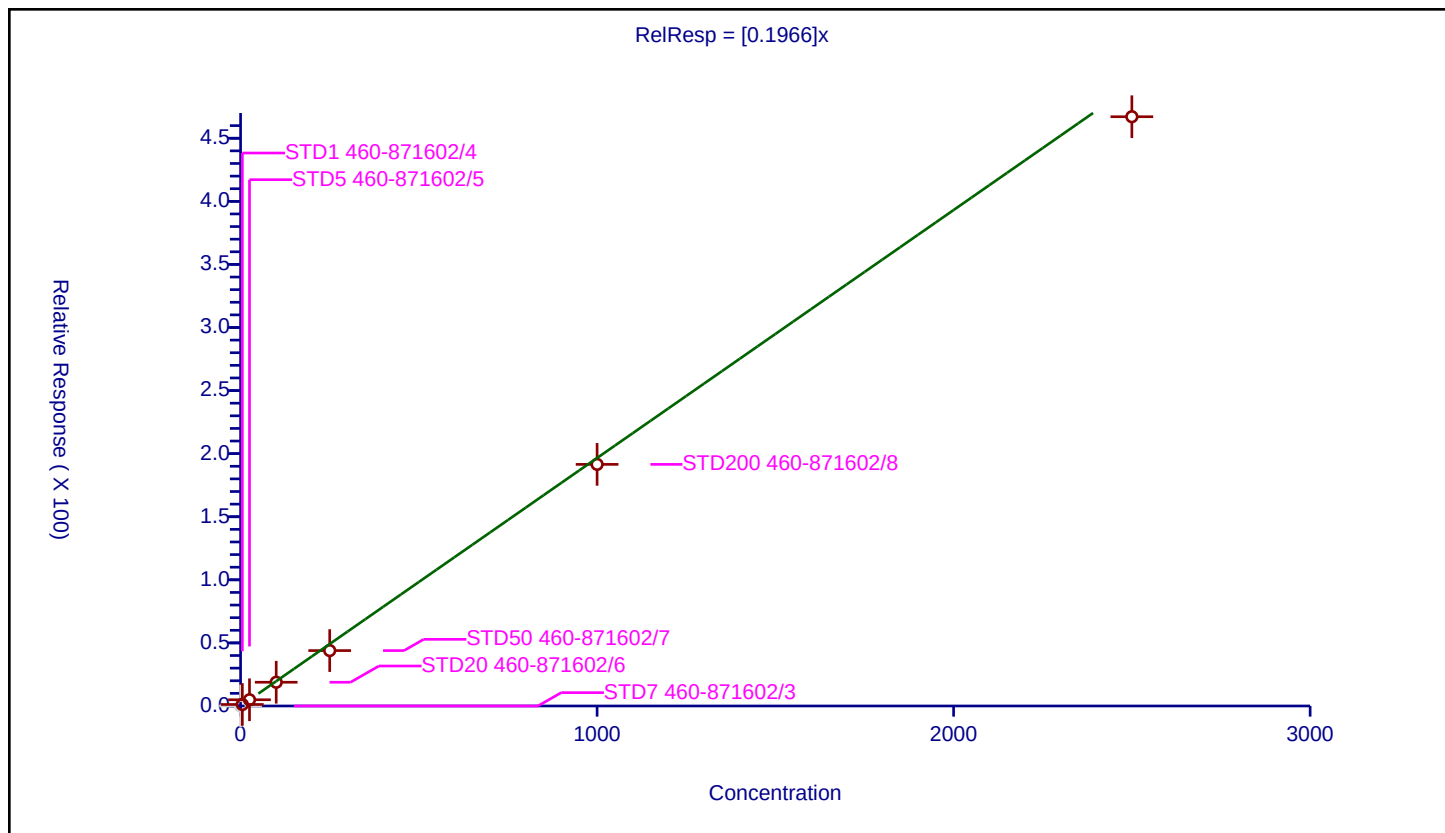
### Curve Coefficients

Intercept: 0  
 Slope: 0.1966

### Error Coefficients

Standard Error: 282000  
 Relative Standard Error: 11.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.984

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 250.0     | 260052.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 5.0           | 1.198349   | 250.0     | 261610.0    | 0.23967  | Y    |
| 3  | STD5 460-871602/5   | 25.0          | 4.937263   | 250.0     | 270494.0    | 0.197491 | Y    |
| 4  | STD20 460-871602/6  | 100.0         | 18.819975  | 250.0     | 285282.0    | 0.1882   | Y    |
| 5  | STD50 460-871602/7  | 250.0         | 43.911295  | 250.0     | 308867.0    | 0.175645 | Y    |
| 6  | STD200 460-871602/8 | 1000.0        | 191.509527 | 250.0     | 314688.0    | 0.19151  | Y    |
| 7  | STD500 460-871602/9 | 2500.0        | 467.065955 | 250.0     | 309968.0    | 0.186826 | Y    |



# Calibration

/ Ethyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

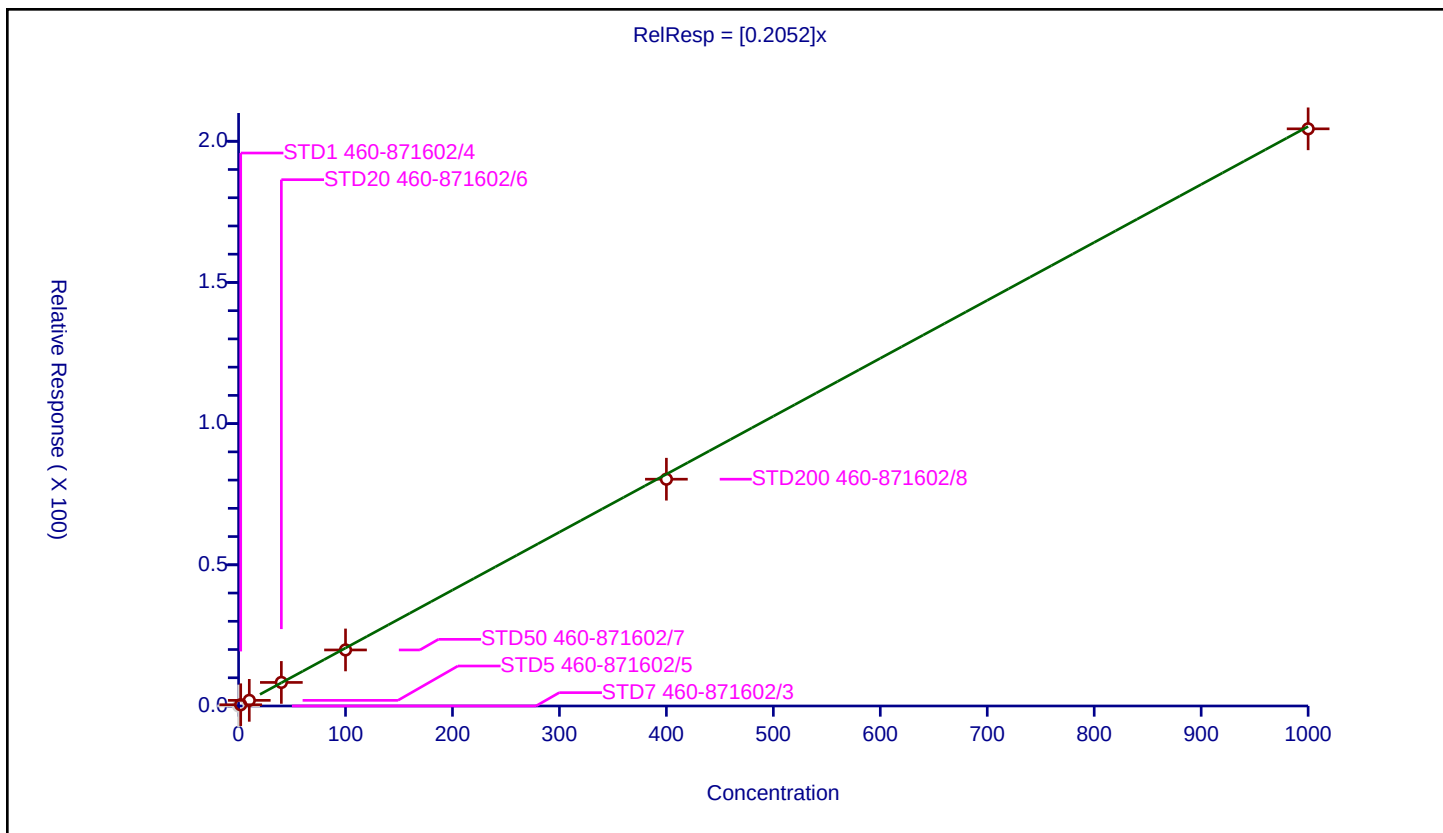
## Curve Coefficients

Intercept: 0  
 Slope: 0.2052

## Error Coefficients

Standard Error: 122000  
 Relative Standard Error: 3.9  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 250.0     | 260052.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 2.0           | 0.439586   | 250.0     | 261610.0    | 0.219793 | Y    |
| 3  | STD5 460-871602/5   | 10.0          | 1.993575   | 250.0     | 270494.0    | 0.199357 | Y    |
| 4  | STD20 460-871602/6  | 40.0          | 8.339117   | 250.0     | 285282.0    | 0.208478 | Y    |
| 5  | STD50 460-871602/7  | 100.0         | 19.849968  | 250.0     | 308867.0    | 0.1985   | Y    |
| 6  | STD200 460-871602/8 | 400.0         | 80.312087  | 250.0     | 314688.0    | 0.20078  | Y    |
| 7  | STD500 460-871602/9 | 1000.0        | 204.403358 | 250.0     | 309968.0    | 0.204403 | Y    |



# Calibration

/ Chlorobromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

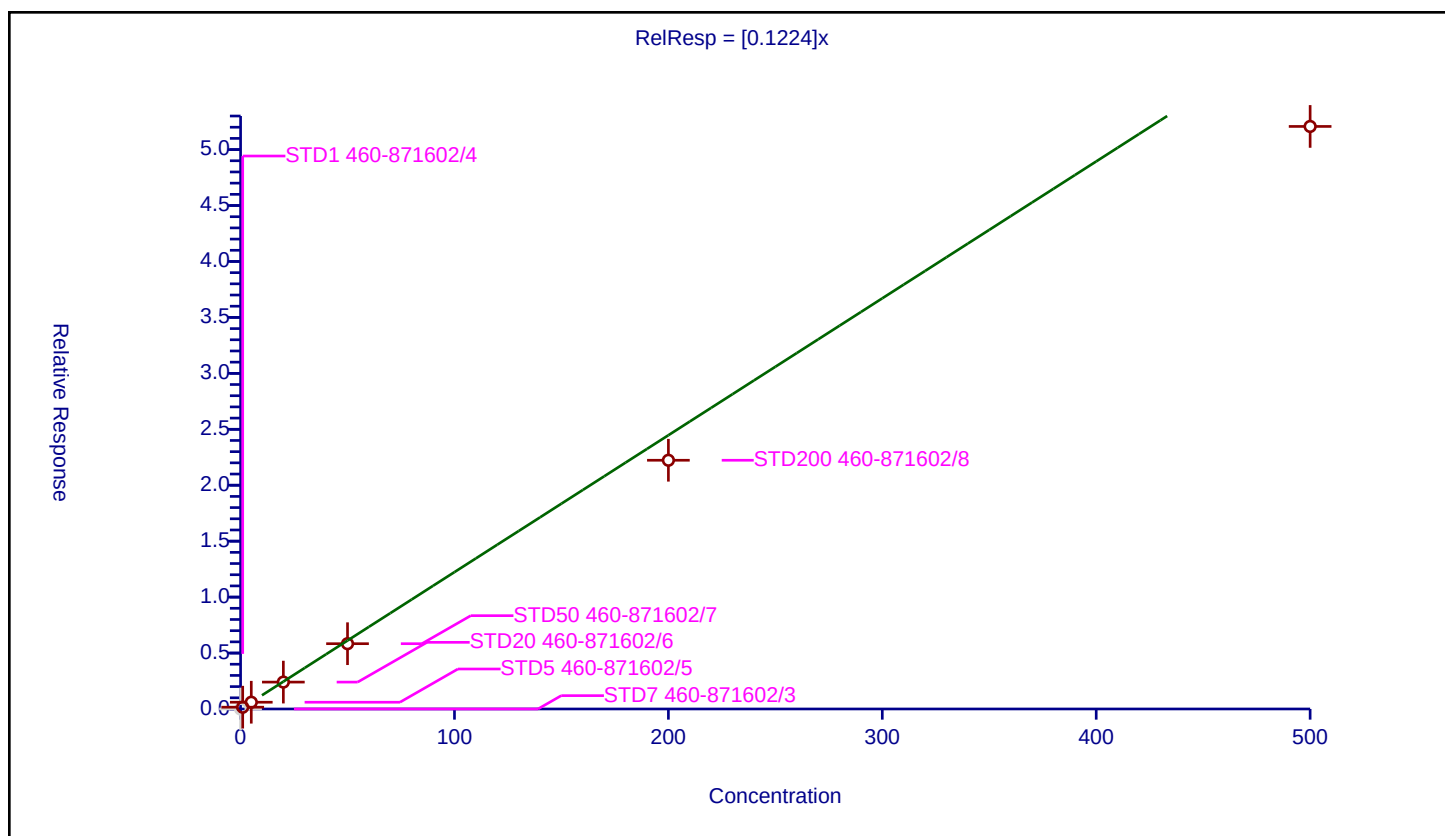
## Curve Coefficients

Intercept: 0  
 Slope: 0.1224

## Error Coefficients

Standard Error: 250000  
 Relative Standard Error: 16.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.964

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.161059   | 50.0      | 439281.0    | 0.161059 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 0.604245   | 50.0      | 453872.0    | 0.120849 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 2.404052   | 50.0      | 460431.0    | 0.120203 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 5.835548   | 50.0      | 468525.0    | 0.116711 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 22.231469  | 50.0      | 471631.0    | 0.111157 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 52.067271  | 50.0      | 493259.0    | 0.104135 | Y    |



# Calibration

/ Tetrahydrofuran

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

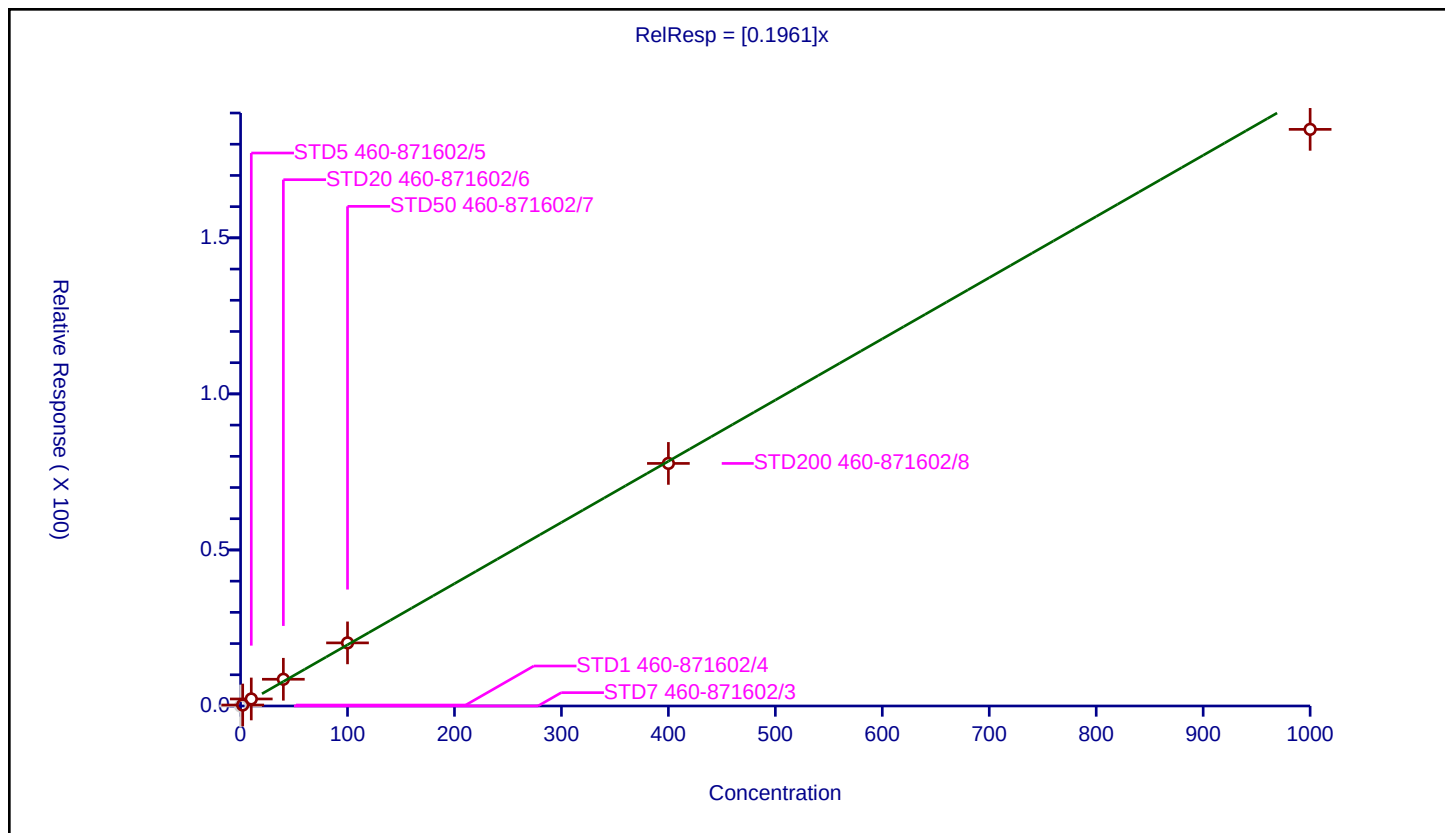
## Curve Coefficients

Intercept: 0  
 Slope: 0.1961

## Error Coefficients

Standard Error: 112000  
 Relative Standard Error: 12.4  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.984

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 250.0     | 260052.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 2.0           | 0.311532   | 250.0     | 261610.0    | 0.155766 | Y    |
| 3  | STD5 460-871602/5   | 10.0          | 2.25236    | 250.0     | 270494.0    | 0.225236 | Y    |
| 4  | STD20 460-871602/6  | 40.0          | 8.56258    | 250.0     | 285282.0    | 0.214065 | Y    |
| 5  | STD50 460-871602/7  | 100.0         | 20.21744   | 250.0     | 308867.0    | 0.202174 | Y    |
| 6  | STD200 460-871602/8 | 400.0         | 77.727781  | 250.0     | 314688.0    | 0.194319 | Y    |
| 7  | STD500 460-871602/9 | 1000.0        | 184.761008 | 250.0     | 309968.0    | 0.184761 | Y    |



# Calibration

/ Chloroform

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

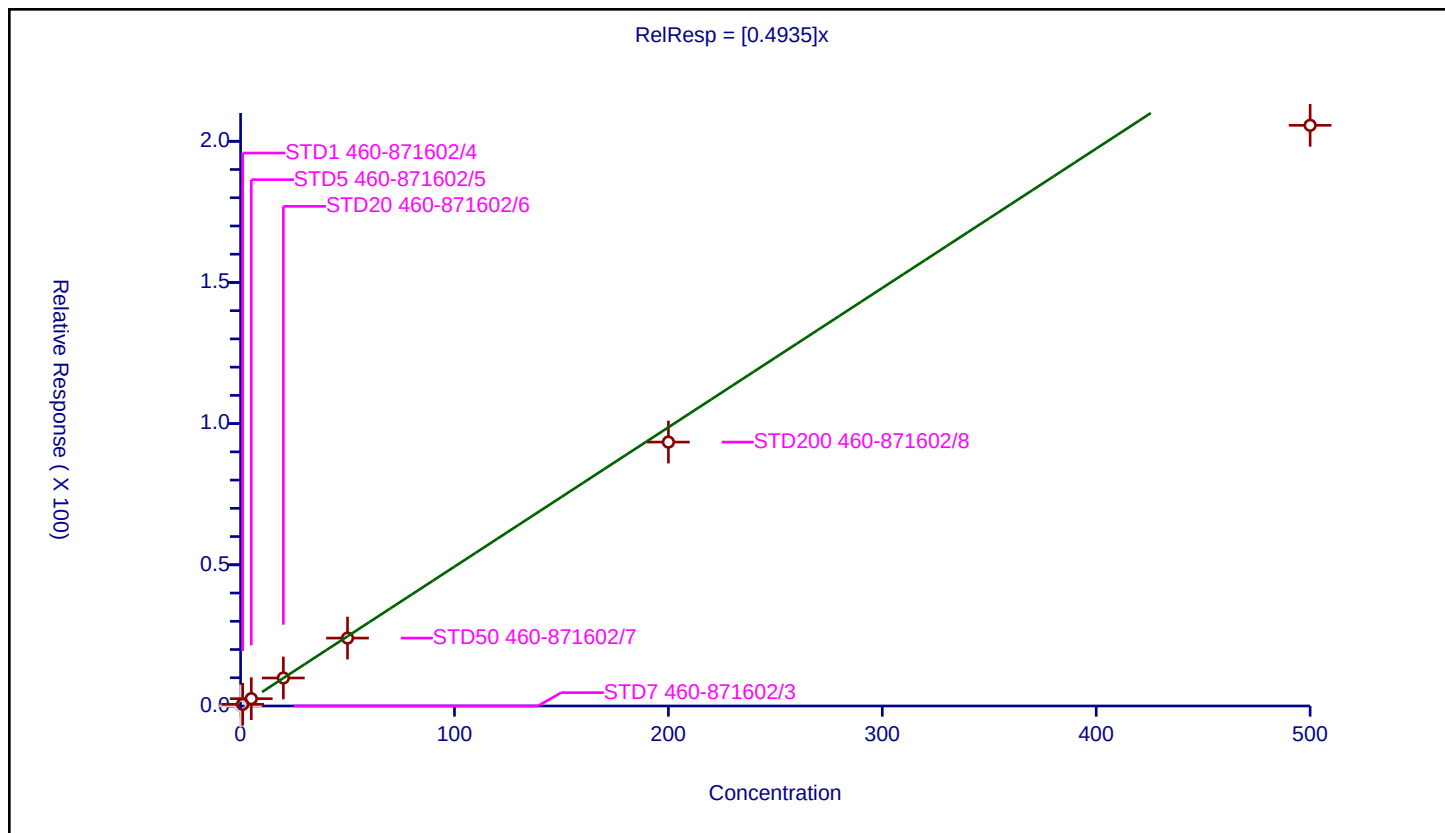
## Curve Coefficients

Intercept: 0  
 Slope: 0.4935

## Error Coefficients

Standard Error: 995000  
 Relative Standard Error: 11.8  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.982

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.58721    | 50.0      | 439281.0    | 0.58721  | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 2.589937   | 50.0      | 453872.0    | 0.517987 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 9.922225   | 50.0      | 460431.0    | 0.496111 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 24.046849  | 50.0      | 468525.0    | 0.480937 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 93.461414  | 50.0      | 471631.0    | 0.467307 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 205.64602  | 50.0      | 493259.0    | 0.411292 | Y    |



## Calibration

/ Cyclohexane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

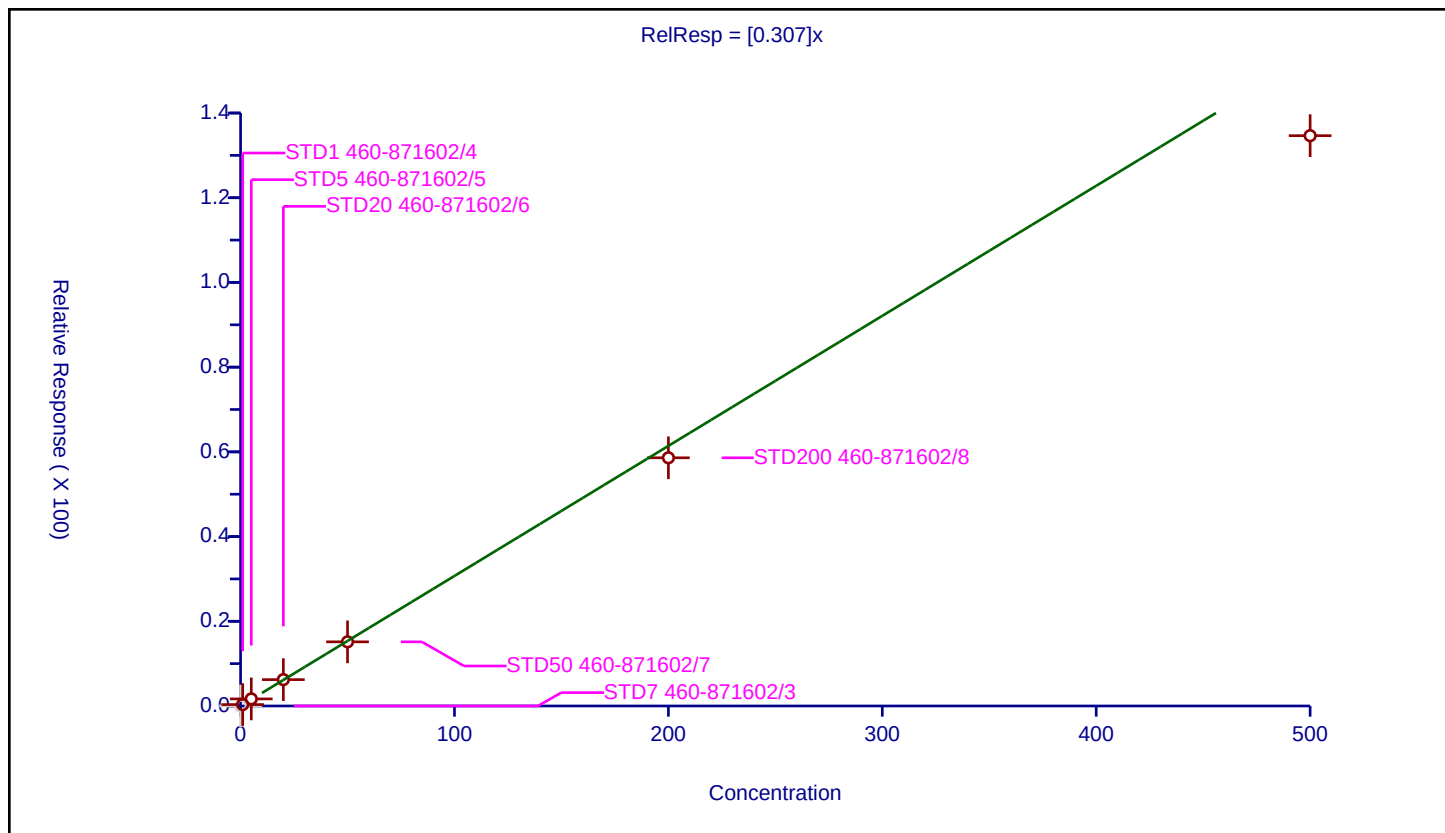
## Curve Coefficients

Intercept: 0  
Slope: 0.307

## Error Coefficients

Standard Error: 647000  
Relative Standard Error: 8.0  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.992

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.331337   | 50.0      | 439281.0    | 0.331337 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.672388   | 50.0      | 453872.0    | 0.334478 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 6.223517   | 50.0      | 460431.0    | 0.311176 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 15.146684  | 50.0      | 468525.0    | 0.302934 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 58.599626  | 50.0      | 471631.0    | 0.292998 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 134.648126 | 50.0      | 493259.0    | 0.269296 | Y    |





# Calibration

/ 1,1,1-Trichloroethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

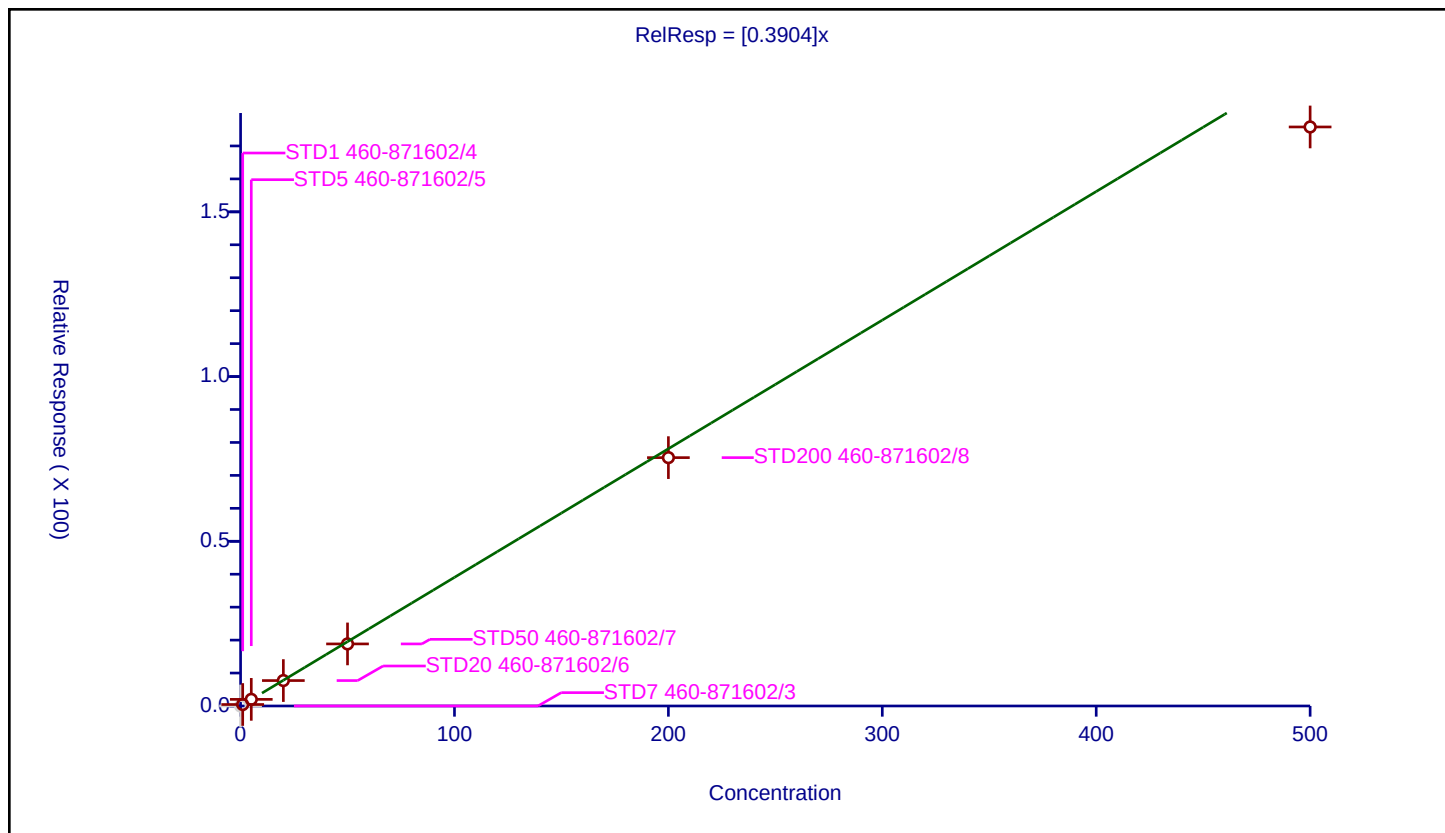
## Curve Coefficients

Intercept: 0  
Slope: 0.3904

## Error Coefficients

Standard Error: 842000  
Relative Standard Error: 8.5  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.991

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.448688   | 50.0      | 439281.0    | 0.448688 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 2.012902   | 50.0      | 453872.0    | 0.40258  | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 7.719941   | 50.0      | 460431.0    | 0.385997 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 18.838589  | 50.0      | 468525.0    | 0.376772 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 75.394005  | 50.0      | 471631.0    | 0.37697  | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 175.763443 | 50.0      | 493259.0    | 0.351527 | Y    |



# Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

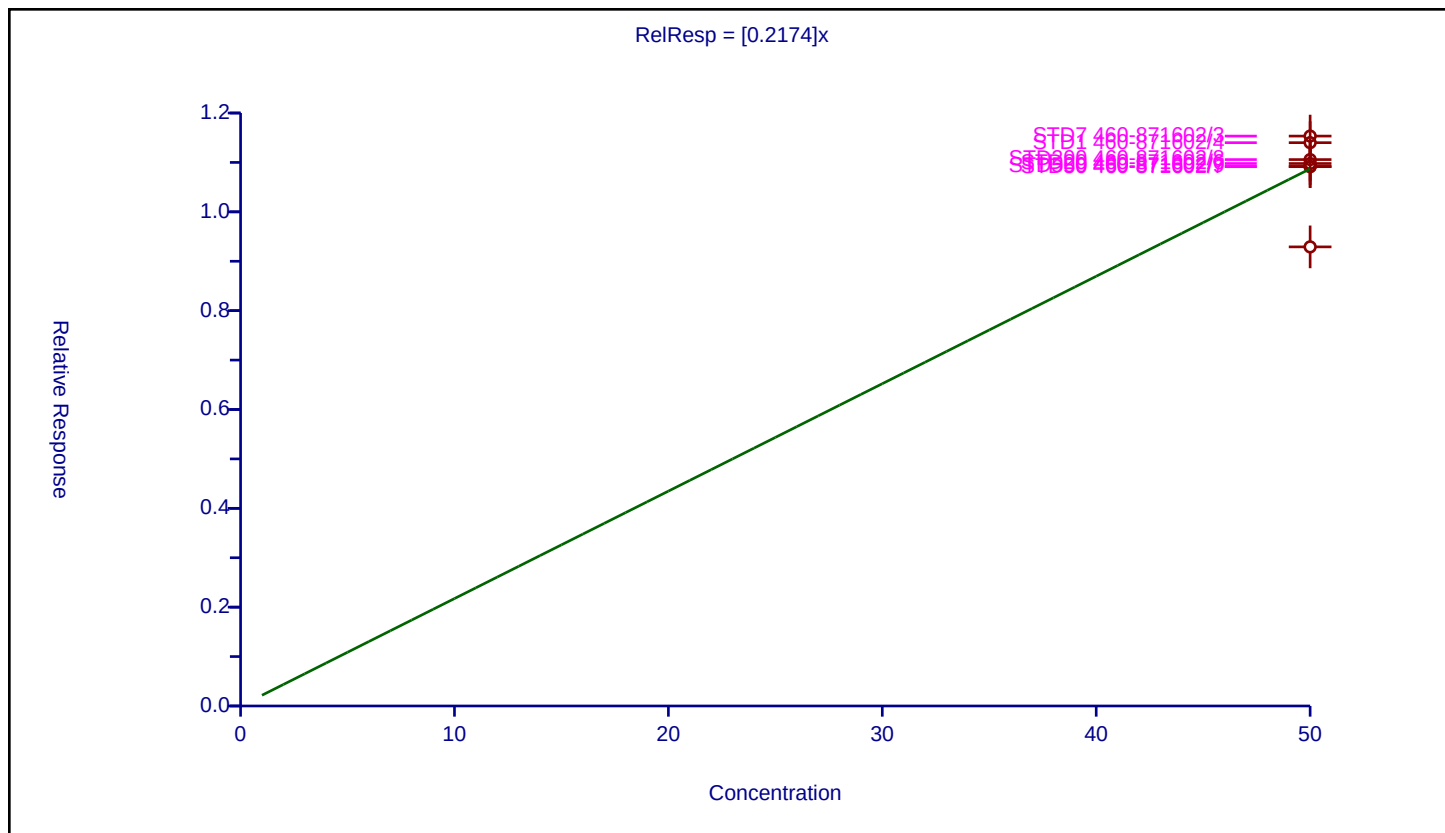
## Curve Coefficients

Intercept: 0  
 Slope: 0.2174

## Error Coefficients

Standard Error: 109000  
 Relative Standard Error: 6.8  
 Correlation Coefficient: NA  
 Coefficient of Determination (Adjusted): 0

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 50.0          | 11.533204  | 50.0      | 447005.0    | 0.230664 | Y    |
| 2  | STD1 460-871602/4   | 50.0          | 11.399651  | 50.0      | 439281.0    | 0.227993 | Y    |
| 3  | STD5 460-871602/5   | 50.0          | 9.290945   | 50.0      | 453872.0    | 0.185819 | Y    |
| 4  | STD20 460-871602/6  | 50.0          | 10.977649  | 50.0      | 460431.0    | 0.219553 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 10.913505  | 50.0      | 468525.0    | 0.21827  | Y    |
| 6  | STD200 460-871602/8 | 50.0          | 11.057691  | 50.0      | 471631.0    | 0.221154 | Y    |
| 7  | STD500 460-871602/9 | 50.0          | 10.919618  | 50.0      | 493259.0    | 0.218392 | Y    |



# Calibration

/ Carbon tetrachloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

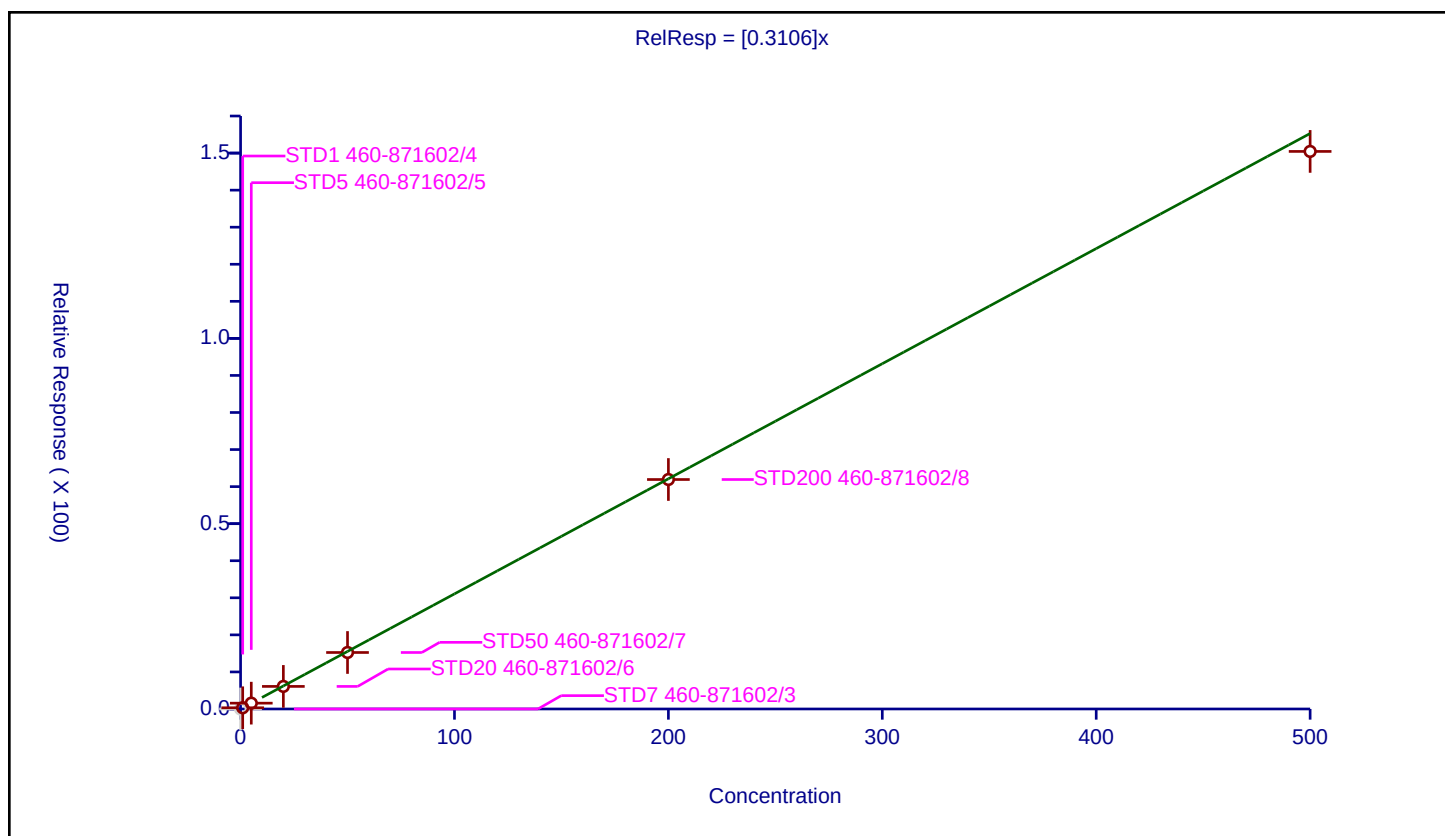
## Curve Coefficients

Intercept: 0  
 Slope: 0.3106

## Error Coefficients

Standard Error: 717000  
 Relative Standard Error: 3.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.329174   | 50.0      | 439281.0    | 0.329174 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.571258   | 50.0      | 453872.0    | 0.314252 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 6.091466   | 50.0      | 460431.0    | 0.304573 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 15.246678  | 50.0      | 468525.0    | 0.304934 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 61.919806  | 50.0      | 471631.0    | 0.309599 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 150.446216 | 50.0      | 493259.0    | 0.300892 | Y    |



# Calibration

/ 1,1-Dichloropropene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

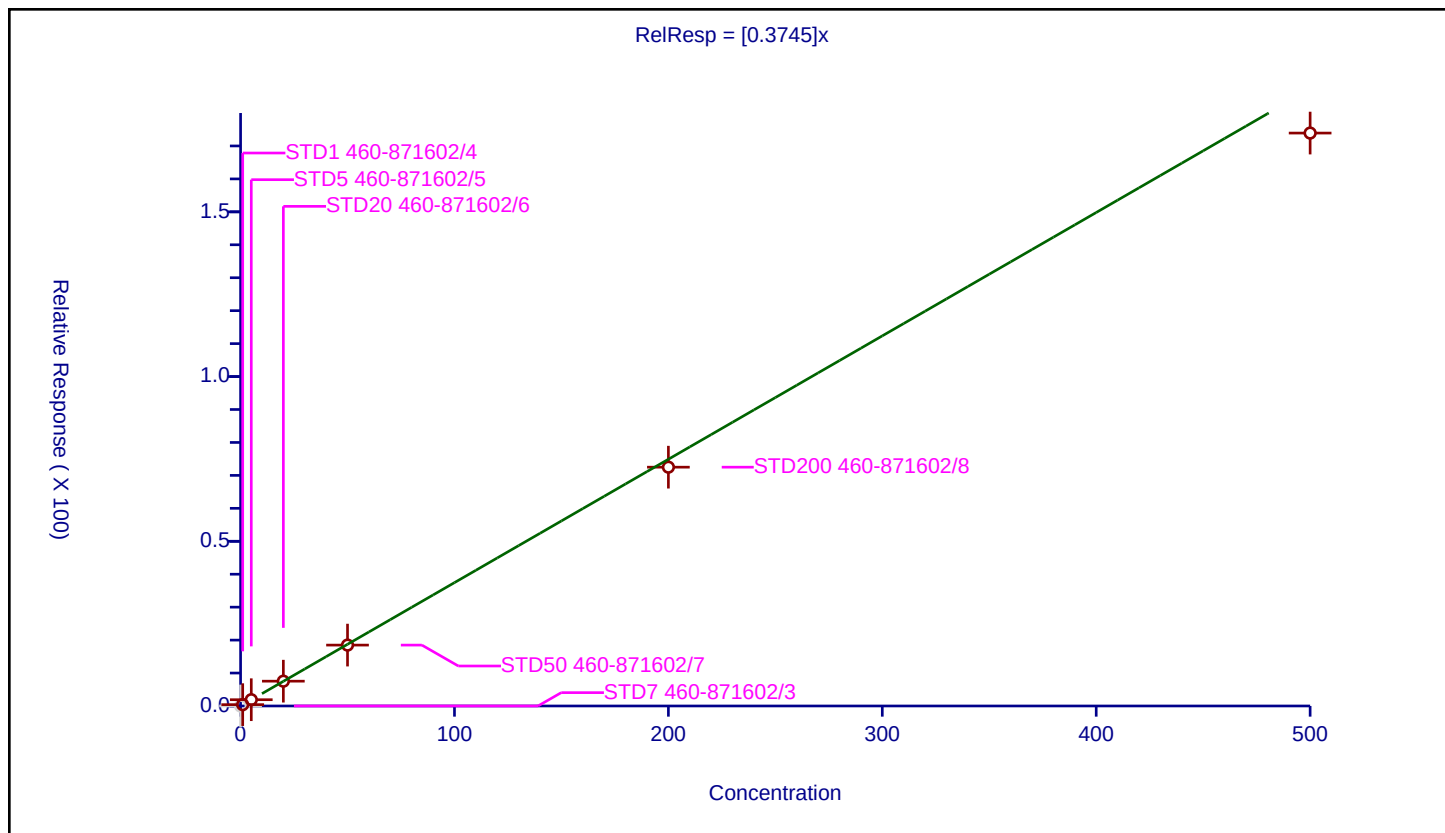
## Curve Coefficients

Intercept: 0  
Slope: 0.3745

## Error Coefficients

Standard Error: 830000  
Relative Standard Error: 5.5  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.996

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.409533   | 50.0      | 439281.0    | 0.409533 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.90329    | 50.0      | 453872.0    | 0.380658 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 7.534028   | 50.0      | 460431.0    | 0.376701 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 18.487807  | 50.0      | 468525.0    | 0.369756 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 72.495871  | 50.0      | 471631.0    | 0.362479 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 173.914921 | 50.0      | 493259.0    | 0.34783  | Y    |



## Calibration

/ Benzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

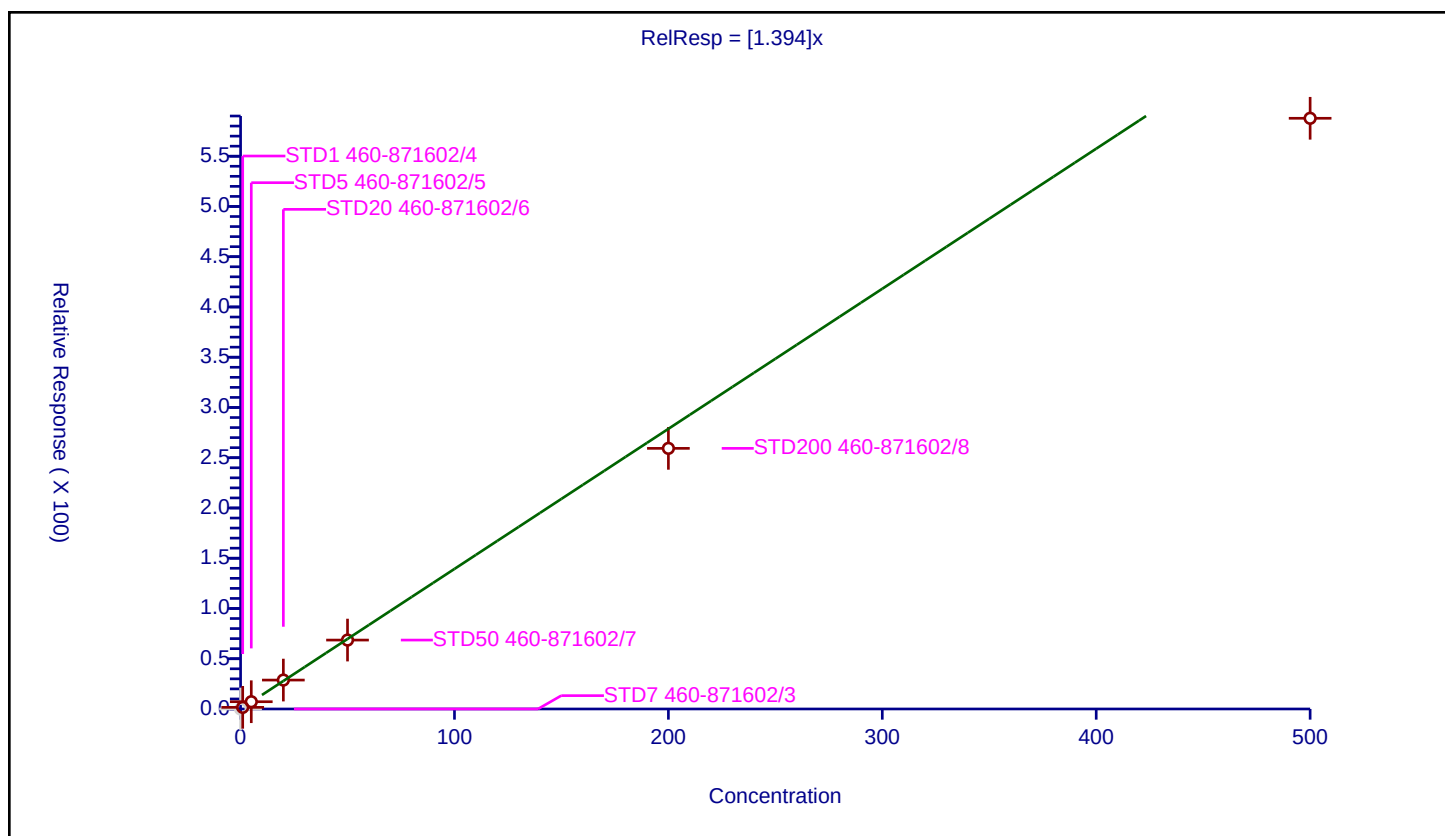
## Curve Coefficients

Intercept: 0  
Slope: 1.394

## Error Coefficients

Standard Error: 2220000  
Relative Standard Error: 11.1  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.985

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 351311.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 1.634879   | 50.0      | 345836.0    | 1.634879 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 7.224721   | 50.0      | 343778.0    | 1.444944 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 28.776508  | 50.0      | 344187.0    | 1.438825 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 68.584559  | 50.0      | 359266.0    | 1.371691 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 259.325814 | 50.0      | 362022.0    | 1.296629 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 587.755371 | 50.0      | 387427.0    | 1.175511 | Y    |



# Calibration

/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

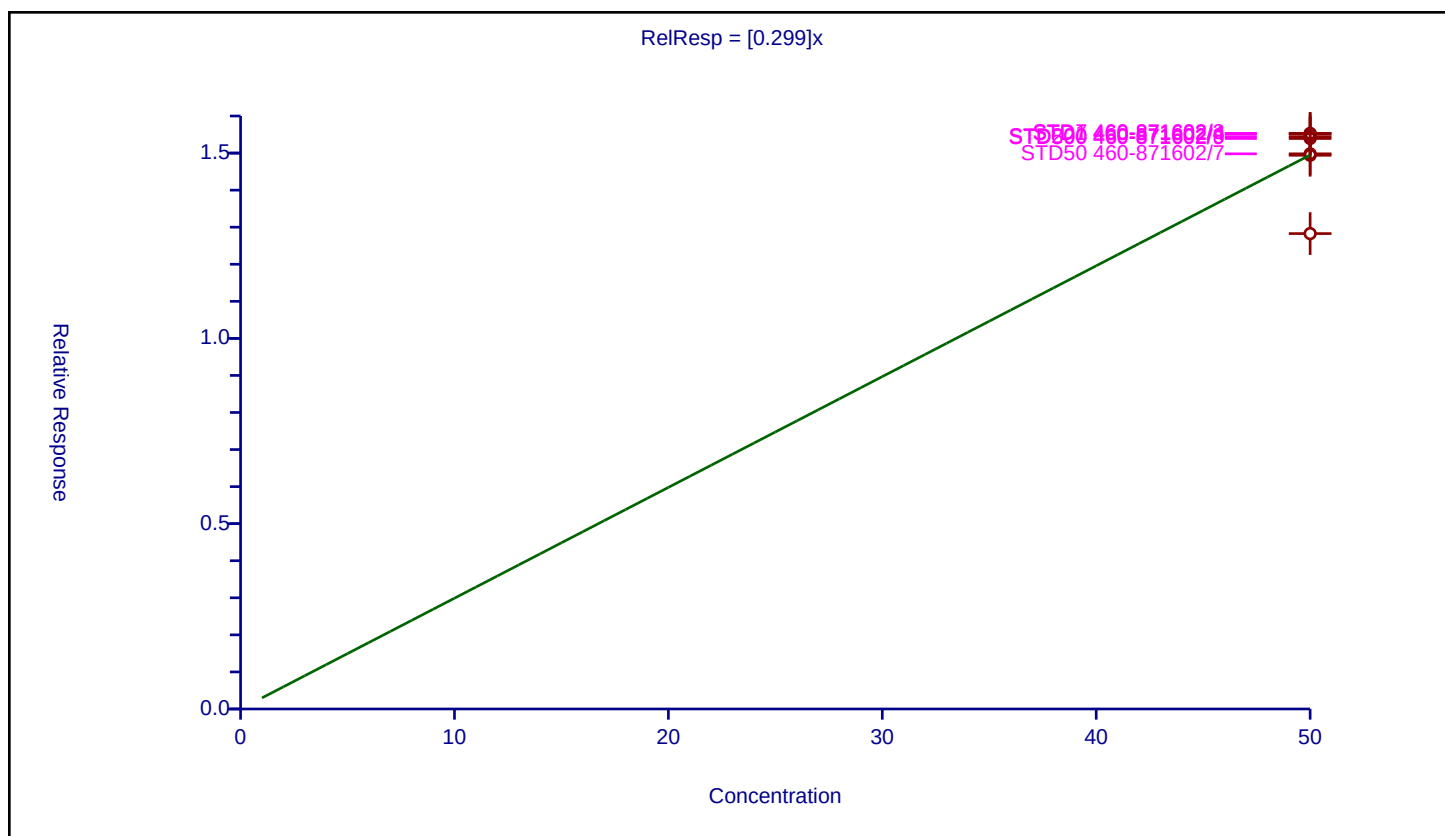
## Curve Coefficients

Intercept: 0  
 Slope: 0.299

## Error Coefficients

Standard Error: 150000  
 Relative Standard Error: 6.5  
 Correlation Coefficient: NA  
 Coefficient of Determination (Adjusted): 0.000000000000000222

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 50.0          | 15.531482  | 50.0      | 447005.0    | 0.31063  | Y    |
| 2  | STD1 460-871602/4   | 50.0          | 15.518199  | 50.0      | 439281.0    | 0.310364 | Y    |
| 3  | STD5 460-871602/5   | 50.0          | 12.827295  | 50.0      | 453872.0    | 0.256546 | Y    |
| 4  | STD20 460-871602/6  | 50.0          | 14.940892  | 50.0      | 460431.0    | 0.298818 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 14.979457  | 50.0      | 468525.0    | 0.299589 | Y    |
| 6  | STD200 460-871602/8 | 50.0          | 15.442899  | 50.0      | 471631.0    | 0.308858 | Y    |
| 7  | STD500 460-871602/9 | 50.0          | 15.393536  | 50.0      | 493259.0    | 0.307871 | Y    |



# Calibration

/ Isopropyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

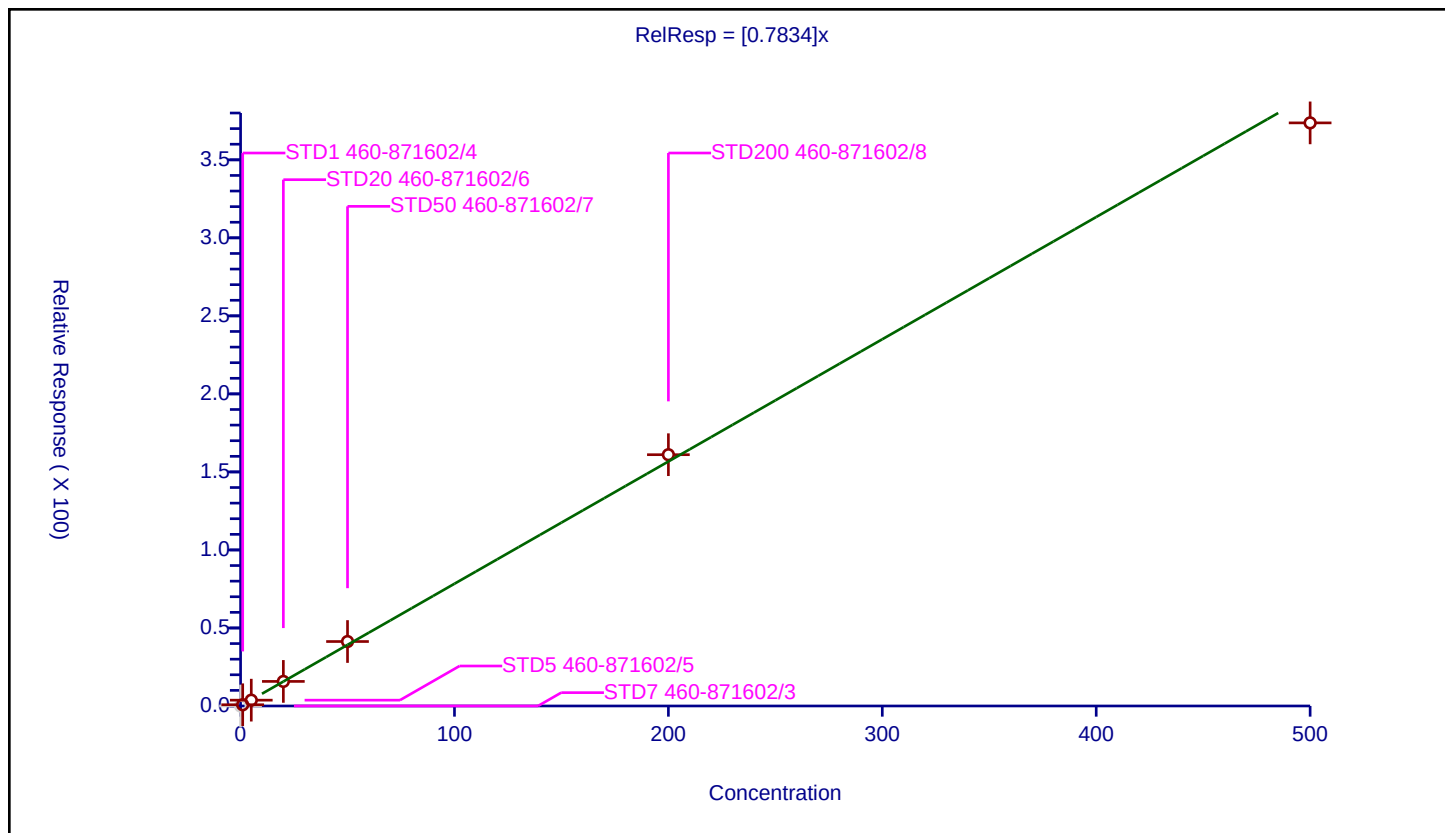
## Curve Coefficients

Intercept: 0  
 Slope: 0.7834

## Error Coefficients

Standard Error: 1790000  
 Relative Standard Error: 4.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.788675   | 50.0      | 439281.0    | 0.788675 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 3.729245   | 50.0      | 453872.0    | 0.745849 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 15.741121  | 50.0      | 460431.0    | 0.787056 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 41.306761  | 50.0      | 468525.0    | 0.826135 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 161.030657 | 50.0      | 471631.0    | 0.805153 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 373.679852 | 50.0      | 493259.0    | 0.74736  | Y    |



# Calibration

/ 1,2-Dichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

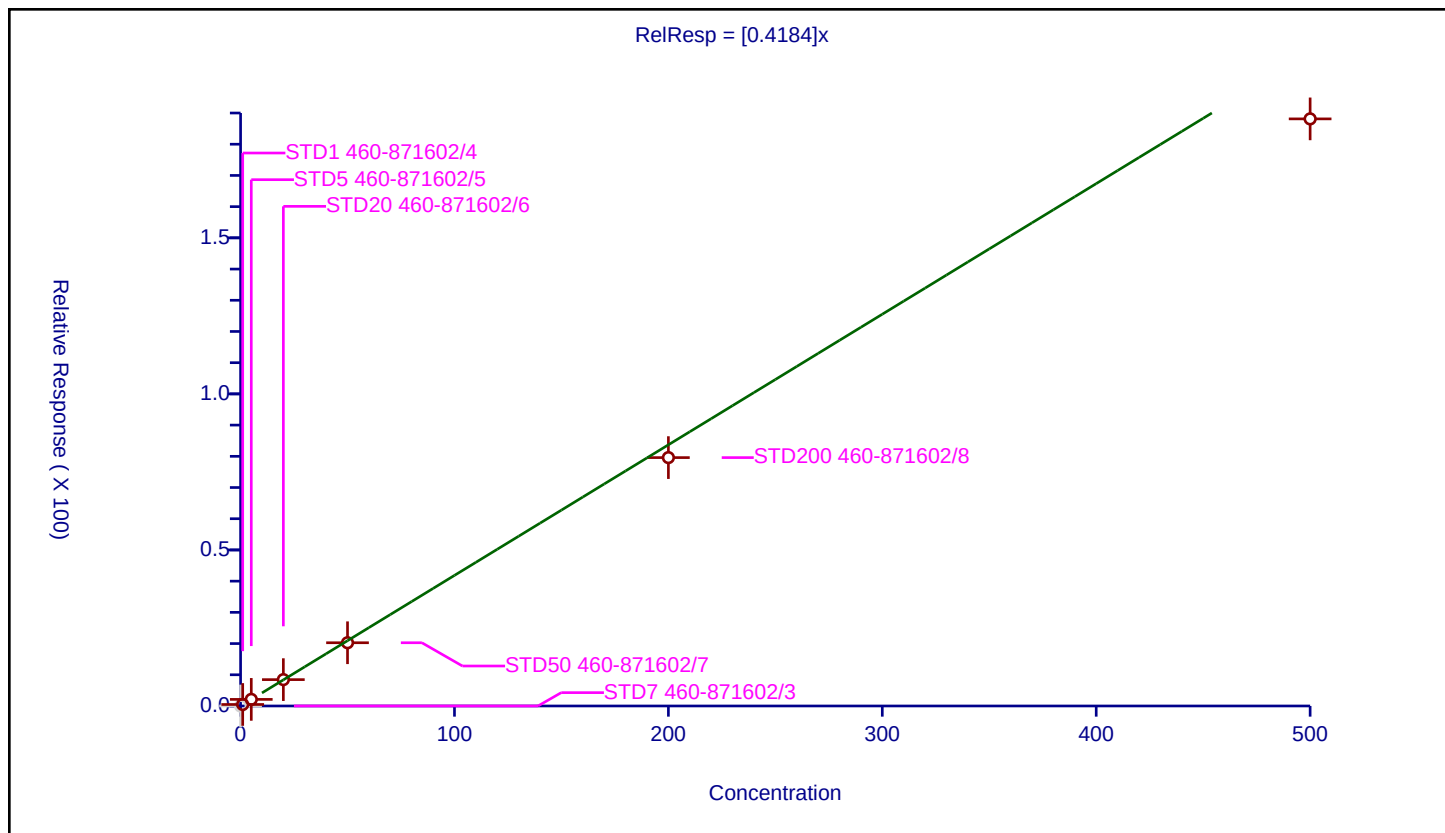
## Curve Coefficients

Intercept: 0  
 Slope: 0.4184

## Error Coefficients

Standard Error: 900000  
 Relative Standard Error: 8.9  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.990

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.485794   | 50.0      | 439281.0    | 0.485794 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 2.115024   | 50.0      | 453872.0    | 0.423005 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 8.445891   | 50.0      | 460431.0    | 0.422295 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 20.267328  | 50.0      | 468525.0    | 0.405347 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 79.591778  | 50.0      | 471631.0    | 0.397959 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 188.119933 | 50.0      | 493259.0    | 0.37624  | Y    |





## Calibration

/ n-Heptane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

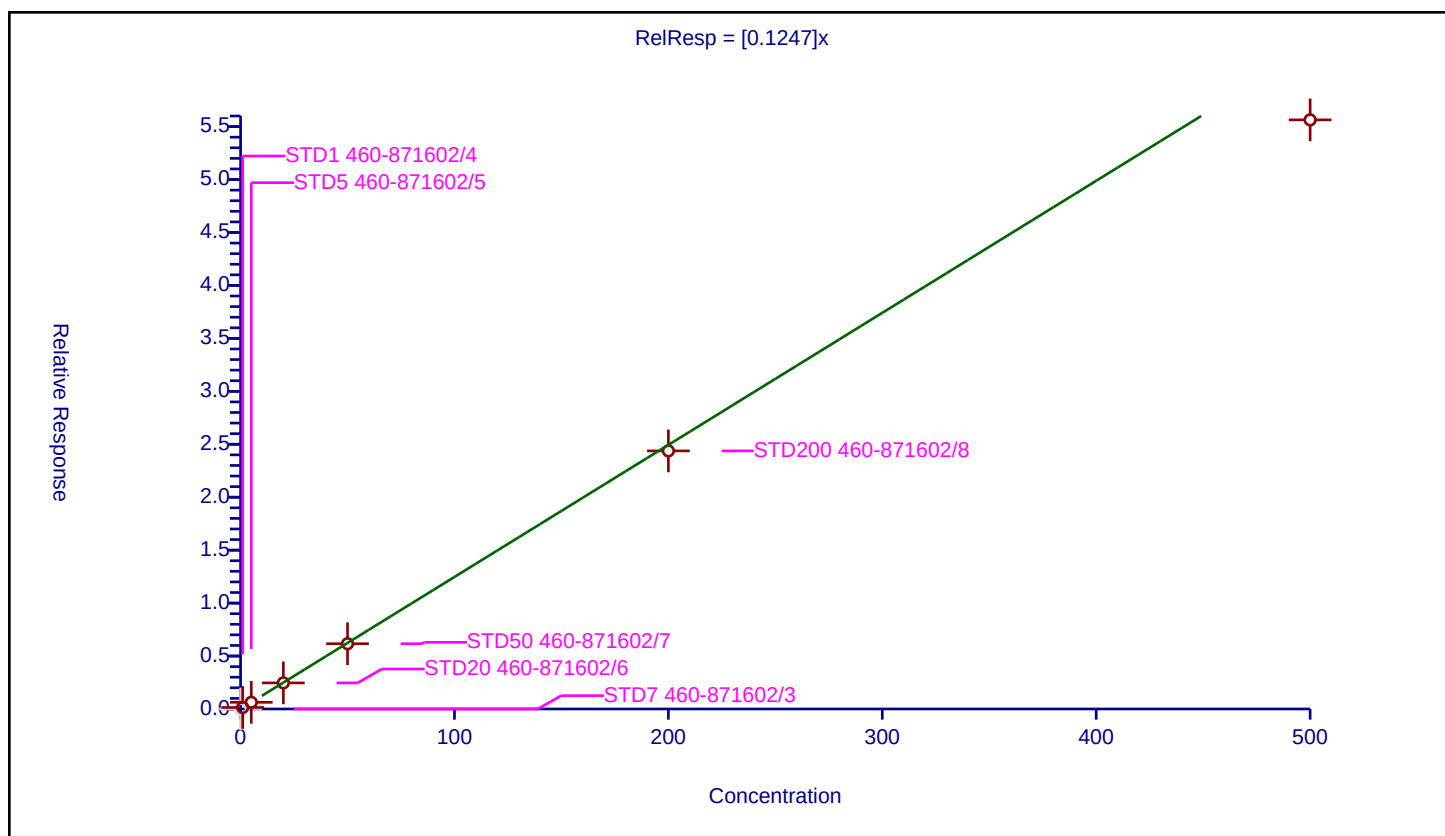
## Curve Coefficients

Intercept: 0  
Slope: 0.1247

## Error Coefficients

Standard Error: 268000  
Relative Standard Error: 8.1  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.992

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.142506   | 50.0      | 439281.0    | 0.142506 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 0.630244   | 50.0      | 453872.0    | 0.126049 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 2.465082   | 50.0      | 460431.0    | 0.123254 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 6.163492   | 50.0      | 468525.0    | 0.12327  | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 24.375306  | 50.0      | 471631.0    | 0.121877 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 55.634971  | 50.0      | 493259.0    | 0.11127  | Y    |



# Calibration

/ n-Butanol

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

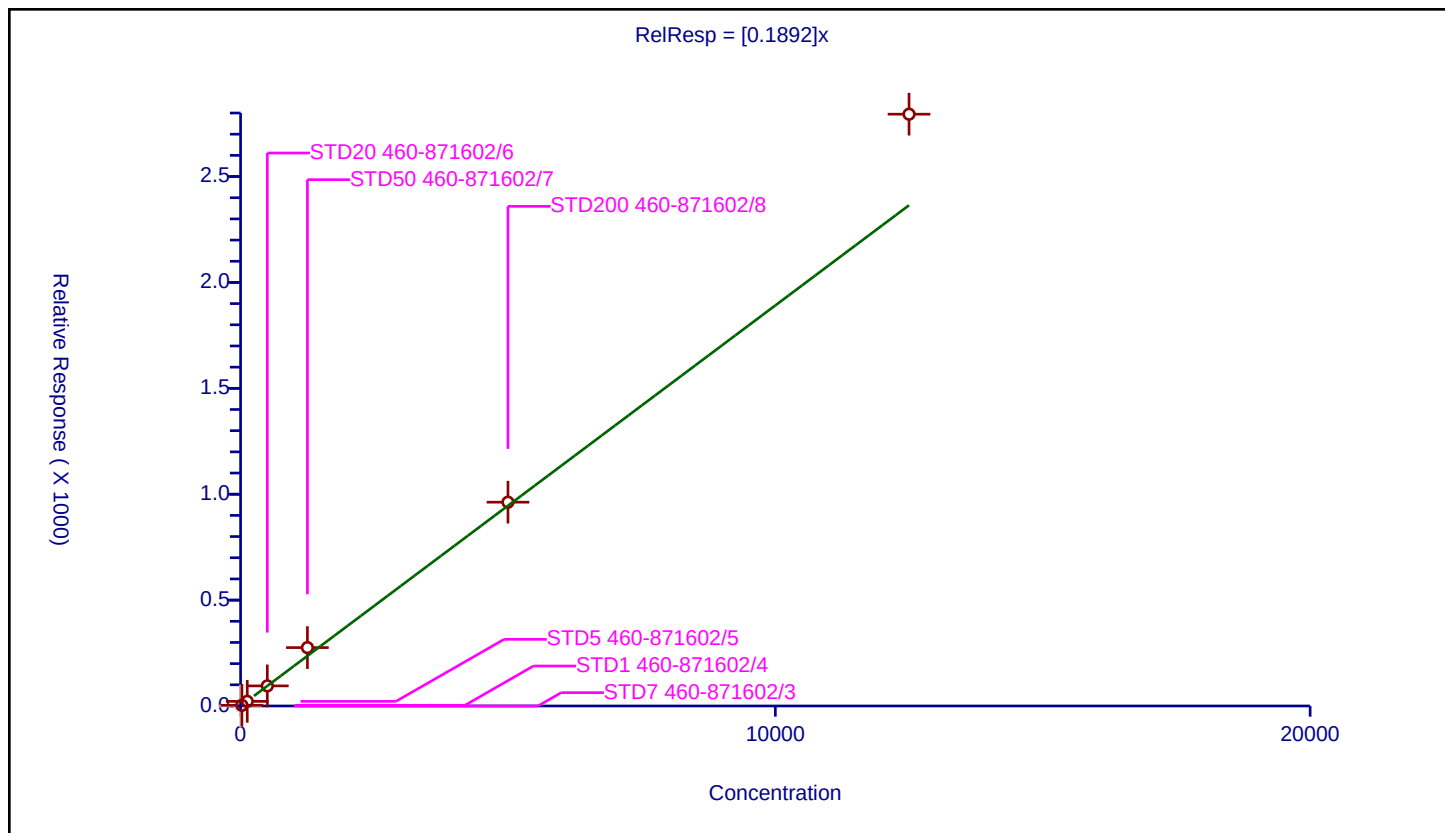
## Curve Coefficients

Intercept: 0  
Slope: 0.1892

## Error Coefficients

Standard Error: 274000  
Relative Standard Error: 17.4  
Correlation Coefficient: 0.996  
Coefficient of Determination (Adjusted): 0.971

| ID | Level               | Concentration | Rel. Resp.  | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|-------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0         | 1000.0    | 177682.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 25.0          | 3.348463    | 1000.0    | 174707.0    | 0.133939 | Y    |
| 3  | STD5 460-871602/5   | 125.0         | 21.826955   | 1000.0    | 176983.0    | 0.174616 | Y    |
| 4  | STD20 460-871602/6  | 500.0         | 94.893001   | 1000.0    | 181731.0    | 0.189786 | Y    |
| 5  | STD50 460-871602/7  | 1250.0        | 275.703183  | 1000.0    | 201619.0    | 0.220563 | Y    |
| 6  | STD200 460-871602/8 | 5000.0        | 962.306594  | 1000.0    | 204492.0    | 0.192461 | Y    |
| 7  | STD500 460-871602/9 | 12500.0       | 2794.459114 | 1000.0    | 207151.0    | 0.223557 | Y    |



## Calibration

/ Trichloroethene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

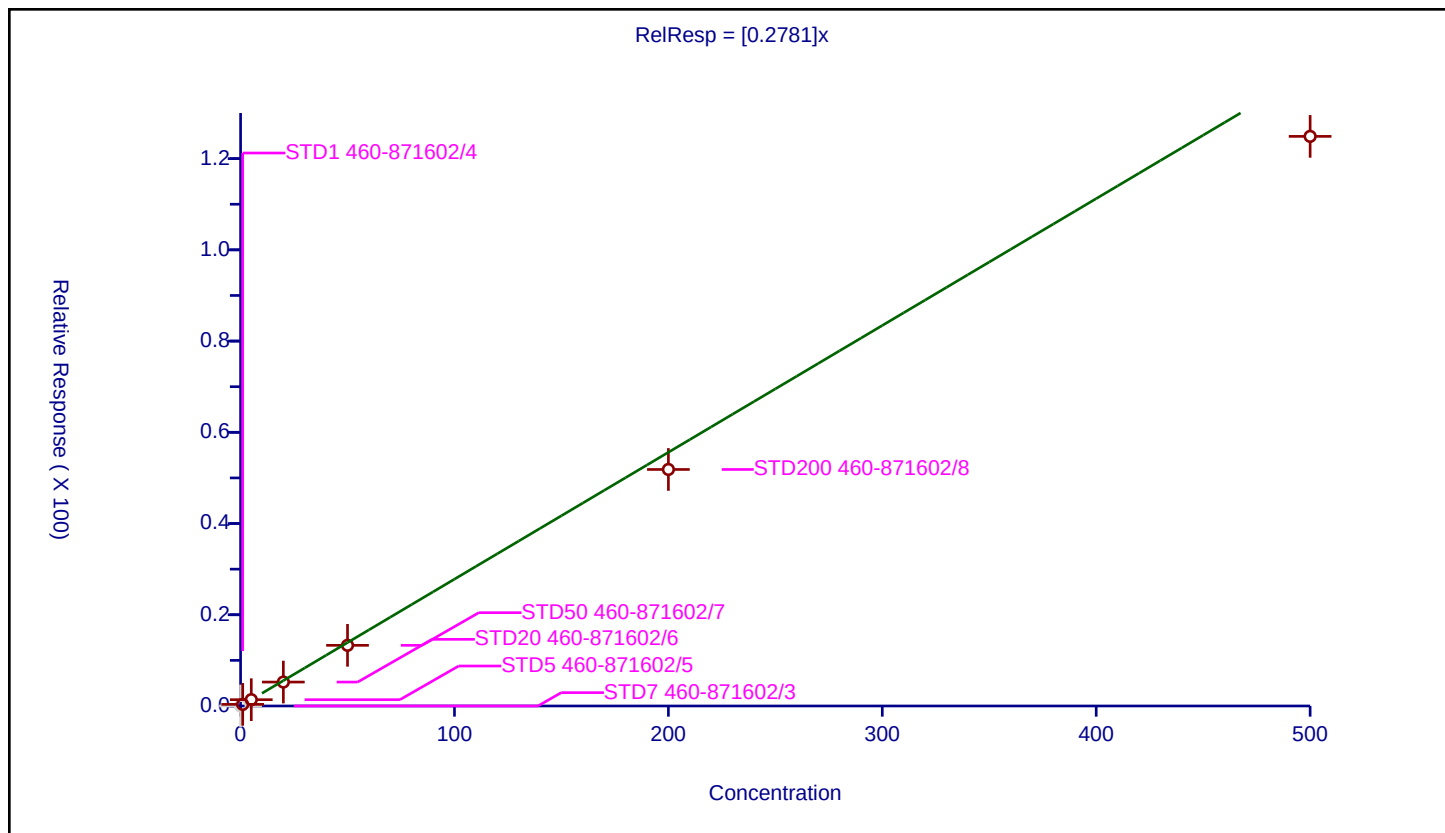
## Curve Coefficients

Intercept: 0  
Slope: 0.2781

## Error Coefficients

Standard Error: 596000  
Relative Standard Error: 13.8  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.975

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.354329   | 50.0      | 439281.0    | 0.354329 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.384421   | 50.0      | 453872.0    | 0.276884 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 5.246714   | 50.0      | 460431.0    | 0.262336 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 13.295235  | 50.0      | 468525.0    | 0.265905 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 51.851447  | 50.0      | 471631.0    | 0.259257 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 124.87983  | 50.0      | 493259.0    | 0.24976  | Y    |



# Calibration

/ Methylcyclohexane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

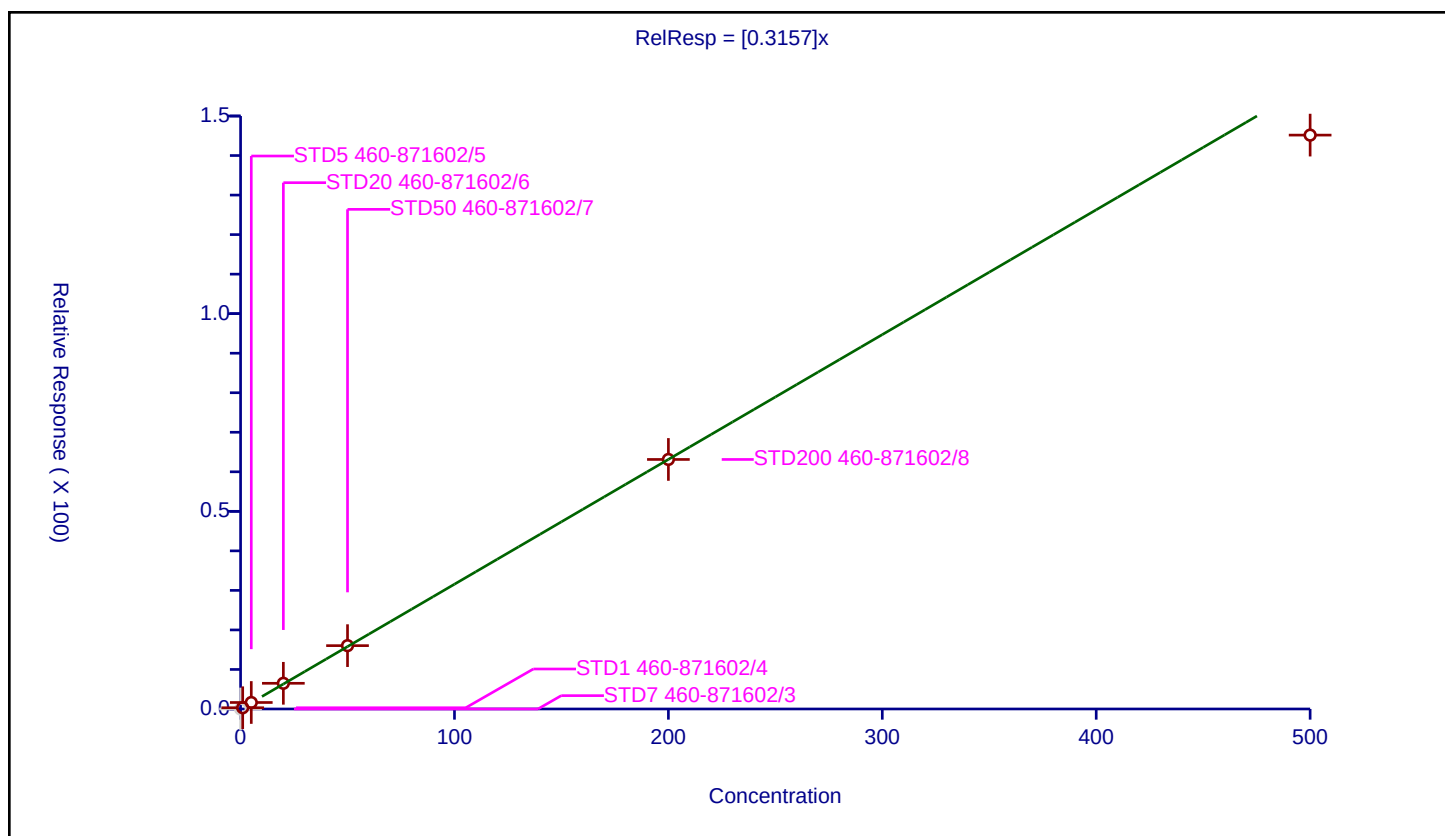
## Curve Coefficients

Intercept: 0  
 Slope: 0.3157

## Error Coefficients

Standard Error: 697000  
 Relative Standard Error: 4.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.313922   | 50.0      | 439281.0    | 0.313922 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.644076   | 50.0      | 453872.0    | 0.328815 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 6.499997   | 50.0      | 460431.0    | 0.325    | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 16.023371  | 50.0      | 468525.0    | 0.320467 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 63.120003  | 50.0      | 471631.0    | 0.3156   | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 145.17059  | 50.0      | 493259.0    | 0.290341 | Y    |



# Calibration

/ Ethyl acrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

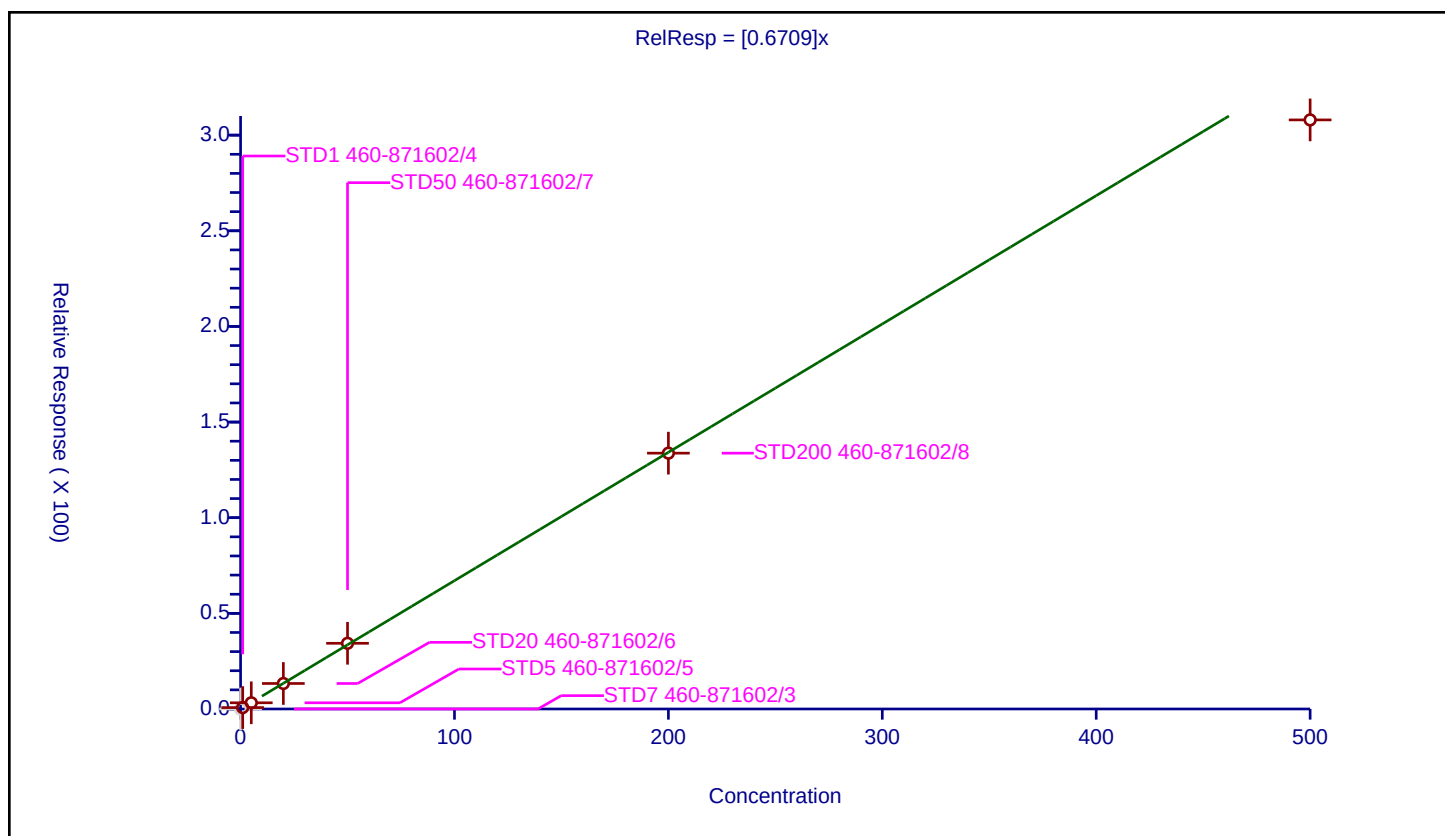
## Curve Coefficients

Intercept: 0  
 Slope: 0.6709

## Error Coefficients

Standard Error: 1480000  
 Relative Standard Error: 6.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.996

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.738479   | 50.0      | 439281.0    | 0.738479 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 3.243646   | 50.0      | 453872.0    | 0.648729 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 13.333703  | 50.0      | 460431.0    | 0.666685 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 34.349608  | 50.0      | 468525.0    | 0.686992 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 133.748206 | 50.0      | 471631.0    | 0.668741 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 307.96914  | 50.0      | 493259.0    | 0.615938 | Y    |



# Calibration

/ 1,2-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

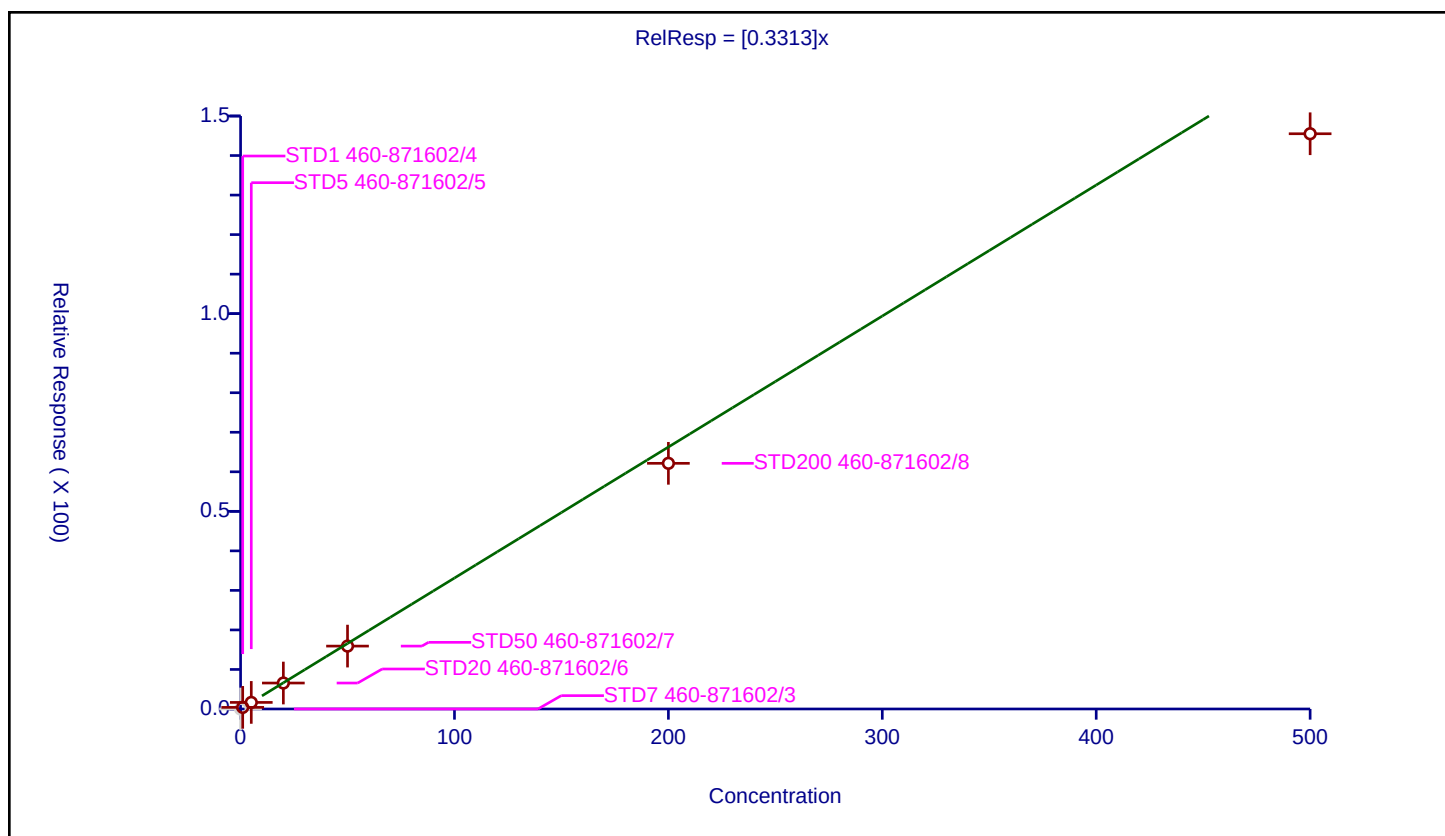
## Curve Coefficients

Intercept: 0  
 Slope: 0.3313

## Error Coefficients

Standard Error: 697000  
 Relative Standard Error: 12.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.981

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.407826   | 50.0      | 439281.0    | 0.407826 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.66038    | 50.0      | 453872.0    | 0.332076 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 6.56537    | 50.0      | 460431.0    | 0.328269 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 15.906408  | 50.0      | 468525.0    | 0.318128 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 62.142968  | 50.0      | 471631.0    | 0.310715 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 145.514324 | 50.0      | 493259.0    | 0.291029 | Y    |



# Calibration

/ Methyl methacrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

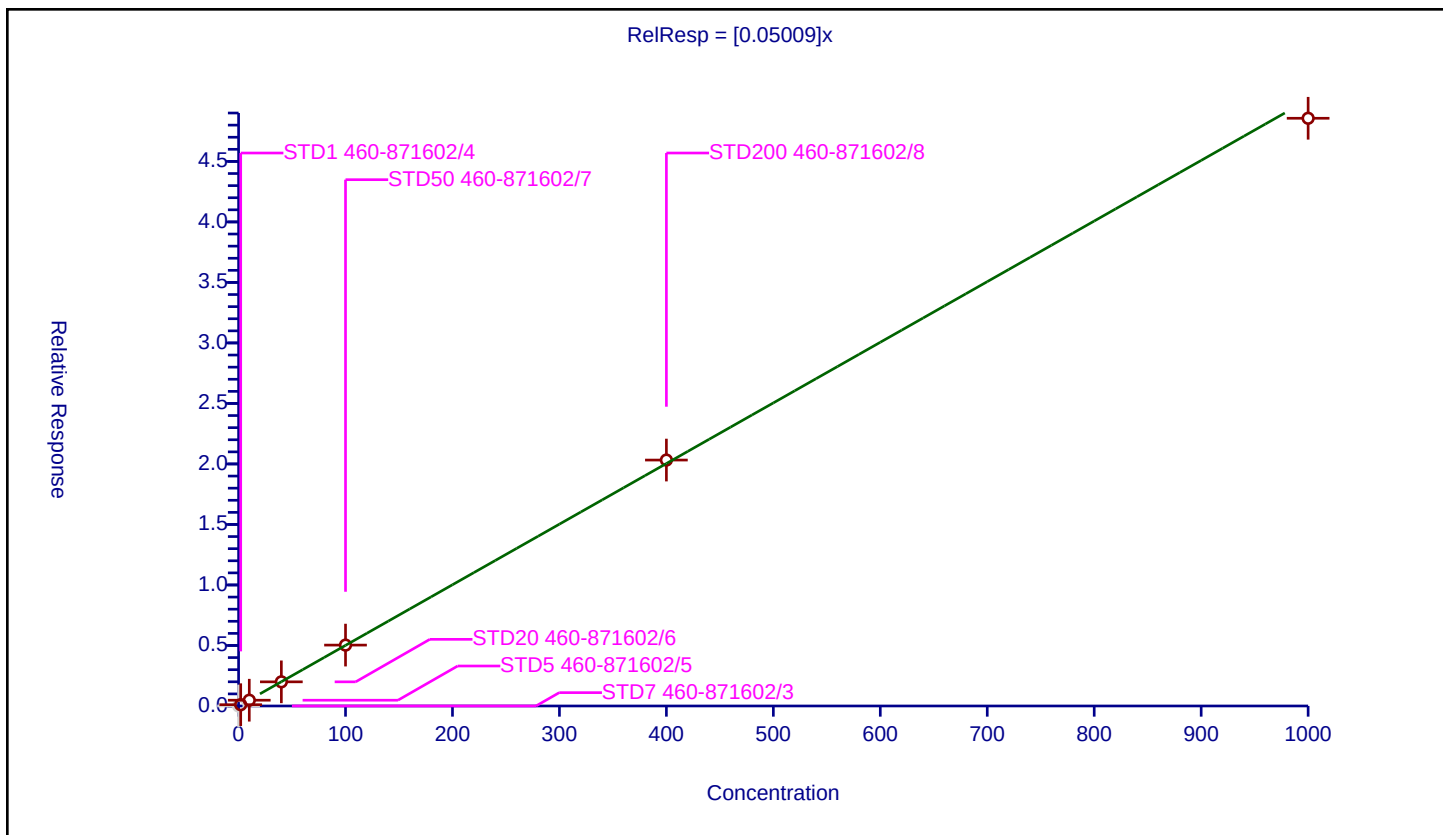
## Curve Coefficients

Intercept: 0  
 Slope: 0.05009

## Error Coefficients

Standard Error: 232000  
 Relative Standard Error: 3.9  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 2.0           | 0.106652   | 50.0      | 439281.0    | 0.053326 | Y    |
| 3  | STD5 460-871602/5   | 10.0          | 0.476456   | 50.0      | 453872.0    | 0.047646 | Y    |
| 4  | STD20 460-871602/6  | 40.0          | 1.995522   | 50.0      | 460431.0    | 0.049888 | Y    |
| 5  | STD50 460-871602/7  | 100.0         | 5.031535   | 50.0      | 468525.0    | 0.050315 | Y    |
| 6  | STD200 460-871602/8 | 400.0         | 20.323622  | 50.0      | 471631.0    | 0.050809 | Y    |
| 7  | STD500 460-871602/9 | 1000.0        | 48.566473  | 50.0      | 493259.0    | 0.048566 | Y    |



## Calibration

/ 1,4-Dioxane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

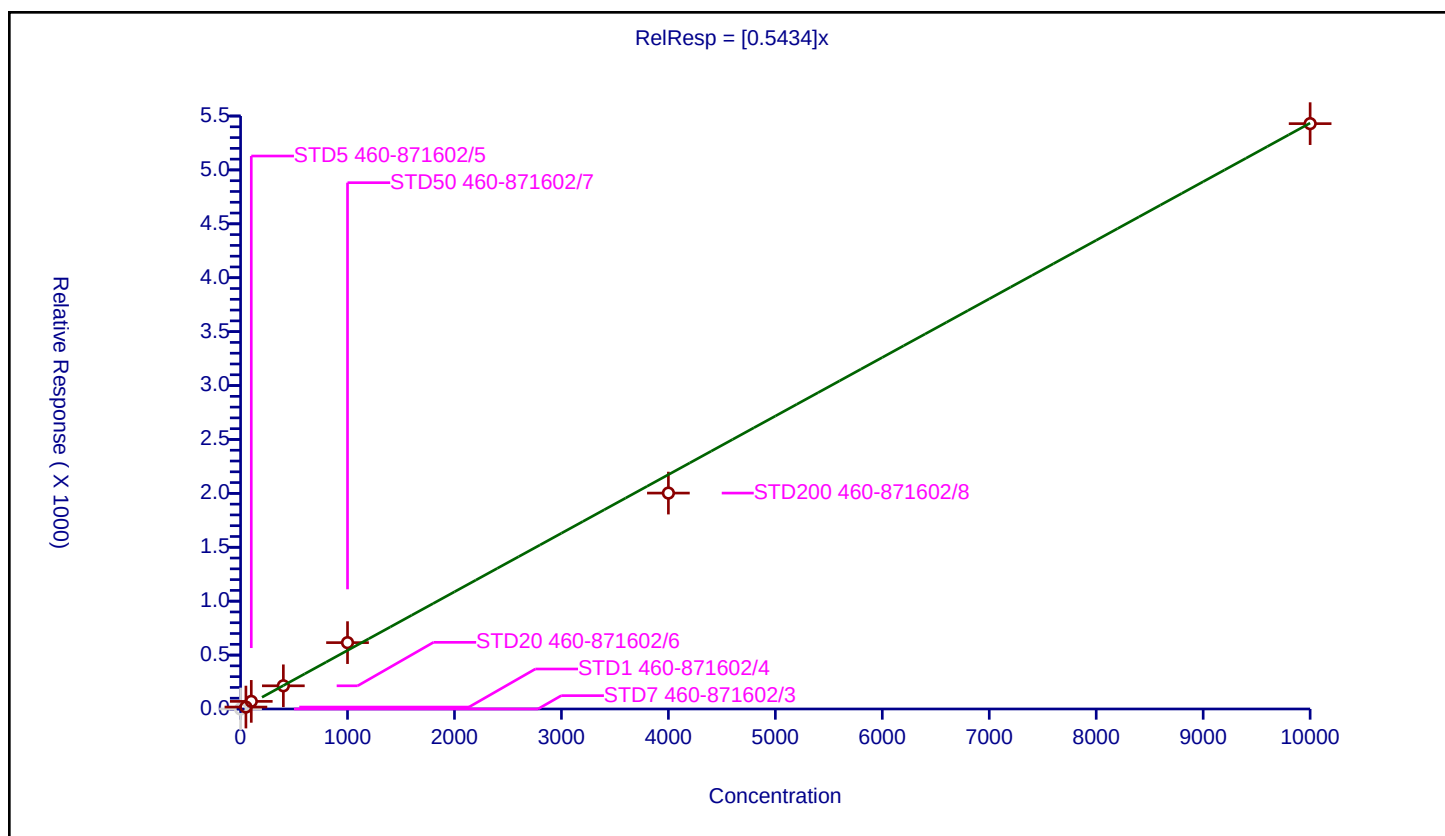
## Curve Coefficients

Intercept: 0  
Slope: 0.5434

## Error Coefficients

Standard Error: 79400  
Relative Standard Error: 21.3  
Correlation Coefficient: 0.993  
Coefficient of Determination (Adjusted): 0.949

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 1000.0    | 23304.0     | NaN      | N    |
| 2  | STD1 460-871602/4   | 50.000062     | 17.958489  | 1000.0    | 24668.0     | 0.359169 | Y    |
| 3  | STD5 460-871602/5   | 100.0         | 70.495083  | 1000.0    | 23491.0     | 0.704951 | Y    |
| 4  | STD20 460-871602/6  | 400.0         | 215.022215 | 1000.0    | 23858.0     | 0.537556 | Y    |
| 5  | STD50 460-871602/7  | 1000.0        | 615.393413 | 1000.0    | 26232.0     | 0.615393 | Y    |
| 6  | STD200 460-871602/8 | 4000.0        | 2002.49566 | 1000.0    | 27648.0     | 0.500624 | Y    |
| 7  | STD500 460-871602/9 | 10000.0       | 5429.27529 | 1000.0    | 32068.0     | 0.542928 | Y    |





## Calibration

/ Dibromomethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

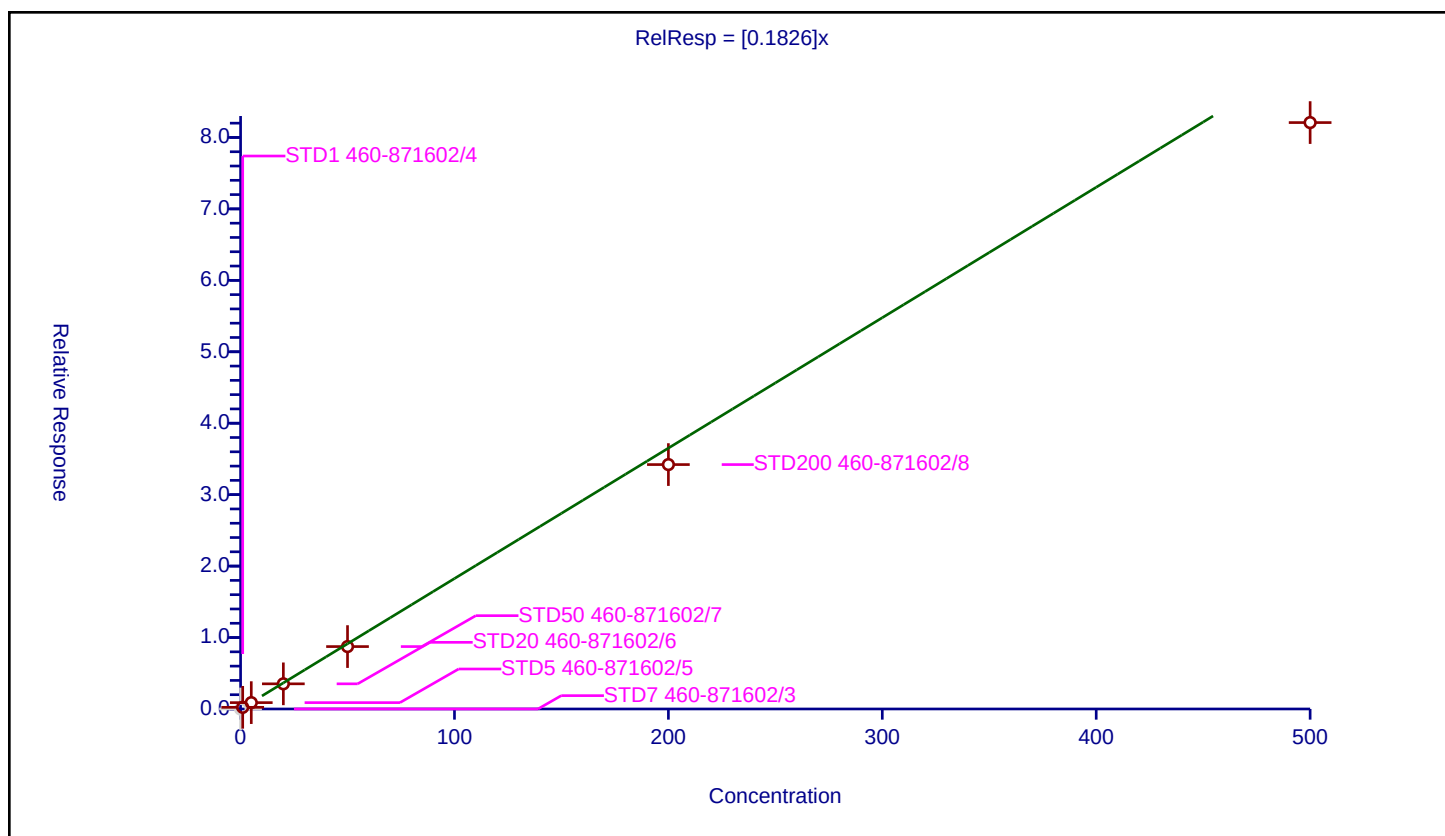
## Curve Coefficients

Intercept: 0  
Slope: 0.1826

## Error Coefficients

Standard Error: 392000  
Relative Standard Error: 13.4  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.977

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.231515   | 50.0      | 439281.0    | 0.231515 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 0.889127   | 50.0      | 453872.0    | 0.177825 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 3.522569   | 50.0      | 460431.0    | 0.176128 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 8.735073   | 50.0      | 468525.0    | 0.174701 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 34.21234   | 50.0      | 471631.0    | 0.171062 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 82.080814  | 50.0      | 493259.0    | 0.164162 | Y    |



## Calibration

/ n-Propyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

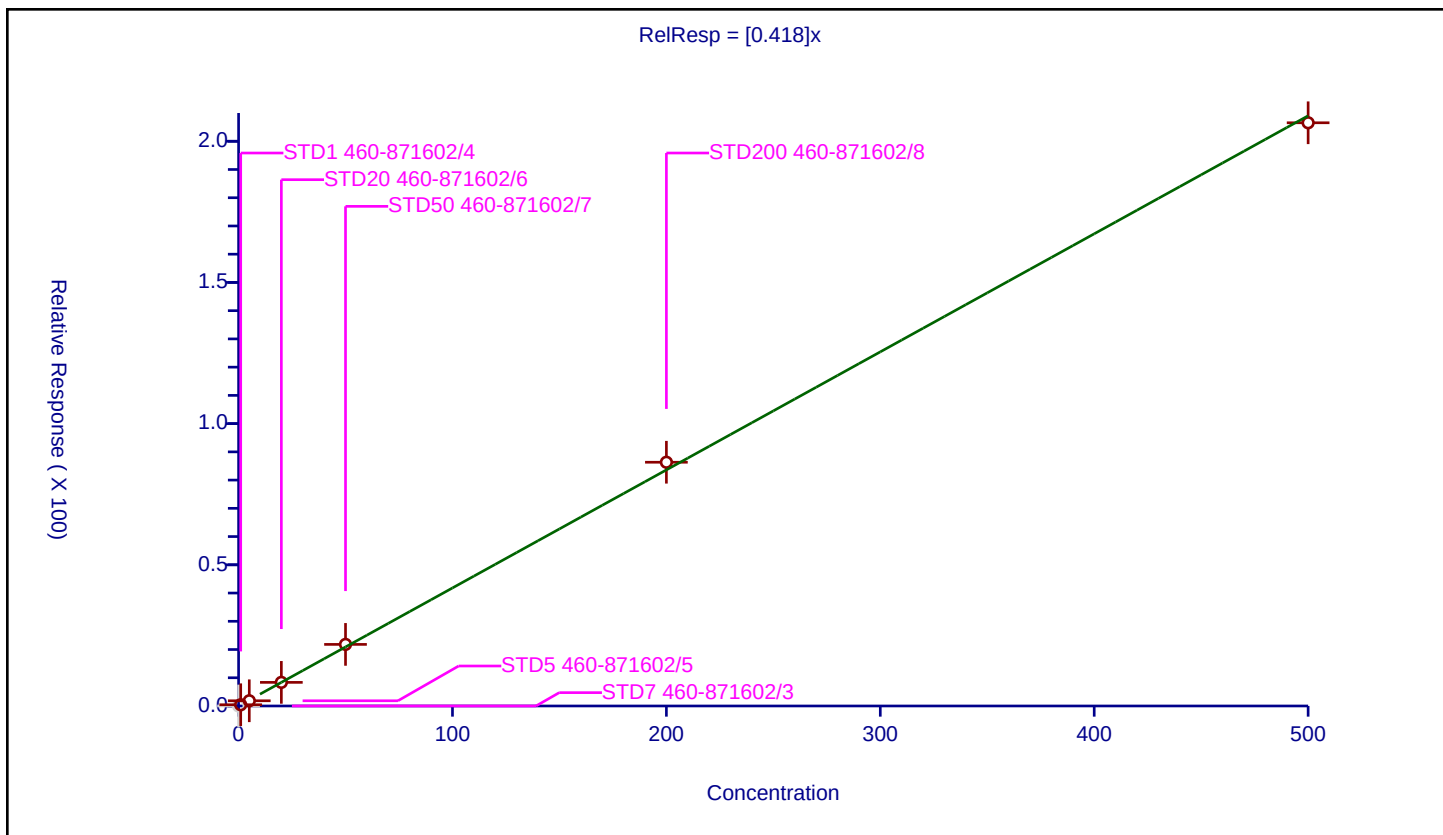
### Curve Coefficients

Intercept: 0  
 Slope: 0.418

### Error Coefficients

Standard Error: 986000  
 Relative Standard Error: 6.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.44072    | 50.0      | 439281.0    | 0.44072  | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.8427     | 50.0      | 453872.0    | 0.36854  | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 8.360862   | 50.0      | 460431.0    | 0.418043 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 21.812283  | 50.0      | 468525.0    | 0.436246 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 86.321616  | 50.0      | 471631.0    | 0.431608 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 206.546561 | 50.0      | 493259.0    | 0.413093 | Y    |



# Calibration

/ Dichlorobromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

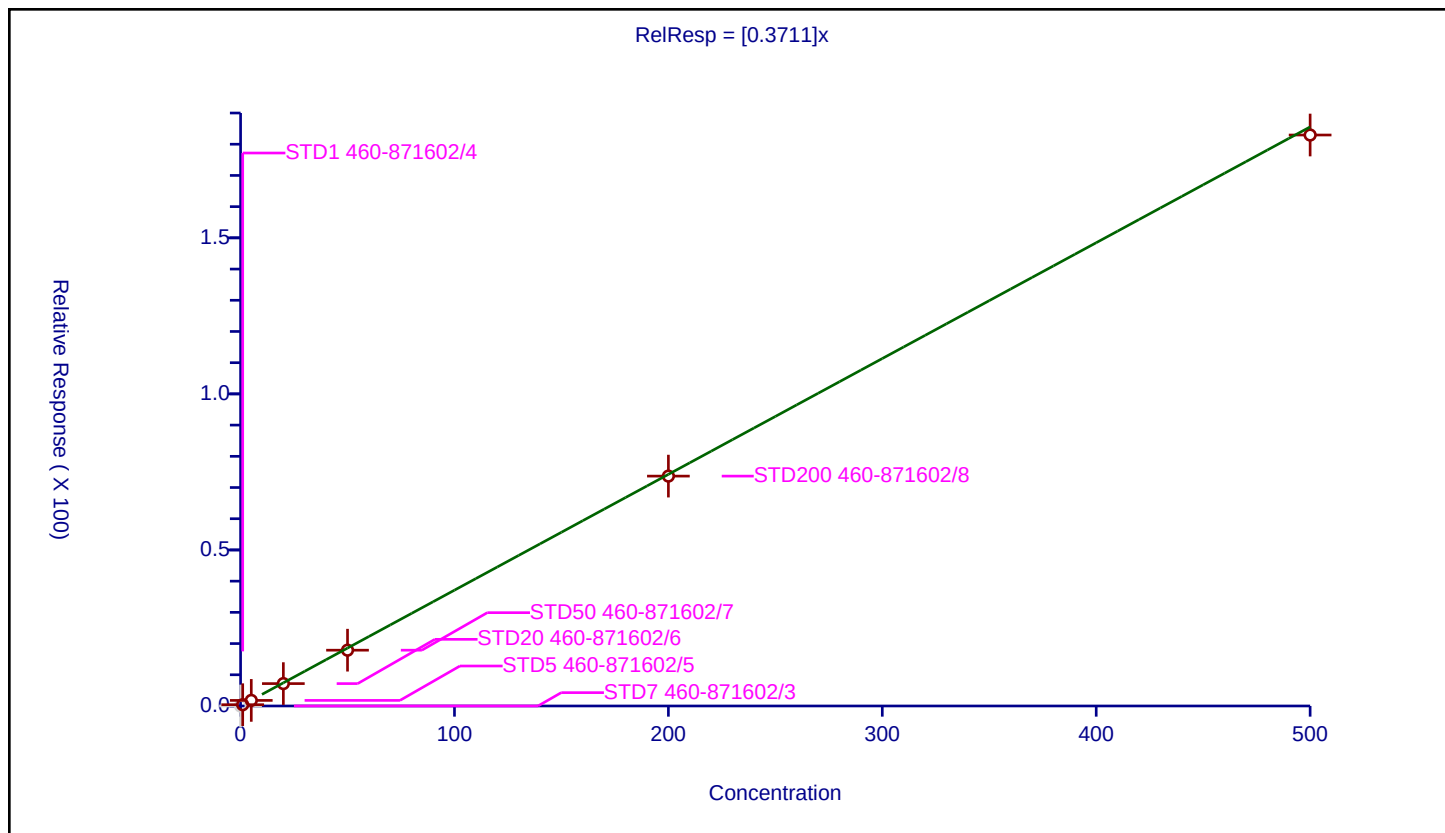
## Curve Coefficients

Intercept: 0  
 Slope: 0.3711

## Error Coefficients

Standard Error: 869000  
 Relative Standard Error: 6.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.417387   | 50.0      | 439281.0    | 0.417387 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.793567   | 50.0      | 453872.0    | 0.358713 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 7.174039   | 50.0      | 460431.0    | 0.358702 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 17.879942  | 50.0      | 468525.0    | 0.357599 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 73.658644  | 50.0      | 471631.0    | 0.368293 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 182.949931 | 50.0      | 493259.0    | 0.3659   | Y    |



# Calibration

/ 2-Chloroethyl vinyl ether

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

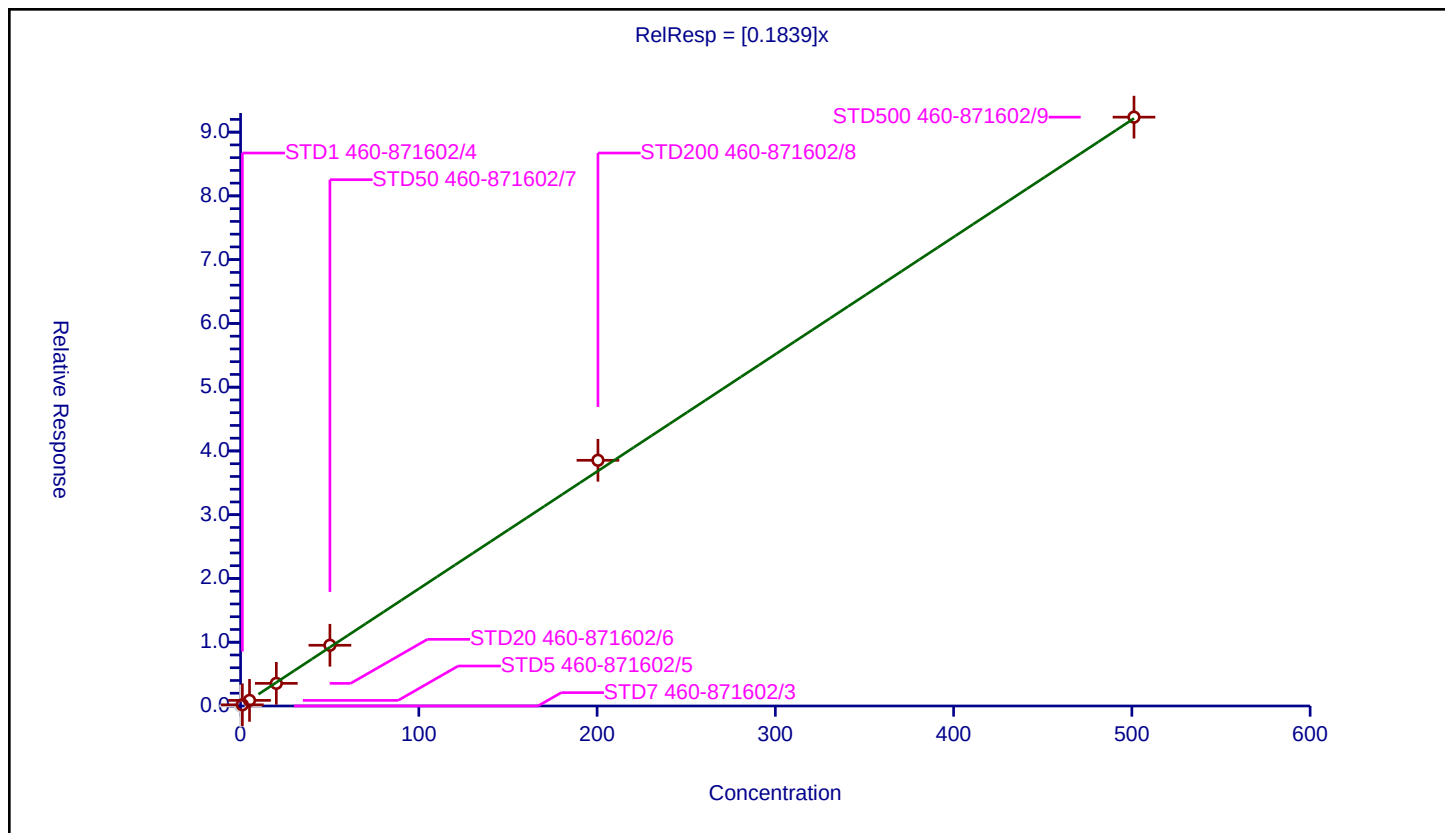
## Curve Coefficients

Intercept: 0  
 Slope: 0.1839

## Error Coefficients

Standard Error: 441000  
 Relative Standard Error: 3.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 447005.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0024        | 0.18462    | 50.0      | 439281.0    | 0.184178 | Y    |
| 3  | STD5 460-871602/5   | 5.012         | 0.879433   | 50.0      | 453872.0    | 0.175465 | Y    |
| 4  | STD20 460-871602/6  | 20.048        | 3.5495     | 50.0      | 460431.0    | 0.17705  | Y    |
| 5  | STD50 460-871602/7  | 50.12         | 9.524252   | 50.0      | 468525.0    | 0.190029 | Y    |
| 6  | STD200 460-871602/8 | 200.48        | 38.535423  | 50.0      | 471631.0    | 0.192216 | Y    |
| 7  | STD500 460-871602/9 | 501.2         | 92.353307  | 50.0      | 493259.0    | 0.184264 | Y    |



# Calibration

/ Epichlorohydrin

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

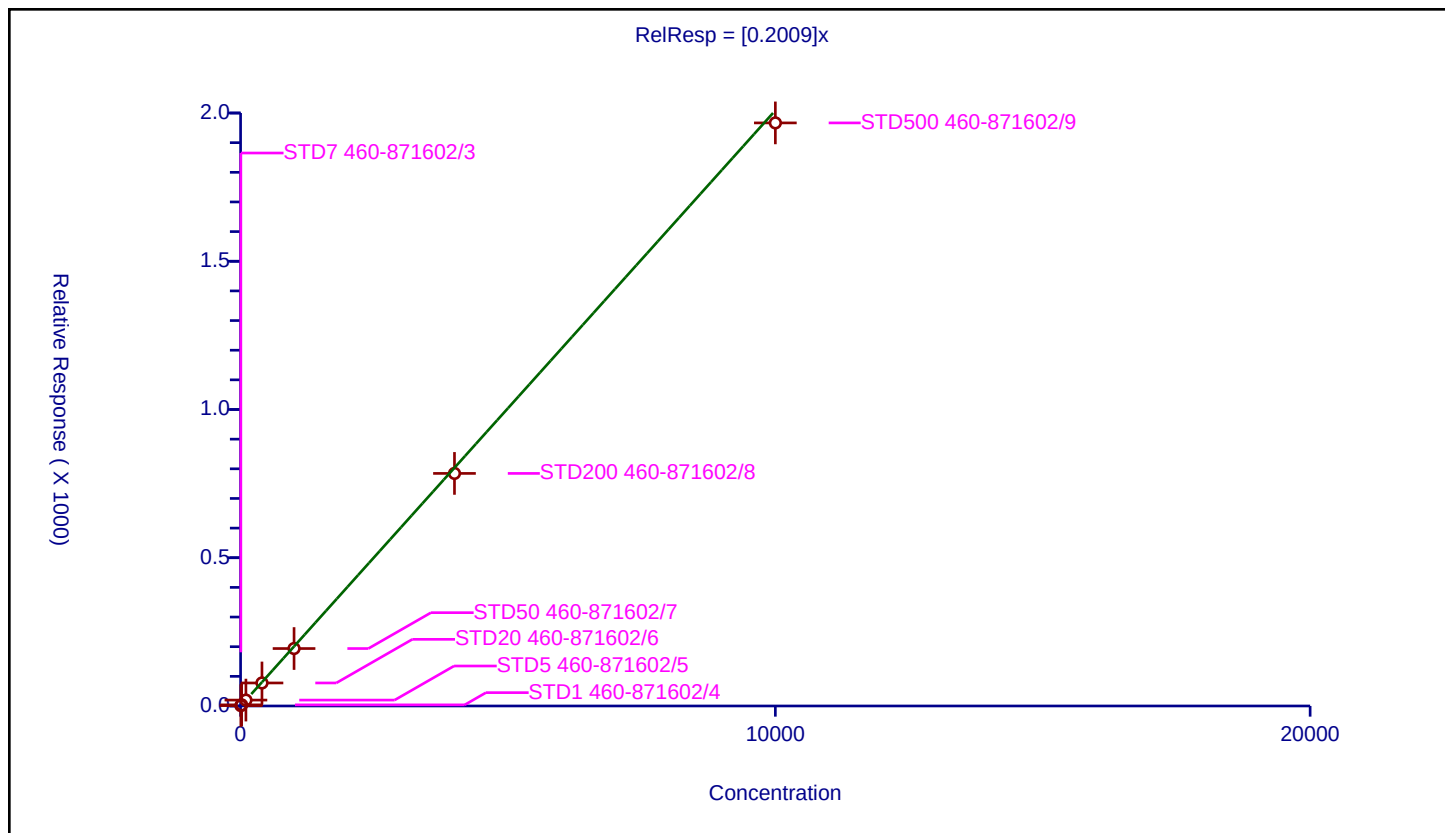
## Curve Coefficients

Intercept: 0  
 Slope: 0.2009

## Error Coefficients

Standard Error: 1080000  
 Relative Standard Error: 7.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.993

| ID | Level               | Concentration | Rel. Resp.  | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|-------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 5.000009      | 1.17092     | 250.0     | 260052.0    | 0.234184 | Y    |
| 2  | STD1 460-871602/4   | 20.000035     | 3.838729    | 250.0     | 261610.0    | 0.191936 | Y    |
| 3  | STD5 460-871602/5   | 100.000173    | 19.915414   | 250.0     | 270494.0    | 0.199154 | Y    |
| 4  | STD20 460-871602/6  | 400.000692    | 77.708198   | 250.0     | 285282.0    | 0.19427  | Y    |
| 5  | STD50 460-871602/7  | 1000.00173    | 193.746014  | 250.0     | 308867.0    | 0.193746 | Y    |
| 6  | STD200 460-871602/8 | 4000.00692    | 784.431723  | 250.0     | 314688.0    | 0.196108 | Y    |
| 7  | STD500 460-871602/9 | 10000.0173    | 1966.586873 | 250.0     | 309968.0    | 0.196658 | Y    |



# Calibration

/ cis-1,3-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

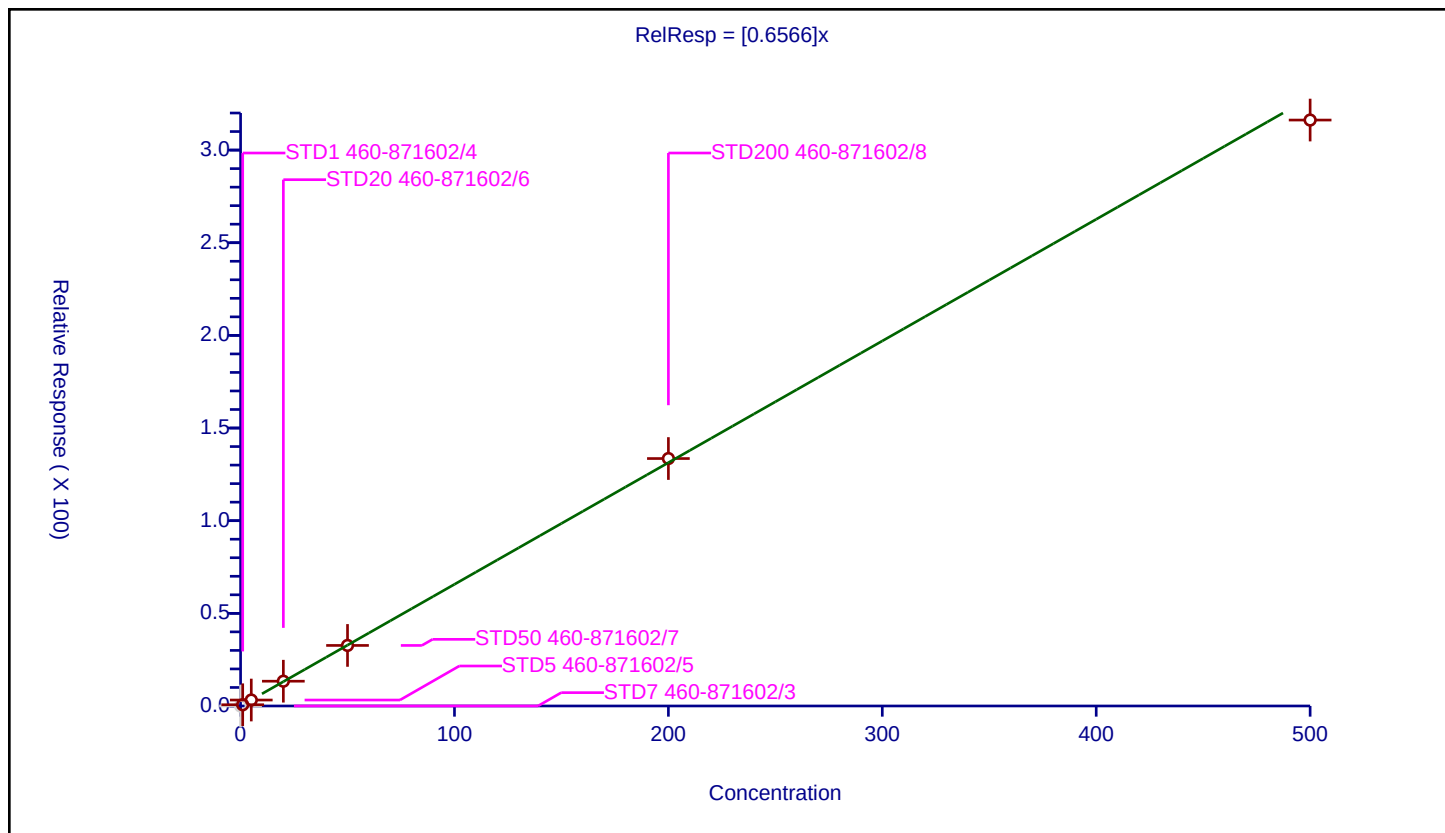
## Curve Coefficients

Intercept: 0  
 Slope: 0.6566

## Error Coefficients

Standard Error: 1180000  
 Relative Standard Error: 2.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 351311.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.67373    | 50.0      | 345836.0    | 0.67373  | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 3.217192   | 50.0      | 343778.0    | 0.643438 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 13.381389  | 50.0      | 344187.0    | 0.669069 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 32.674397  | 50.0      | 359266.0    | 0.653488 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 133.535531 | 50.0      | 362022.0    | 0.667678 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 316.204343 | 50.0      | 387427.0    | 0.632409 | Y    |



# Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

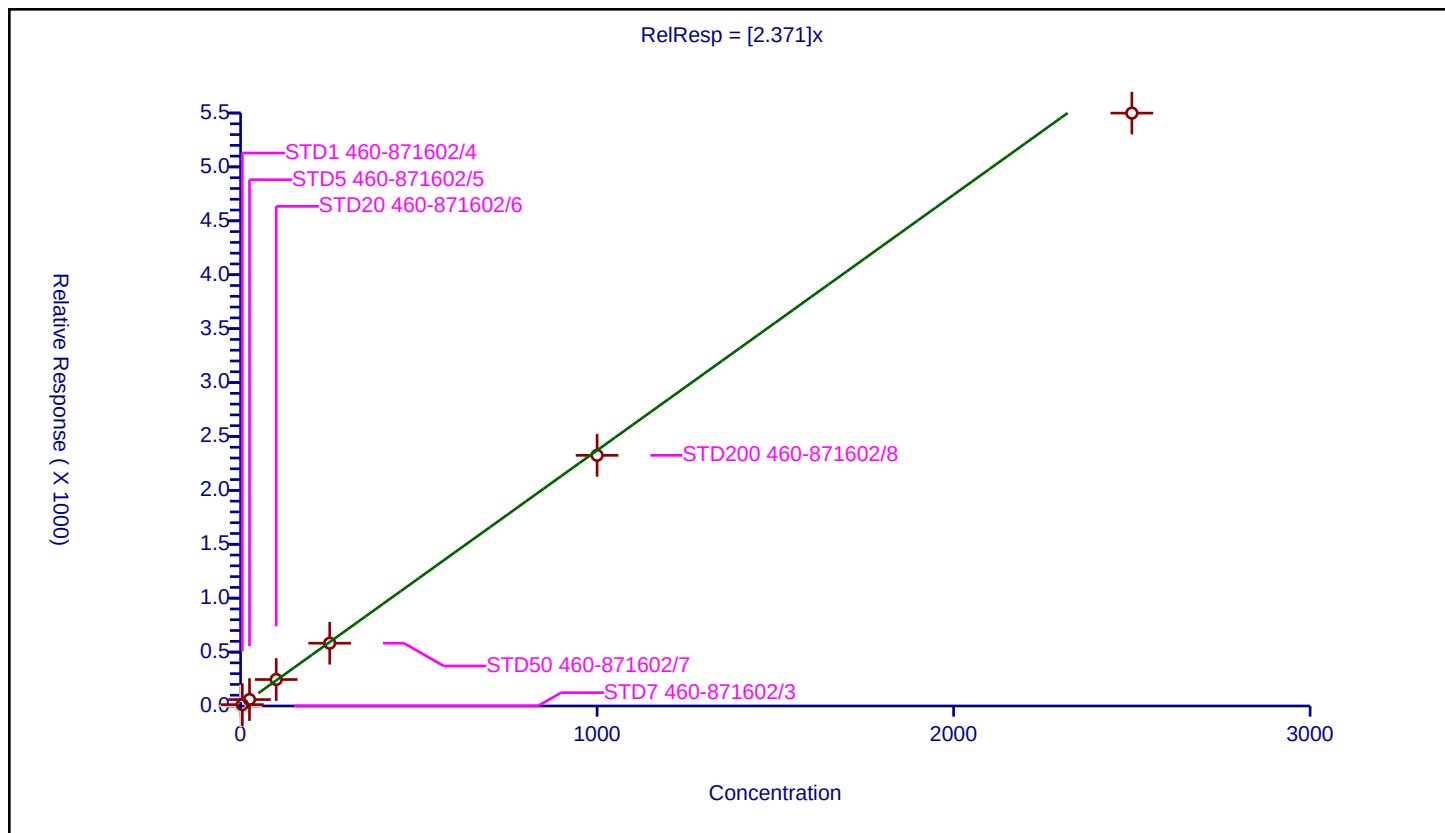
## Curve Coefficients

Intercept: 0  
 Slope: 2.371

## Error Coefficients

Standard Error: 3330000  
 Relative Standard Error: 4.8  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.997

| ID | Level               | Concentration | Rel. Resp.  | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|-------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0         | 250.0     | 260052.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 5.0           | 12.624709   | 250.0     | 261610.0    | 2.524942 | Y    |
| 3  | STD5 460-871602/5   | 25.0          | 59.787833   | 250.0     | 270494.0    | 2.391513 | Y    |
| 4  | STD20 460-871602/6  | 100.0         | 245.38965   | 250.0     | 285282.0    | 2.453896 | Y    |
| 5  | STD50 460-871602/7  | 250.0         | 582.442443  | 250.0     | 308867.0    | 2.32977  | Y    |
| 6  | STD200 460-871602/8 | 1000.0        | 2324.833645 | 250.0     | 314688.0    | 2.324834 | Y    |
| 7  | STD500 460-871602/9 | 2500.0        | 5499.086196 | 250.0     | 309968.0    | 2.199634 | Y    |



# Calibration

/ Toluene-d8 (Surr)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

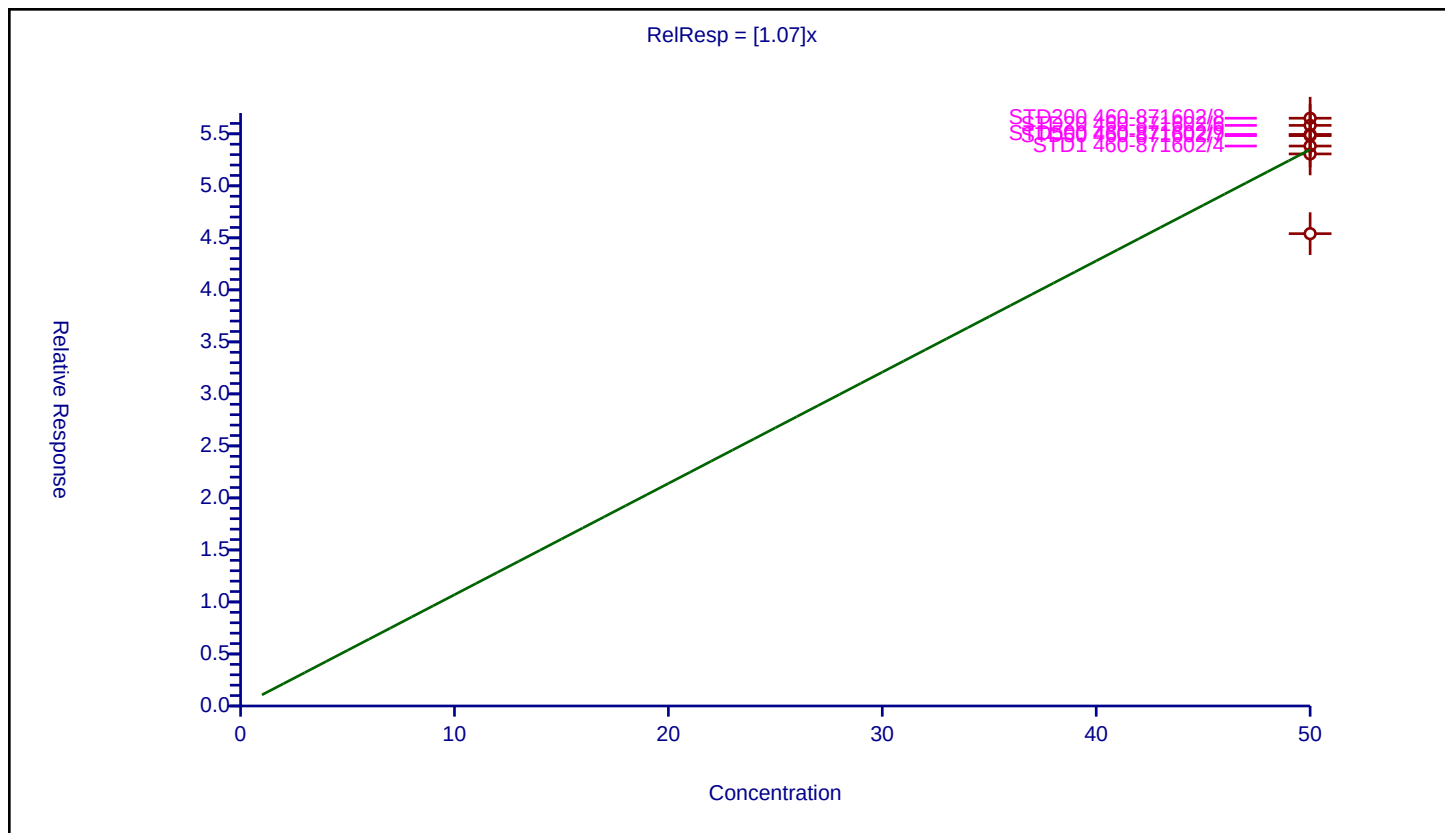
## Curve Coefficients

Intercept: 0  
 Slope: 1.07

## Error Coefficients

Standard Error: 414000  
 Relative Standard Error: 7.0  
 Correlation Coefficient: 0.00000000000000000000  
 Coefficient of Determination (Adjusted): 0

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 50.0          | 53.068079  | 50.0      | 351311.0    | 1.061362 | Y    |
| 2  | STD1 460-871602/4   | 50.0          | 53.825657  | 50.0      | 345836.0    | 1.076513 | Y    |
| 3  | STD5 460-871602/5   | 50.0          | 45.403138  | 50.0      | 343778.0    | 0.908063 | Y    |
| 4  | STD20 460-871602/6  | 50.0          | 55.811521  | 50.0      | 344187.0    | 1.11623  | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 54.82275   | 50.0      | 359266.0    | 1.096455 | Y    |
| 6  | STD200 460-871602/8 | 50.0          | 56.499881  | 50.0      | 362022.0    | 1.129998 | Y    |
| 7  | STD500 460-871602/9 | 50.0          | 54.945319  | 50.0      | 387427.0    | 1.098906 | Y    |





# Calibration

/ Toluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

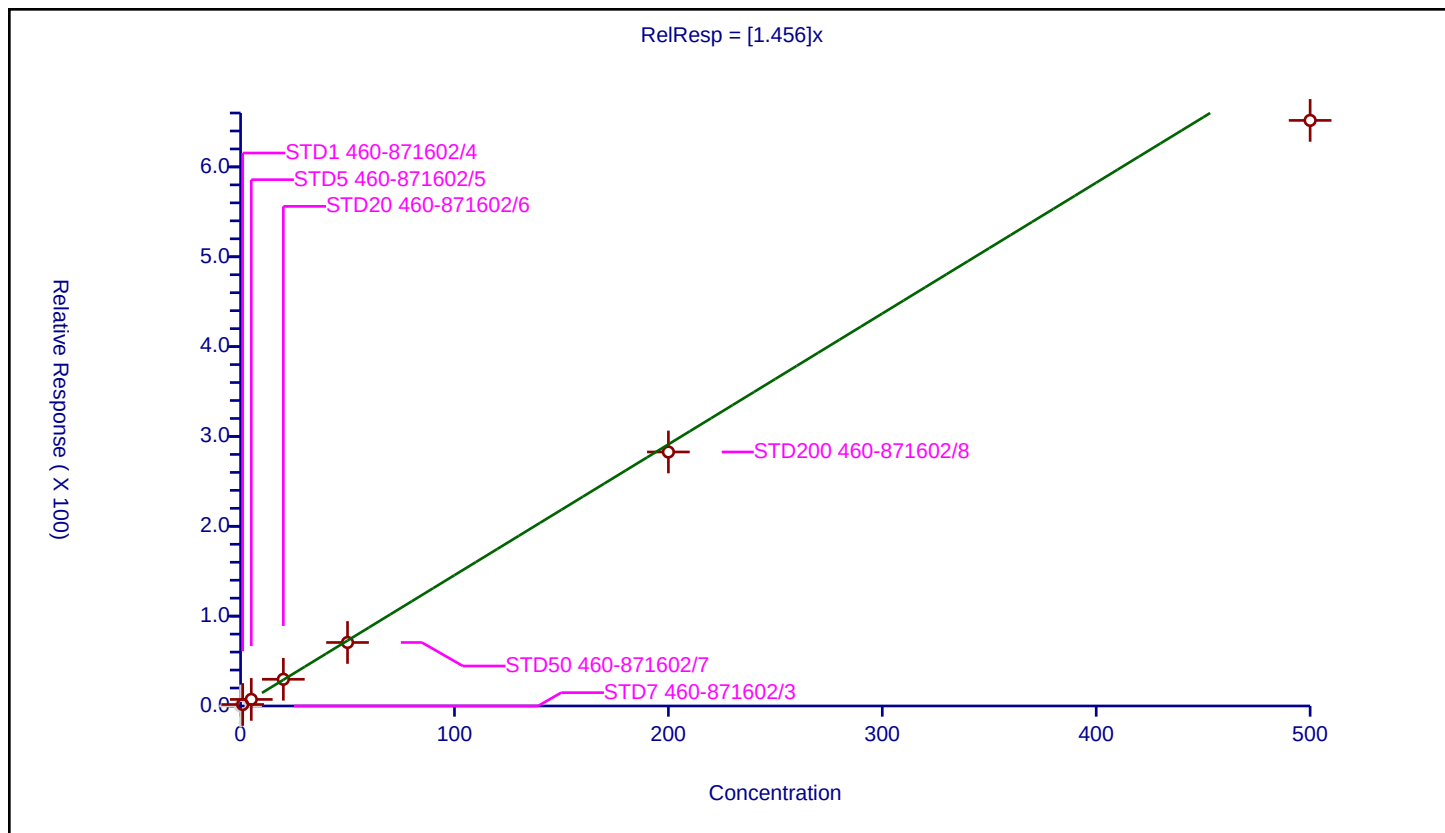
## Curve Coefficients

Intercept: 0  
 Slope: 1.456

## Error Coefficients

Standard Error: 2450000  
 Relative Standard Error: 8.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.992

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 351311.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 1.657144   | 50.0      | 345836.0    | 1.657144 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 7.31155    | 50.0      | 343778.0    | 1.46231  | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 29.719164  | 50.0      | 344187.0    | 1.485958 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 70.698591  | 50.0      | 359266.0    | 1.413972 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 282.710581 | 50.0      | 362022.0    | 1.413553 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 651.767301 | 50.0      | 387427.0    | 1.303535 | Y    |



# Calibration

/ trans-1,3-Dichloropropene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

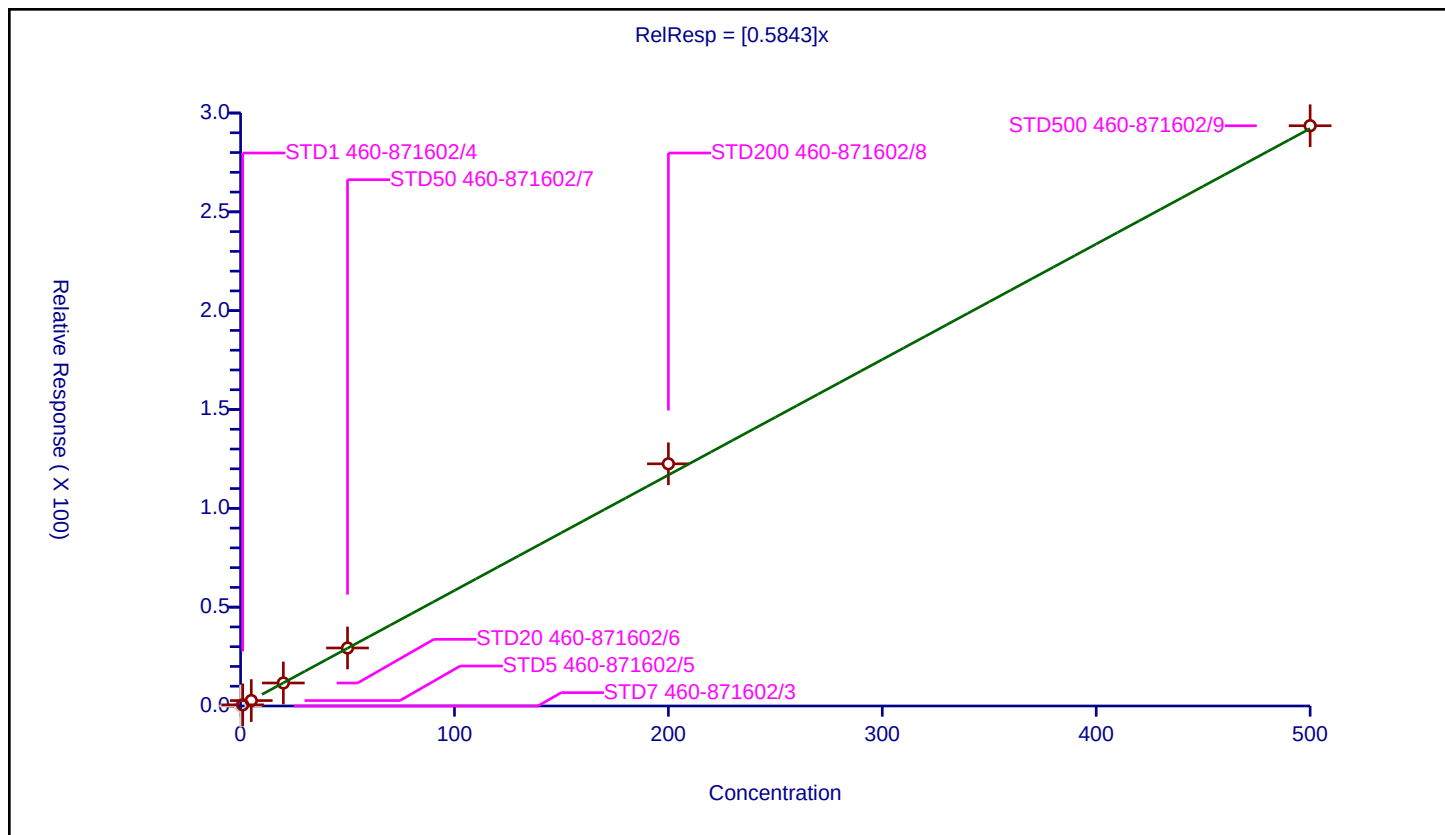
## Curve Coefficients

Intercept: 0  
 Slope: 0.5843

## Error Coefficients

Standard Error: 1100000  
 Relative Standard Error: 3.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 351311.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.587417   | 50.0      | 345836.0    | 0.587417 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 2.749885   | 50.0      | 343778.0    | 0.549977 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 11.633502  | 50.0      | 344187.0    | 0.581675 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 29.348032  | 50.0      | 359266.0    | 0.586961 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 122.524322 | 50.0      | 362022.0    | 0.612622 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 293.560593 | 50.0      | 387427.0    | 0.587121 | Y    |



# Calibration

/ 1,1,2-Trichloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

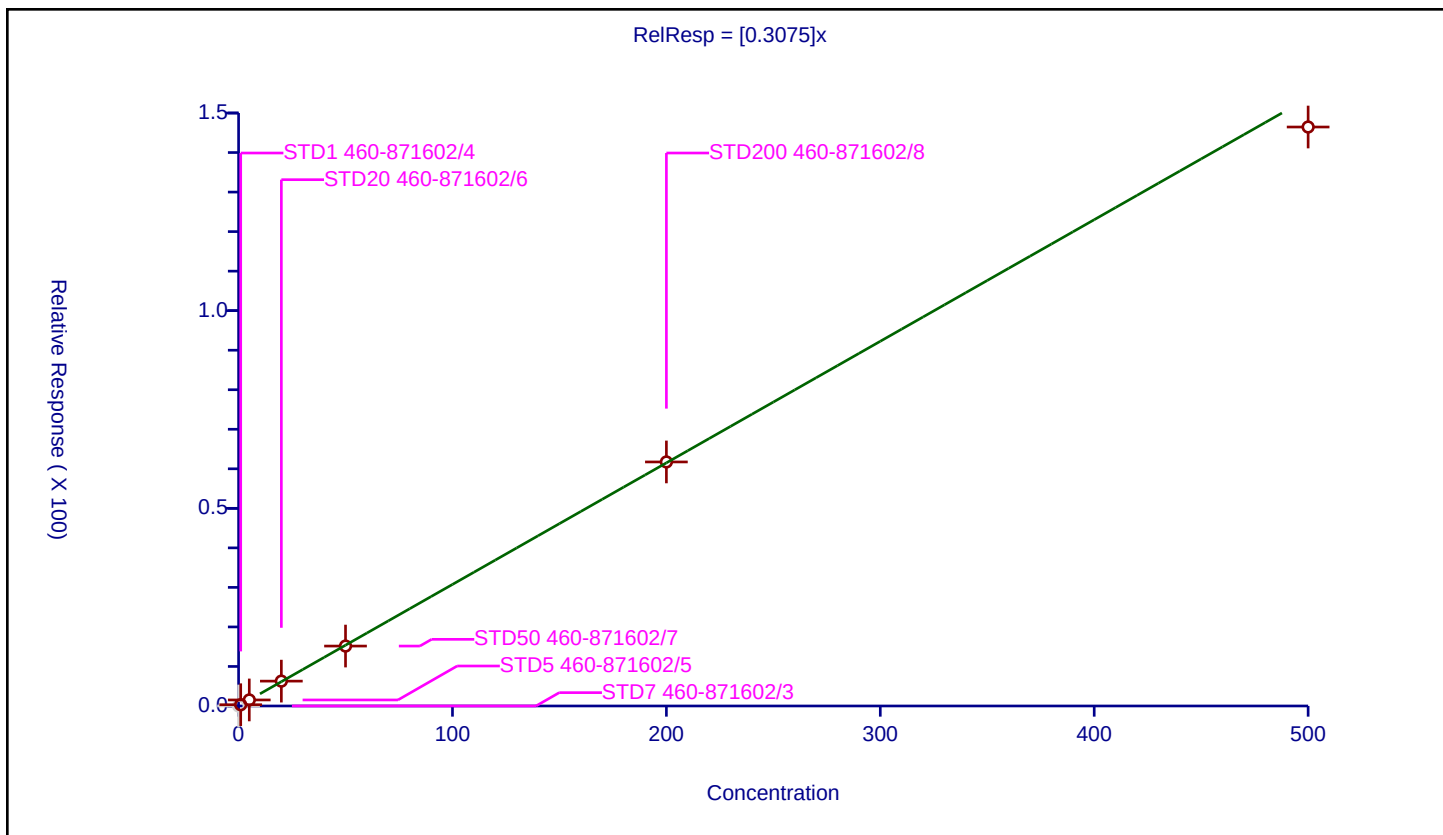
## Curve Coefficients

Intercept: 0  
 Slope: 0.3075

## Error Coefficients

Standard Error: 548000  
 Relative Standard Error: 3.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 351311.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.320094   | 50.0      | 345836.0    | 0.320094 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.528894   | 50.0      | 343778.0    | 0.305779 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 6.289314   | 50.0      | 344187.0    | 0.314466 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 15.162303  | 50.0      | 359266.0    | 0.303246 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 61.732022  | 50.0      | 362022.0    | 0.30866  | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 146.461785 | 50.0      | 387427.0    | 0.292924 | Y    |



# Calibration

/ Tetrachloroethene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

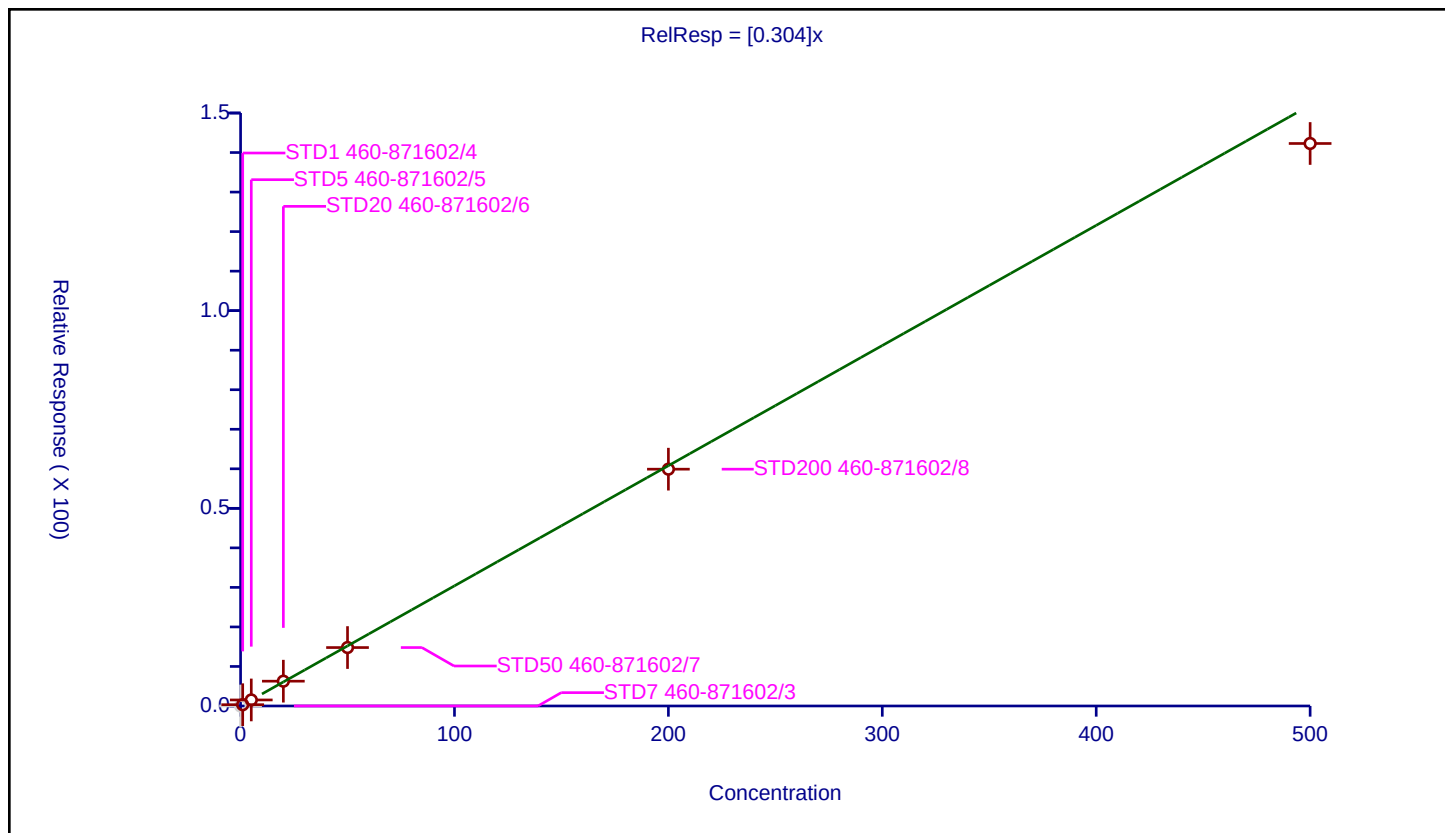
## Curve Coefficients

Intercept: 0  
 Slope: 0.304

## Error Coefficients

Standard Error: 532000  
 Relative Standard Error: 4.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.997

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 351311.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.32501    | 50.0      | 345836.0    | 0.32501  | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.524967   | 50.0      | 343778.0    | 0.304993 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 6.278273   | 50.0      | 344187.0    | 0.313914 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 14.785563  | 50.0      | 359266.0    | 0.295711 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 59.902575  | 50.0      | 362022.0    | 0.299513 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 142.291838 | 50.0      | 387427.0    | 0.284584 | Y    |



# Calibration

/ 1,3-Dichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

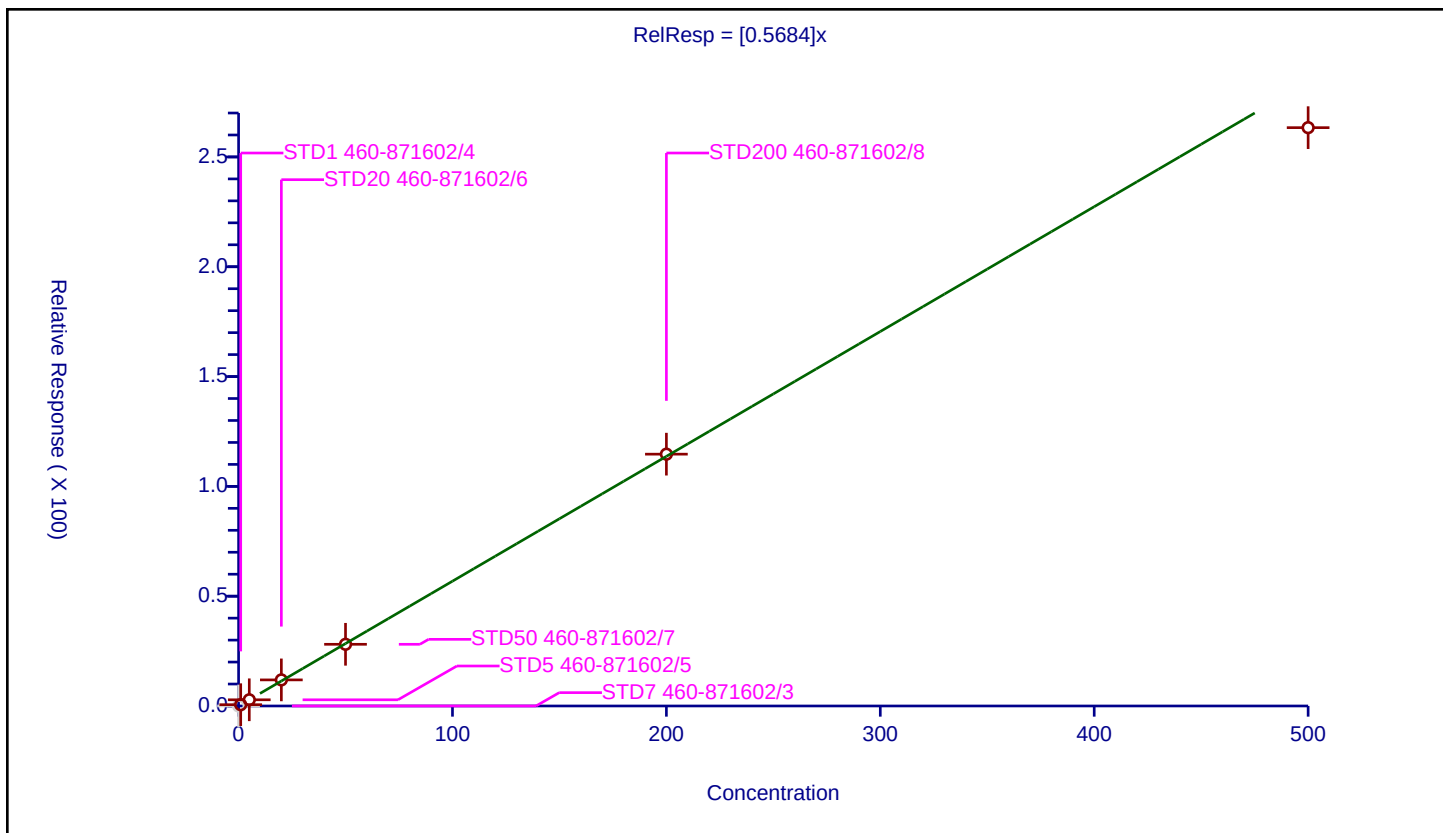
## Curve Coefficients

Intercept: 0  
 Slope: 0.5684

## Error Coefficients

Standard Error: 990000  
 Relative Standard Error: 4.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 351311.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.590598   | 50.0      | 345836.0    | 0.590598 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 2.818825   | 50.0      | 343778.0    | 0.563765 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 11.881332  | 50.0      | 344187.0    | 0.594067 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 28.089354  | 50.0      | 359266.0    | 0.561787 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 114.664993 | 50.0      | 362022.0    | 0.573325 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 263.328317 | 50.0      | 387427.0    | 0.526657 | Y    |



# Calibration

/ 2-Hexanone

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

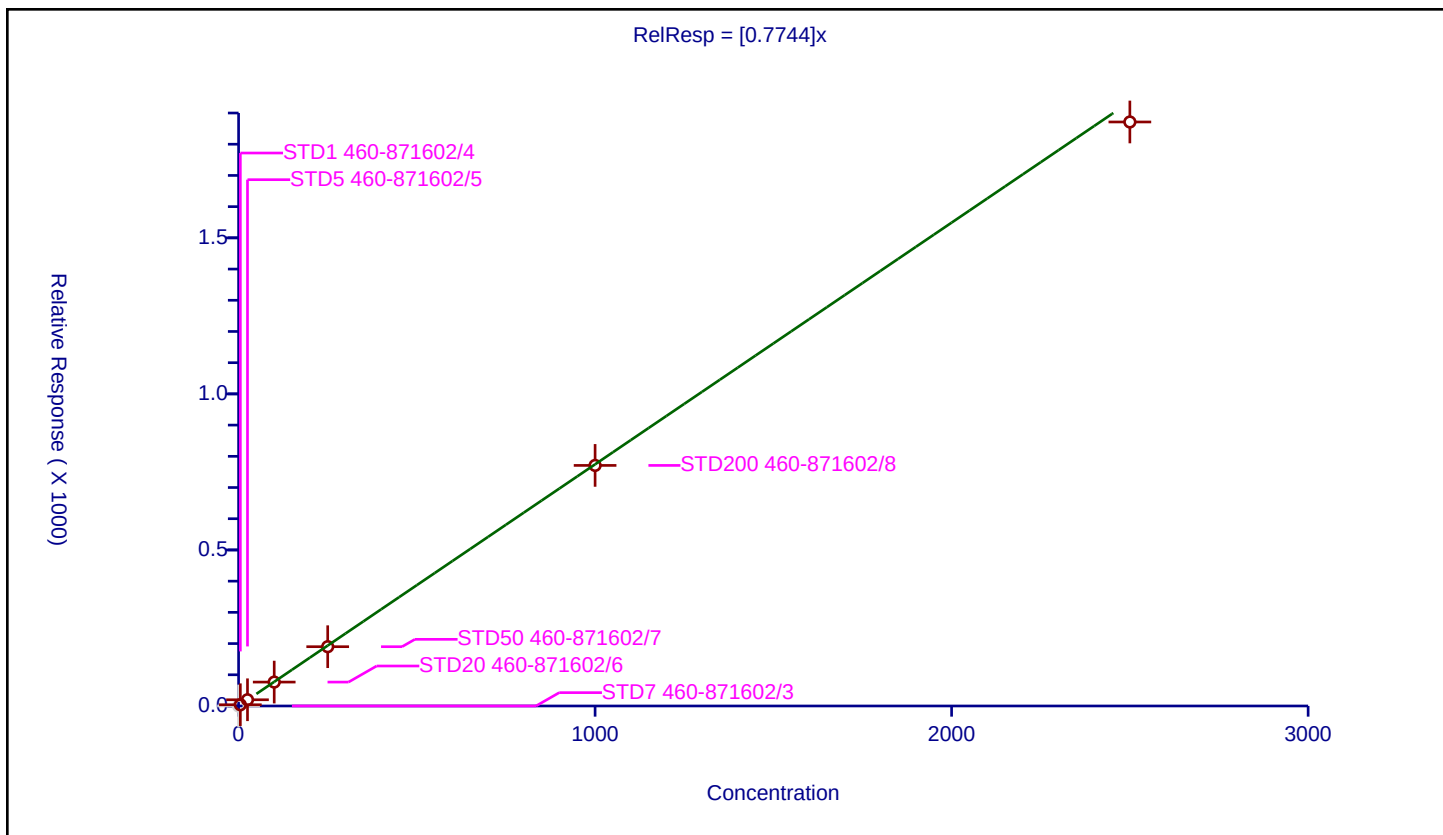
## Curve Coefficients

Intercept: 0  
 Slope: 0.7744

## Error Coefficients

Standard Error: 1130000  
 Relative Standard Error: 2.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 250.0     | 260052.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 5.0           | 4.012652   | 250.0     | 261610.0    | 0.80253  | Y    |
| 3  | STD5 460-871602/5   | 25.0          | 19.963474  | 250.0     | 270494.0    | 0.798539 | Y    |
| 4  | STD20 460-871602/6  | 100.0         | 76.593511  | 250.0     | 285282.0    | 0.765935 | Y    |
| 5  | STD50 460-871602/7  | 250.0         | 189.974973 | 250.0     | 308867.0    | 0.7599   | Y    |
| 6  | STD200 460-871602/8 | 1000.0        | 770.825389 | 250.0     | 314688.0    | 0.770825 | Y    |
| 7  | STD500 460-871602/9 | 2500.0        | 1871.28994 | 250.0     | 309968.0    | 0.748516 | Y    |



# Calibration

/ n-Butyl acetate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

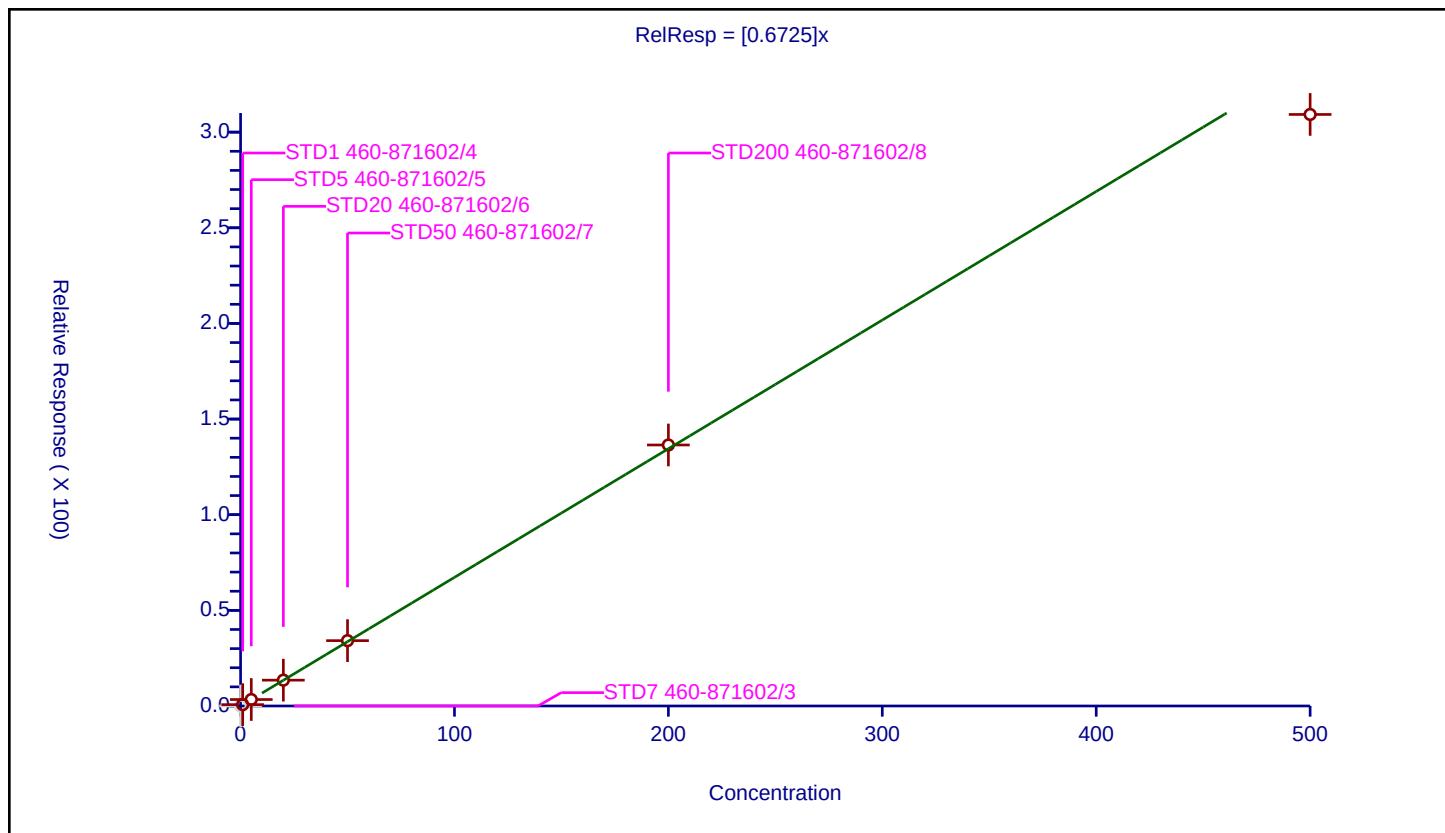
## Curve Coefficients

Intercept: 0  
 Slope: 0.6725

## Error Coefficients

Standard Error: 1160000  
 Relative Standard Error: 4.2  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 351311.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.700477   | 50.0      | 345836.0    | 0.700477 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 3.374852   | 50.0      | 343778.0    | 0.67497  | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 13.507483  | 50.0      | 344187.0    | 0.675374 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 34.165215  | 50.0      | 359266.0    | 0.683304 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 136.447094 | 50.0      | 362022.0    | 0.682235 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 309.244193 | 50.0      | 387427.0    | 0.618488 | Y    |



# Calibration

/ Chlorodibromomethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

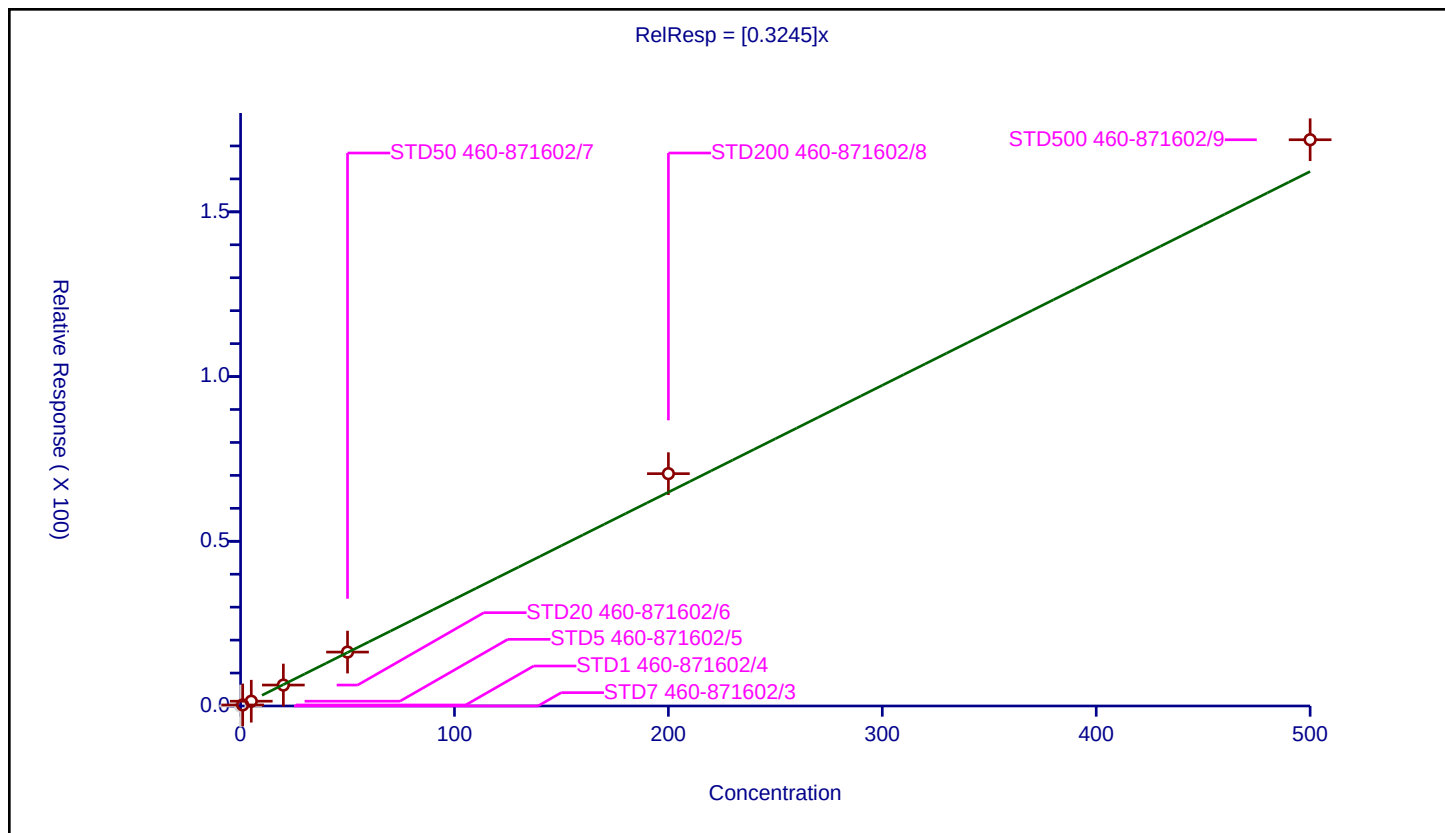
## Curve Coefficients

Intercept: 0  
 Slope: 0.3245

## Error Coefficients

Standard Error: 640000  
 Relative Standard Error: 6.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 351311.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.314166   | 50.0      | 345836.0    | 0.314166 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.456609   | 50.0      | 343778.0    | 0.291322 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 6.354395   | 50.0      | 344187.0    | 0.31772  | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 16.36225   | 50.0      | 359266.0    | 0.327245 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 70.523753  | 50.0      | 362022.0    | 0.352619 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 171.887865 | 50.0      | 387427.0    | 0.343776 | Y    |





# Calibration

/ Ethylene Dibromide

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

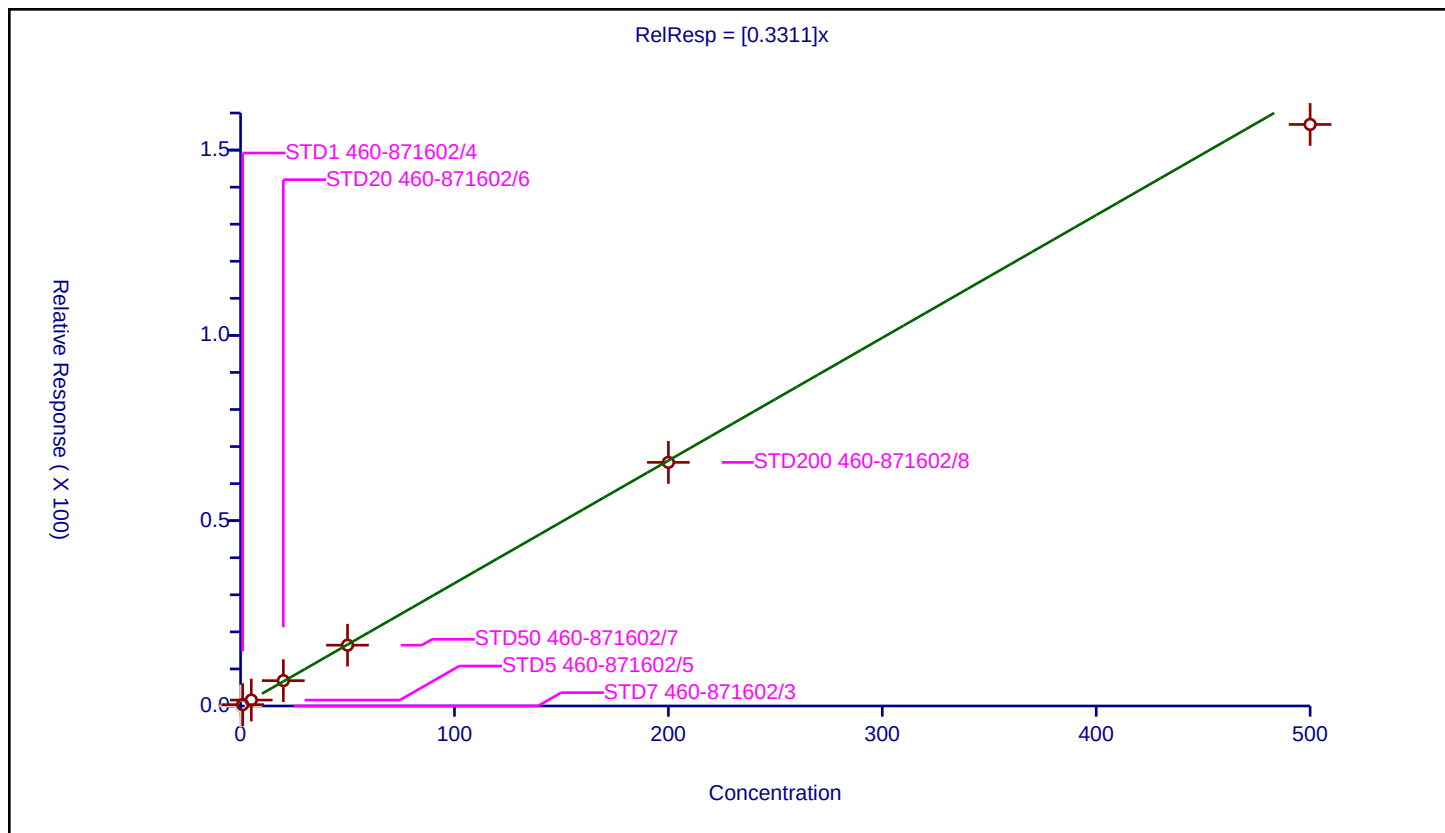
## Curve Coefficients

Intercept: 0  
 Slope: 0.3311

## Error Coefficients

Standard Error: 587000  
 Relative Standard Error: 4.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 351311.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.353925   | 50.0      | 345836.0    | 0.353925 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.602488   | 50.0      | 343778.0    | 0.320498 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 6.835674   | 50.0      | 344187.0    | 0.341784 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 16.406367  | 50.0      | 359266.0    | 0.328127 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 65.730674  | 50.0      | 362022.0    | 0.328653 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 156.916658 | 50.0      | 387427.0    | 0.313833 | Y    |



# Calibration

/ Chlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

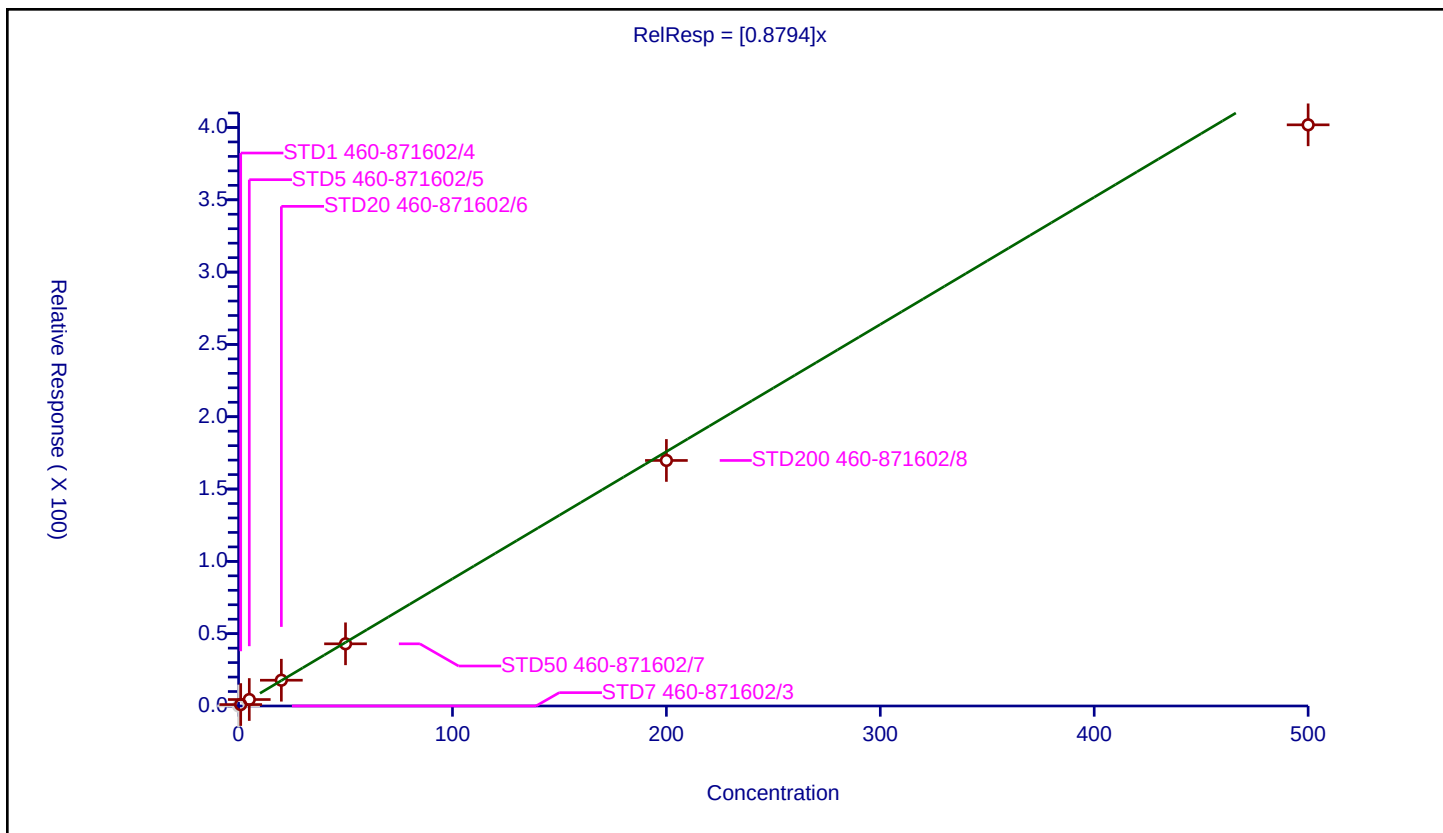
## Curve Coefficients

Intercept: 0  
 Slope: 0.8794

## Error Coefficients

Standard Error: 1500000  
 Relative Standard Error: 6.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 351311.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.977776   | 50.0      | 345836.0    | 0.977776 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 4.476435   | 50.0      | 343778.0    | 0.895287 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 17.826065  | 50.0      | 344187.0    | 0.891303 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 42.986812  | 50.0      | 359266.0    | 0.859736 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 169.760678 | 50.0      | 362022.0    | 0.848803 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 401.838024 | 50.0      | 387427.0    | 0.803676 | Y    |



# Calibration

/ Ethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

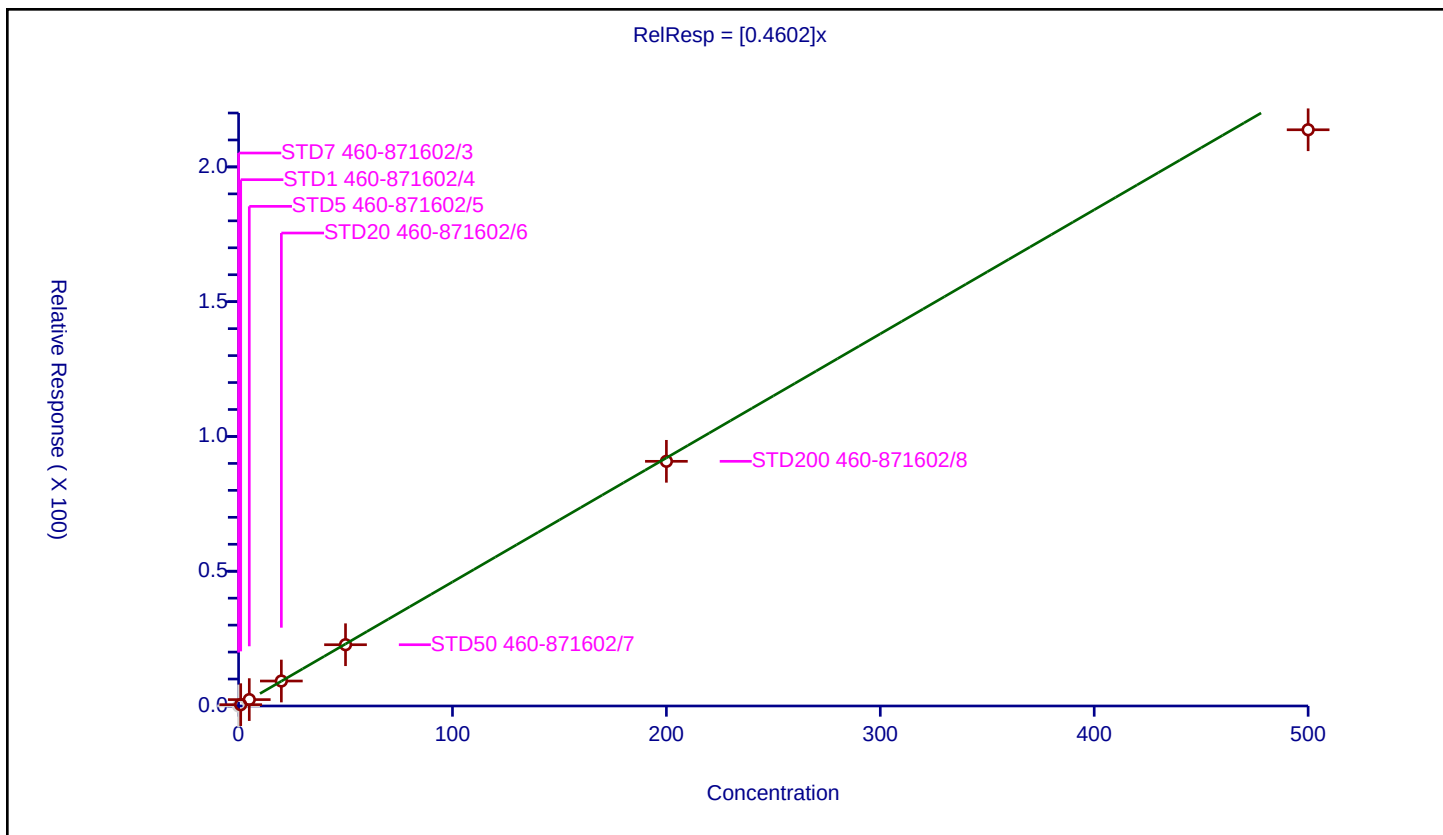
## Curve Coefficients

Intercept: 0  
 Slope: 0.4602

## Error Coefficients

Standard Error: 801000  
 Relative Standard Error: 4.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.010105   | 50.0      | 351311.0    |          | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.487225   | 50.0      | 345836.0    | 0.487225 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 2.372752   | 50.0      | 343778.0    | 0.47455  | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 9.270106   | 50.0      | 344187.0    | 0.463505 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 22.733852  | 50.0      | 359266.0    | 0.454677 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 90.775146  | 50.0      | 362022.0    | 0.453876 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 213.784532 | 50.0      | 387427.0    | 0.427569 | Y    |



# Calibration

/ 1,1,1,2-Tetrachloroethane

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

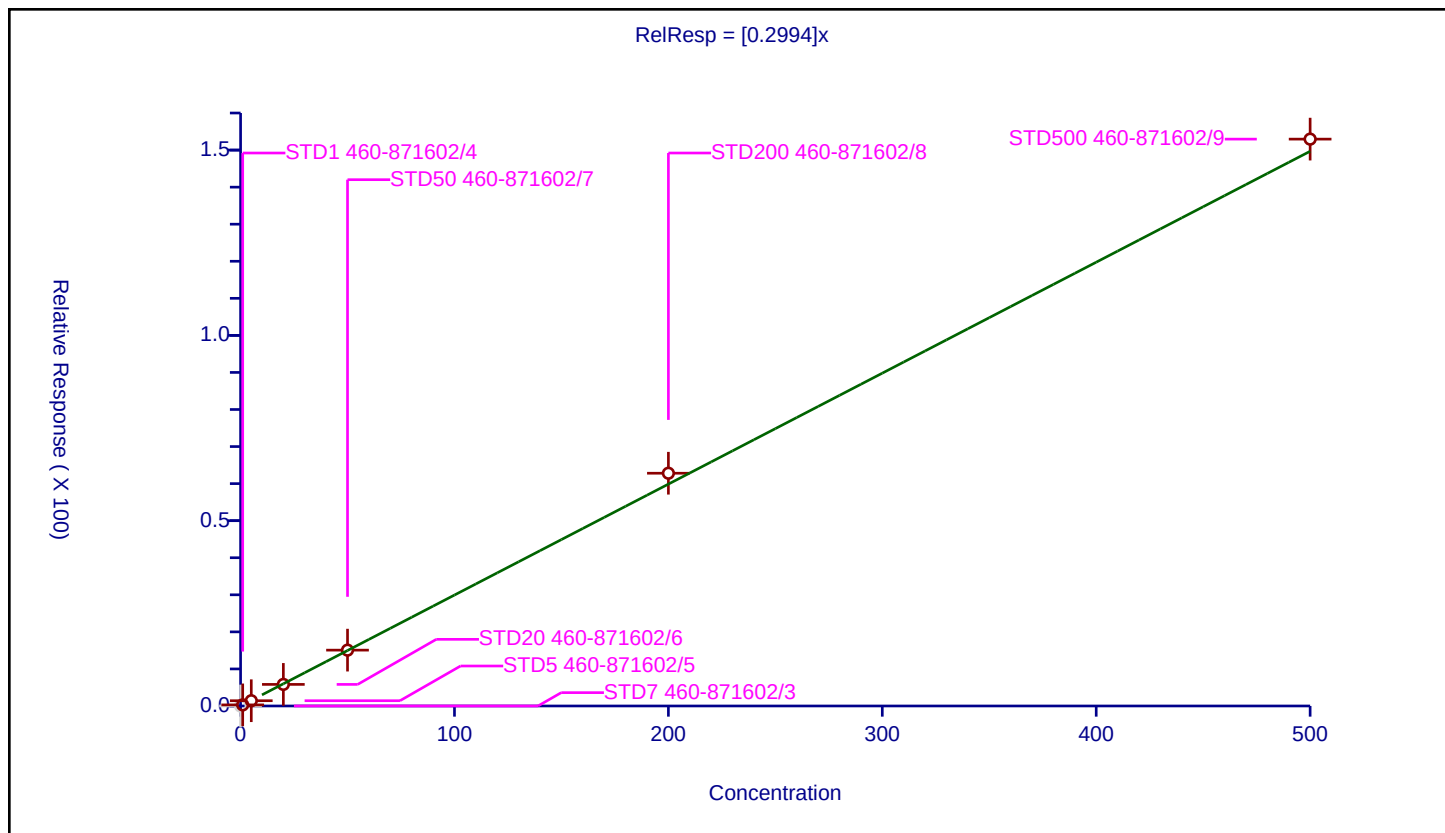
## Curve Coefficients

Intercept: 0  
Slope: 0.2994

## Error Coefficients

Standard Error: 570000  
Relative Standard Error: 3.6  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.999

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 351311.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.299709   | 50.0      | 345836.0    | 0.299709 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.419812   | 50.0      | 343778.0    | 0.283962 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 5.822416   | 50.0      | 344187.0    | 0.291121 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 15.069197  | 50.0      | 359266.0    | 0.301384 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 62.803089  | 50.0      | 362022.0    | 0.314015 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 152.958622 | 50.0      | 387427.0    | 0.305917 | Y    |



# Calibration

/ m-Xylene & p-Xylene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

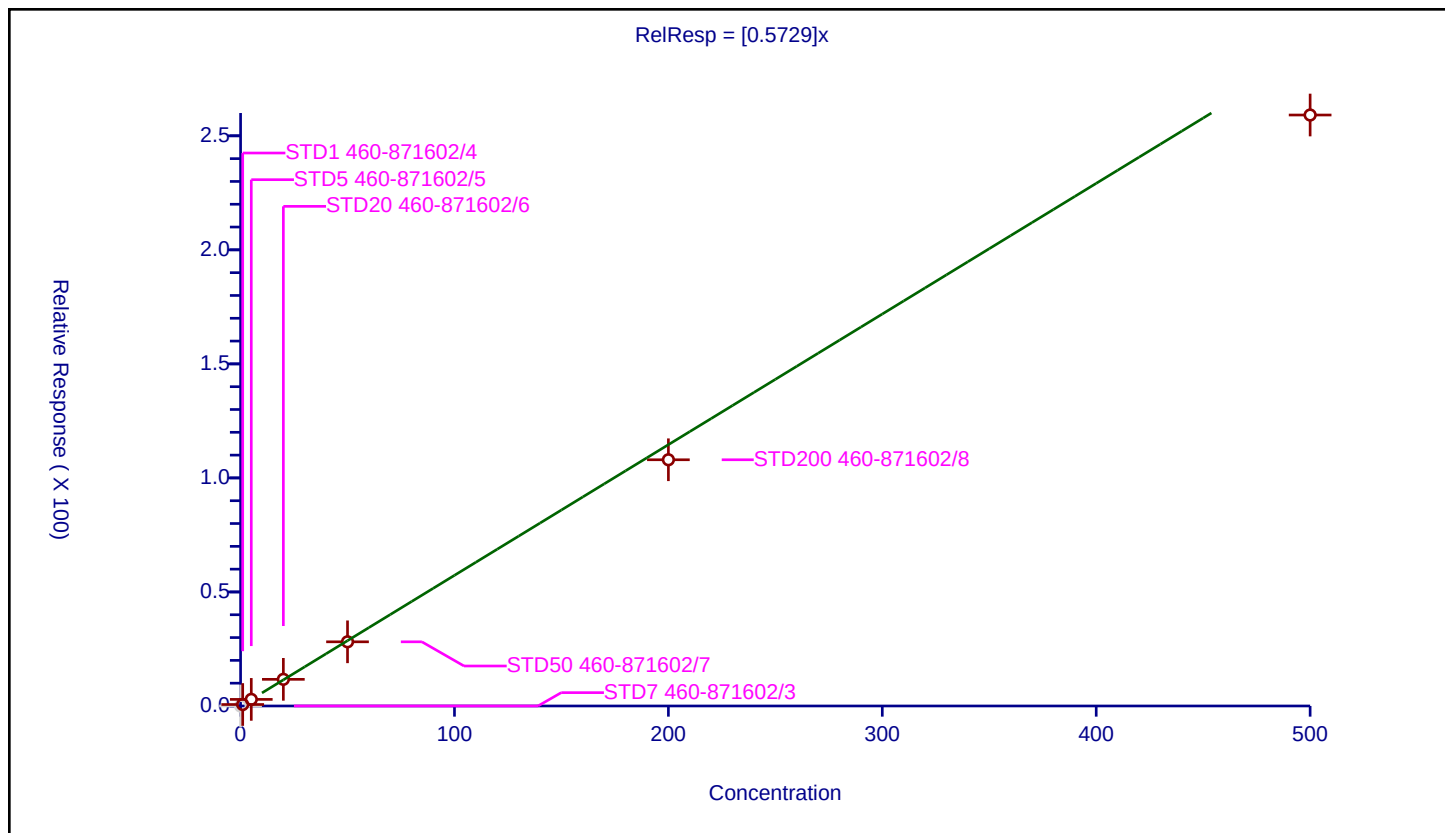
## Curve Coefficients

Intercept: 0  
 Slope: 0.5729

## Error Coefficients

Standard Error: 968000  
 Relative Standard Error: 8.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.992

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 351311.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.652621   | 50.0      | 345836.0    | 0.652621 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 2.896346   | 50.0      | 343778.0    | 0.579269 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 11.688849  | 50.0      | 344187.0    | 0.584442 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 28.142797  | 50.0      | 359266.0    | 0.562856 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 107.964019 | 50.0      | 362022.0    | 0.53982  | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 259.123912 | 50.0      | 387427.0    | 0.518248 | Y    |



# Calibration

/ o-Xylene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

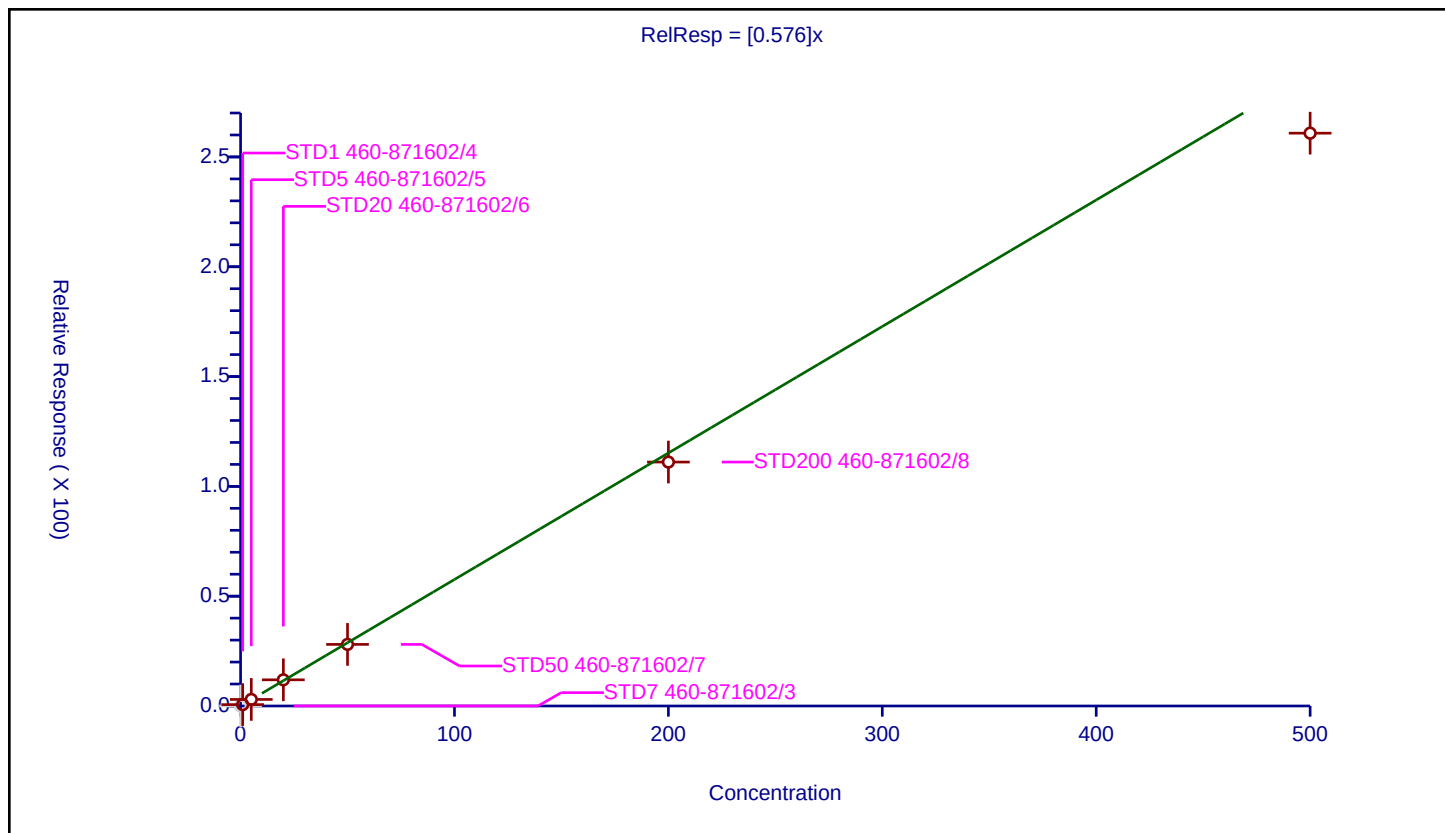
## Curve Coefficients

Intercept: 0  
 Slope: 0.576

## Error Coefficients

Standard Error: 978000  
 Relative Standard Error: 6.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 351311.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.625296   | 50.0      | 345836.0    | 0.625296 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 2.984775   | 50.0      | 343778.0    | 0.596955 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 11.915616  | 50.0      | 344187.0    | 0.595781 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 28.045376  | 50.0      | 359266.0    | 0.560908 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 111.067836 | 50.0      | 362022.0    | 0.555339 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 260.822426 | 50.0      | 387427.0    | 0.521645 | Y    |



# Calibration

/ n-Butyl acrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

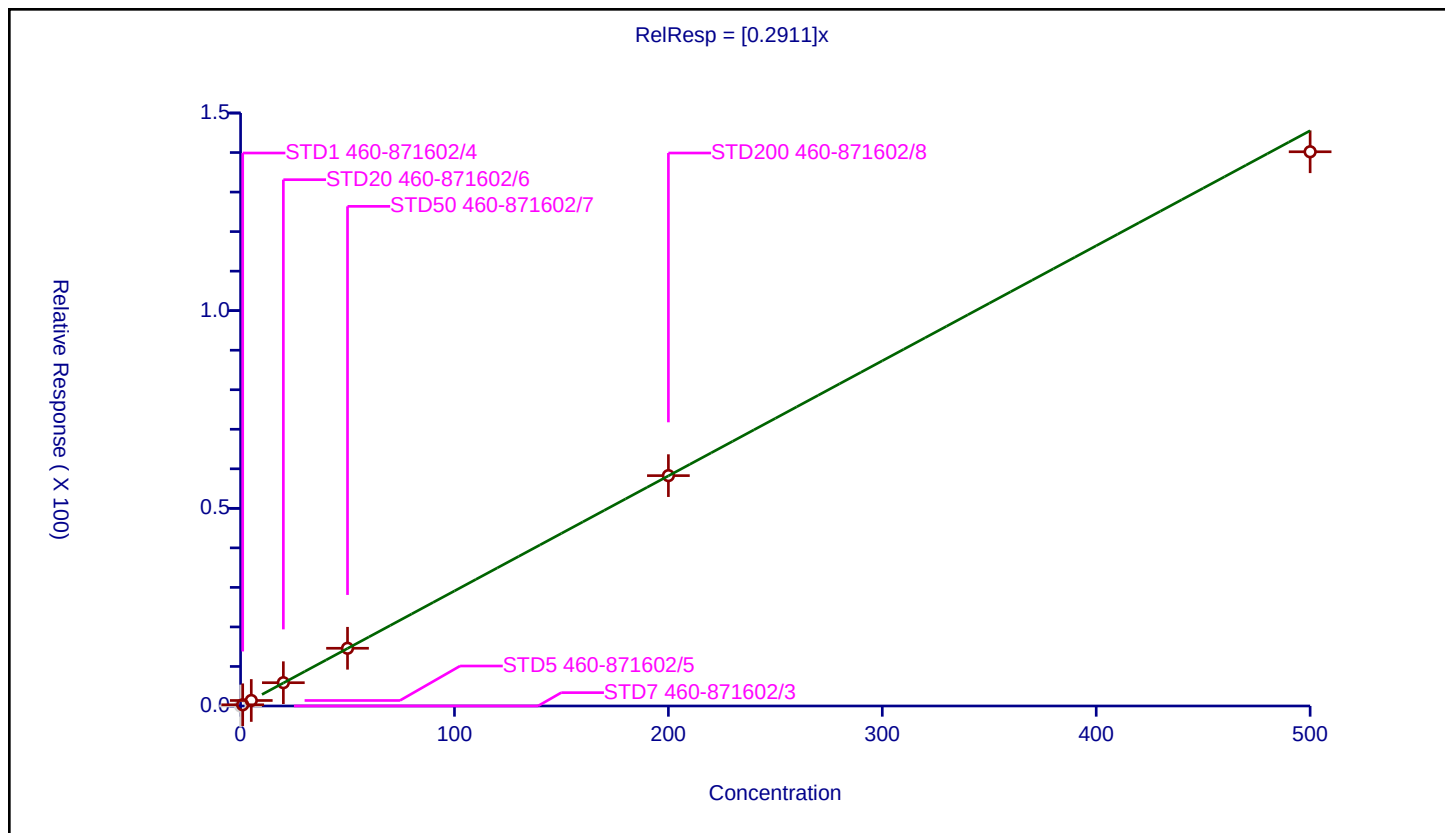
## Curve Coefficients

Intercept: 0  
 Slope: 0.2911

## Error Coefficients

Standard Error: 524000  
 Relative Standard Error: 3.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.998

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 351311.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.309251   | 50.0      | 345836.0    | 0.309251 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.394505   | 50.0      | 343778.0    | 0.278901 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 5.889386   | 50.0      | 344187.0    | 0.294469 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 14.599489  | 50.0      | 359266.0    | 0.29199  | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 58.272011  | 50.0      | 362022.0    | 0.29136  | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 140.196218 | 50.0      | 387427.0    | 0.280392 | Y    |



# Calibration

/ Styrene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

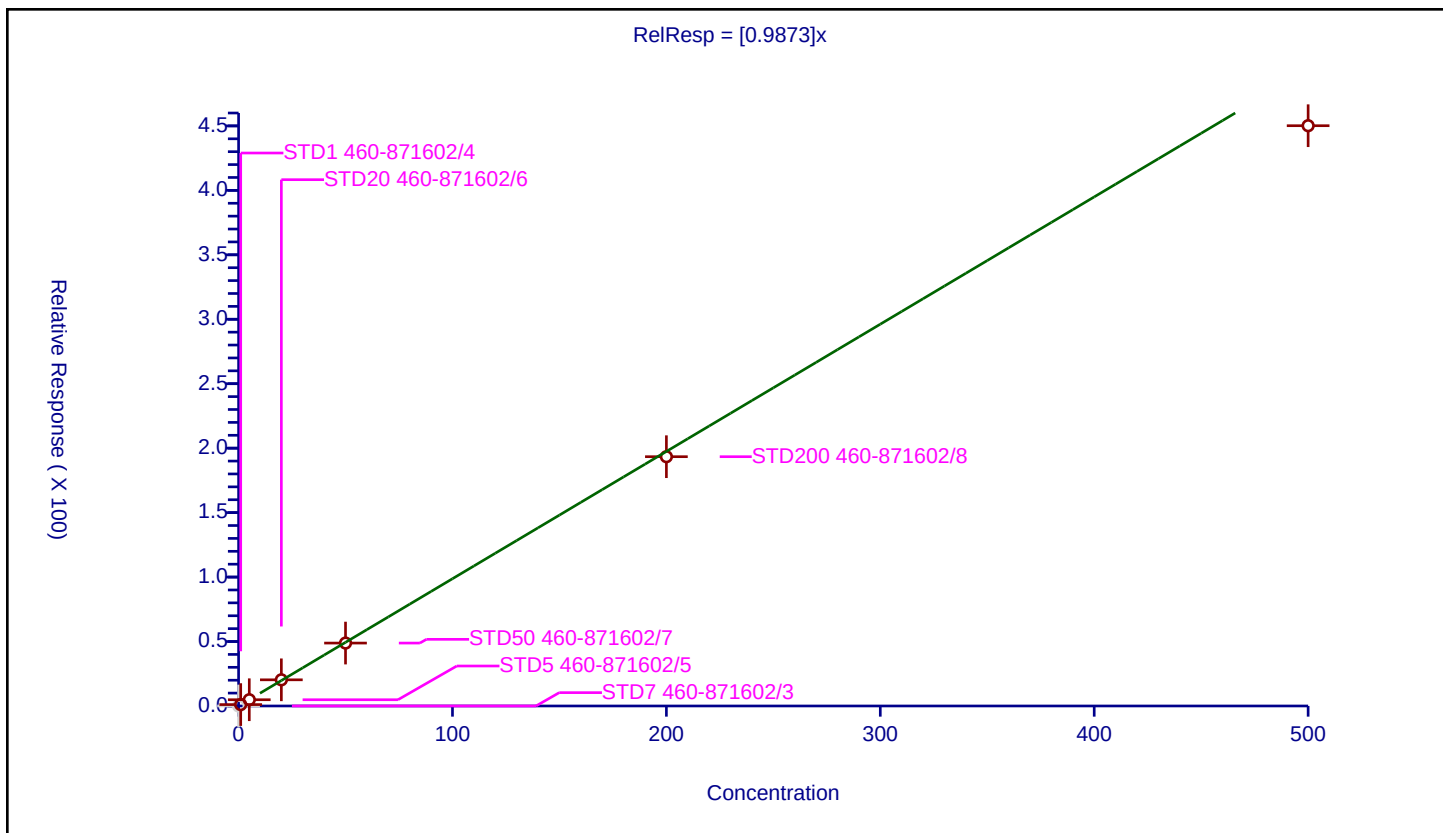
## Curve Coefficients

Intercept: 0  
 Slope: 0.9873

## Error Coefficients

Standard Error: 1690000  
 Relative Standard Error: 6.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 351311.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 1.094739   | 50.0      | 345836.0    | 1.094739 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 4.852841   | 50.0      | 343778.0    | 0.970568 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 20.299721  | 50.0      | 344187.0    | 1.014986 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 48.803811  | 50.0      | 359266.0    | 0.976076 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 193.39612  | 50.0      | 362022.0    | 0.966981 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 450.162998 | 50.0      | 387427.0    | 0.900326 | Y    |





## Calibration

/ Bromoform

**Curve Type:** Average  
**Weighting:** Conc\_Sq  
**Origin:** Force  
**Dependency:** Response  
**Calib Mode:** ISTD  
**Response Base:** AREA  
**RF Rounding:** 0

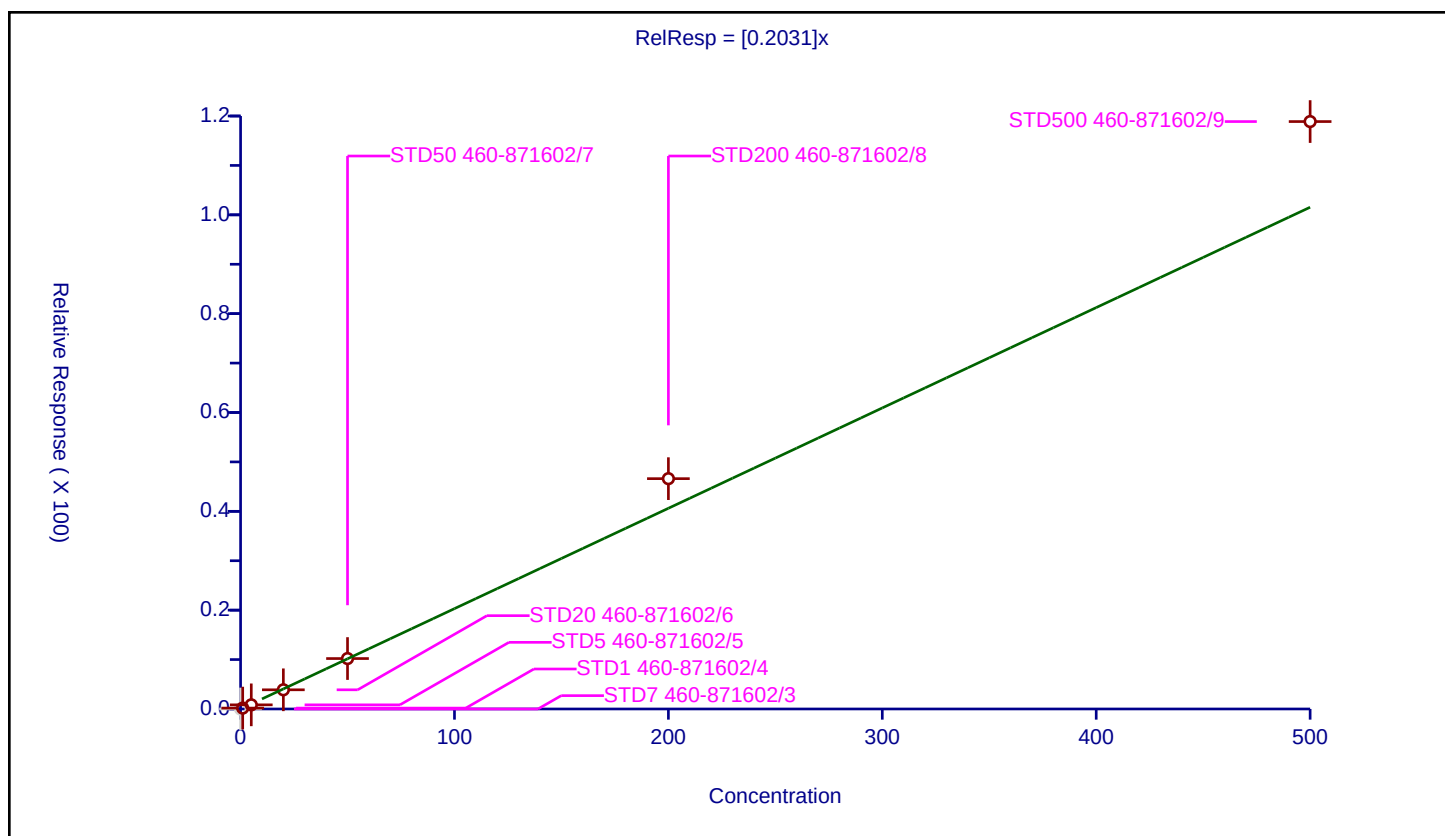
## Curve Coefficients

**Intercept:** 0  
**Slope:** 0.2031

## Error Coefficients

**Standard Error:** 440000  
**Relative Standard Error:** 13.7  
**Correlation Coefficient:** 0.999  
**Coefficient of Determination (Adjusted):** 0.981

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 351311.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.181734   | 50.0      | 345836.0    | 0.181734 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 0.838041   | 50.0      | 343778.0    | 0.167608 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 3.883354   | 50.0      | 344187.0    | 0.194168 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 10.206087  | 50.0      | 359266.0    | 0.204122 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 46.61167   | 50.0      | 362022.0    | 0.233058 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 118.880073 | 50.0      | 387427.0    | 0.23776  | Y    |



# Calibration

/ Amyl acetate (mixed isomers)

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

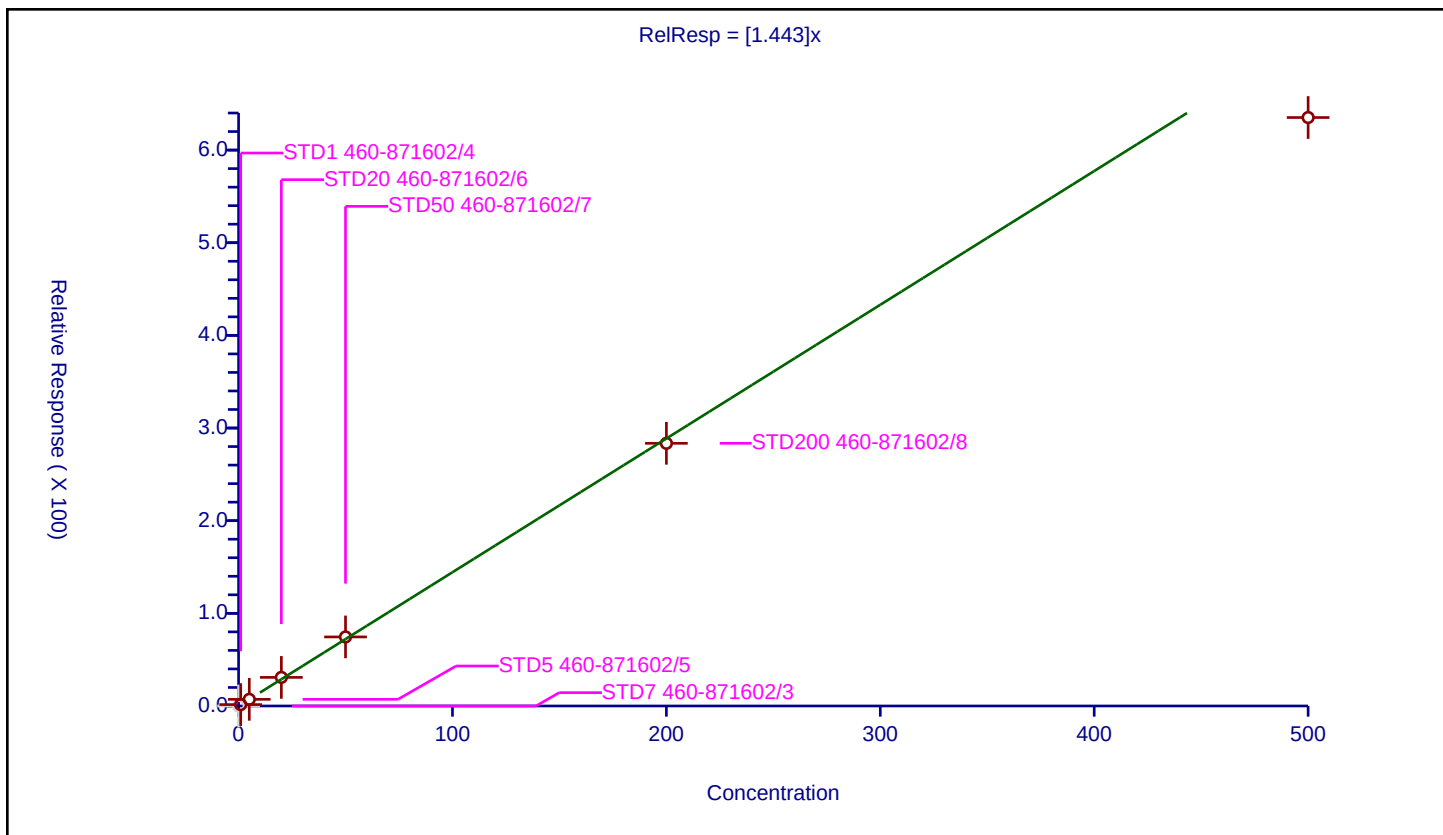
## Curve Coefficients

Intercept: 0  
 Slope: 1.443

## Error Coefficients

Standard Error: 1410000  
 Relative Standard Error: 6.7  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 1.49978    | 50.0      | 189061.0    | 1.49978  | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 7.192111   | 50.0      | 189541.0    | 1.438422 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 30.882182  | 50.0      | 189292.0    | 1.544109 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 74.523869  | 50.0      | 195797.0    | 1.490477 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 283.502623 | 50.0      | 203202.0    | 1.417513 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 635.144717 | 50.0      | 229171.0    | 1.270289 | Y    |



## Calibration

/ Isopropylbenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

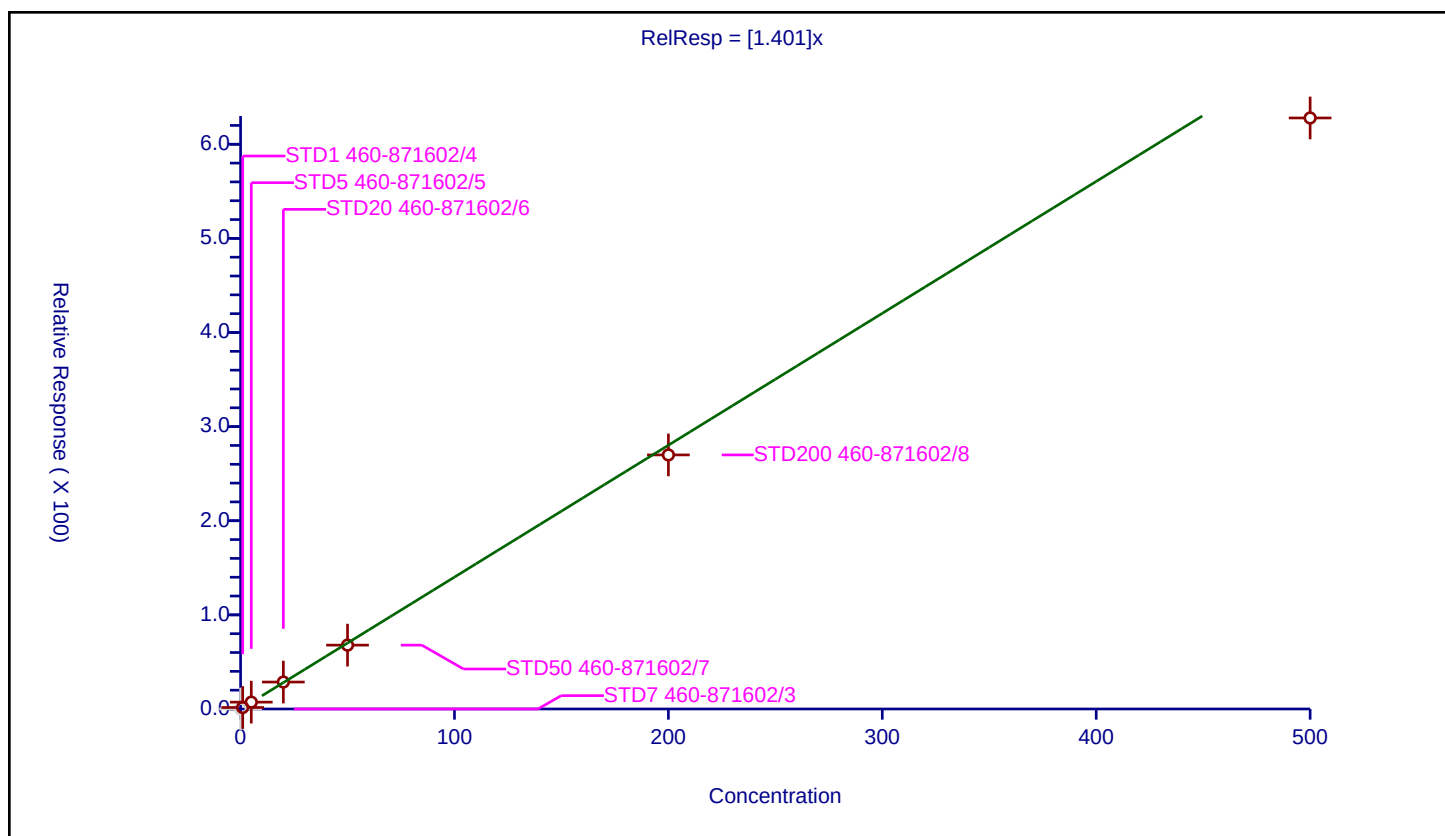
## Curve Coefficients

Intercept: 0  
Slope: 1.401

## Error Coefficients

Standard Error: 2360000  
Relative Standard Error: 7.5  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.993

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 351311.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 1.562735   | 50.0      | 345836.0    | 1.562735 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 7.258172   | 50.0      | 343778.0    | 1.451634 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 28.618309  | 50.0      | 344187.0    | 1.430915 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 67.844717  | 50.0      | 359266.0    | 1.356894 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 269.928761 | 50.0      | 362022.0    | 1.349644 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 627.933004 | 50.0      | 387427.0    | 1.255866 | Y    |



# Calibration

/ 4-Bromofluorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

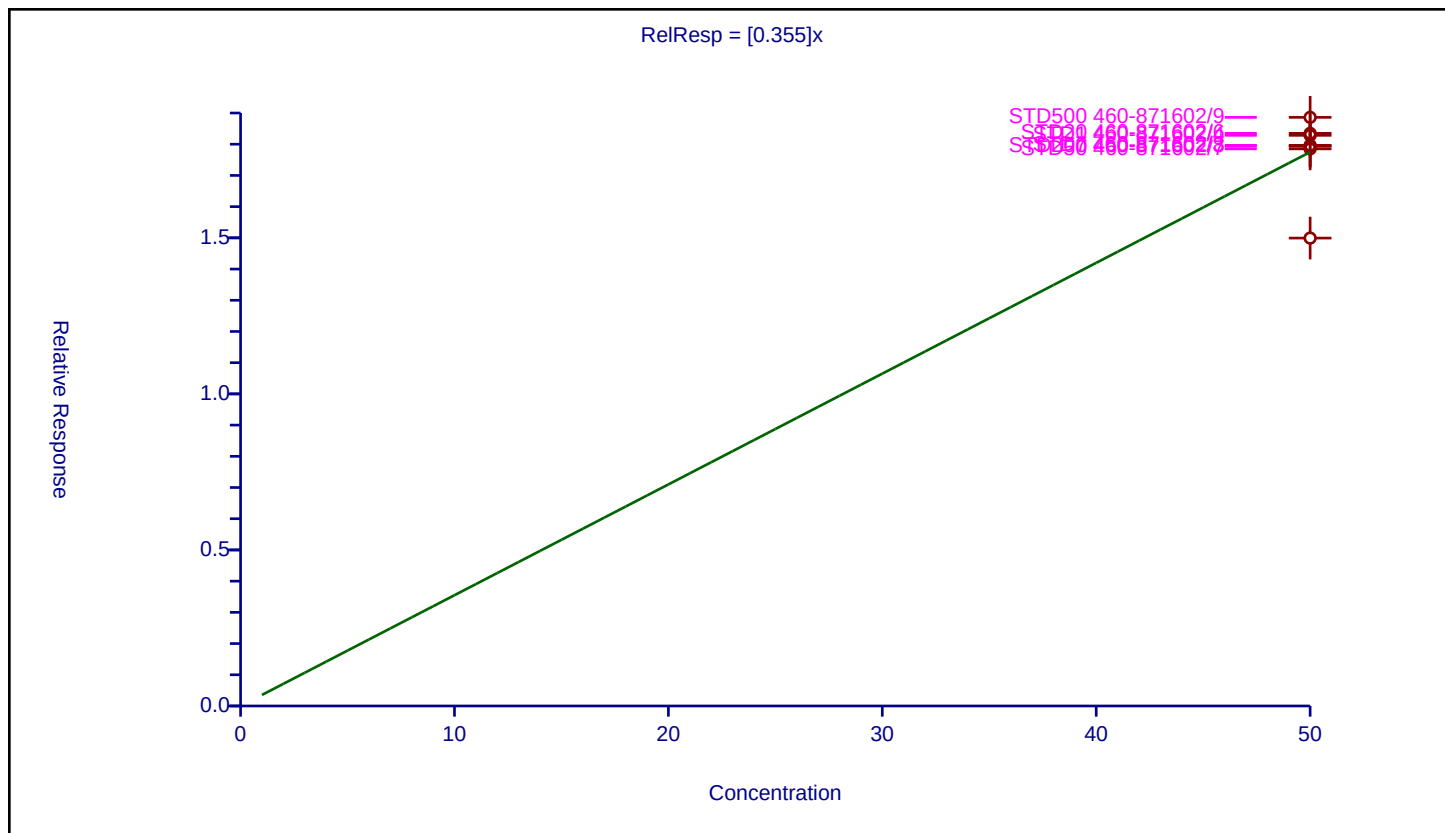
## Curve Coefficients

Intercept: 0  
 Slope: 0.355

## Error Coefficients

Standard Error: 137000  
 Relative Standard Error: 7.1  
 Correlation Coefficient: NA  
 Coefficient of Determination (Adjusted): 0

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 50.0          | 17.964567  | 50.0      | 351311.0    | 0.359291 | Y    |
| 2  | STD1 460-871602/4   | 50.0          | 18.284967  | 50.0      | 345836.0    | 0.365699 | Y    |
| 3  | STD5 460-871602/5   | 50.0          | 14.992815  | 50.0      | 343778.0    | 0.299856 | Y    |
| 4  | STD20 460-871602/6  | 50.0          | 18.349182  | 50.0      | 344187.0    | 0.366984 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 17.851119  | 50.0      | 359266.0    | 0.357022 | Y    |
| 6  | STD200 460-871602/8 | 50.0          | 17.934269  | 50.0      | 362022.0    | 0.358685 | Y    |
| 7  | STD500 460-871602/9 | 50.0          | 18.860456  | 50.0      | 387427.0    | 0.377209 | Y    |



# Calibration

/ Bromobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

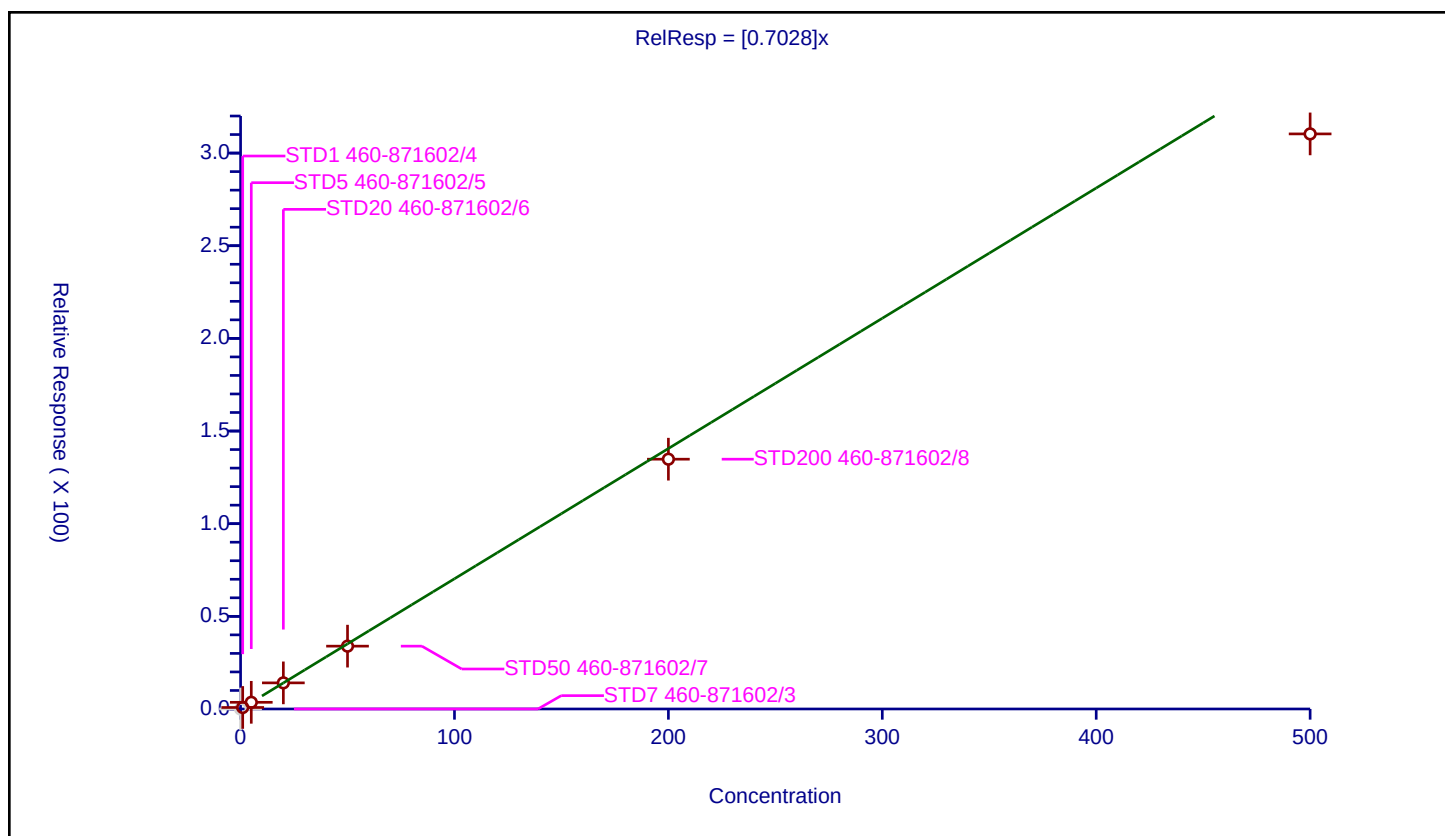
## Curve Coefficients

Intercept: 0  
 Slope: 0.7028

## Error Coefficients

Standard Error: 685000  
 Relative Standard Error: 9.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.989

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.817197   | 50.0      | 189061.0    | 0.817197 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 3.611883   | 50.0      | 189541.0    | 0.722377 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 14.091192  | 50.0      | 189292.0    | 0.70456  | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 33.906035  | 50.0      | 195797.0    | 0.678121 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 134.804283 | 50.0      | 203202.0    | 0.674021 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 310.339877 | 50.0      | 229171.0    | 0.62068  | Y    |



## Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

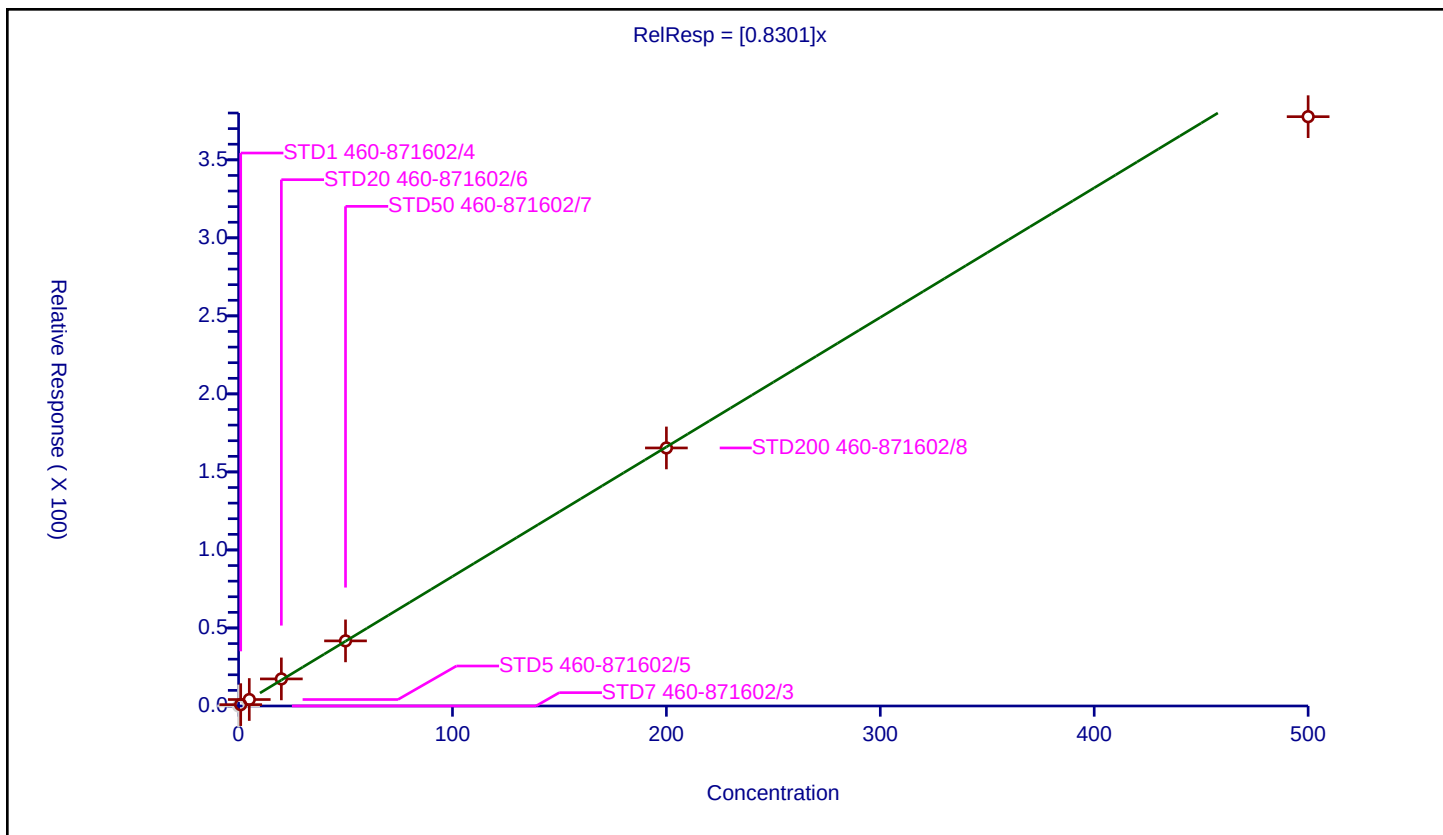
### Curve Coefficients

Intercept: 0  
 Slope: 0.8301

### Error Coefficients

Standard Error: 834000  
 Relative Standard Error: 4.9  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.997

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.866387   | 50.0      | 189061.0    | 0.866387 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 4.149762   | 50.0      | 189541.0    | 0.829952 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 17.348065  | 50.0      | 189292.0    | 0.867403 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 41.727657  | 50.0      | 195797.0    | 0.834553 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 165.353934 | 50.0      | 203202.0    | 0.82677  | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 377.66515  | 50.0      | 229171.0    | 0.75533  | Y    |



# Calibration

/ N-Propylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

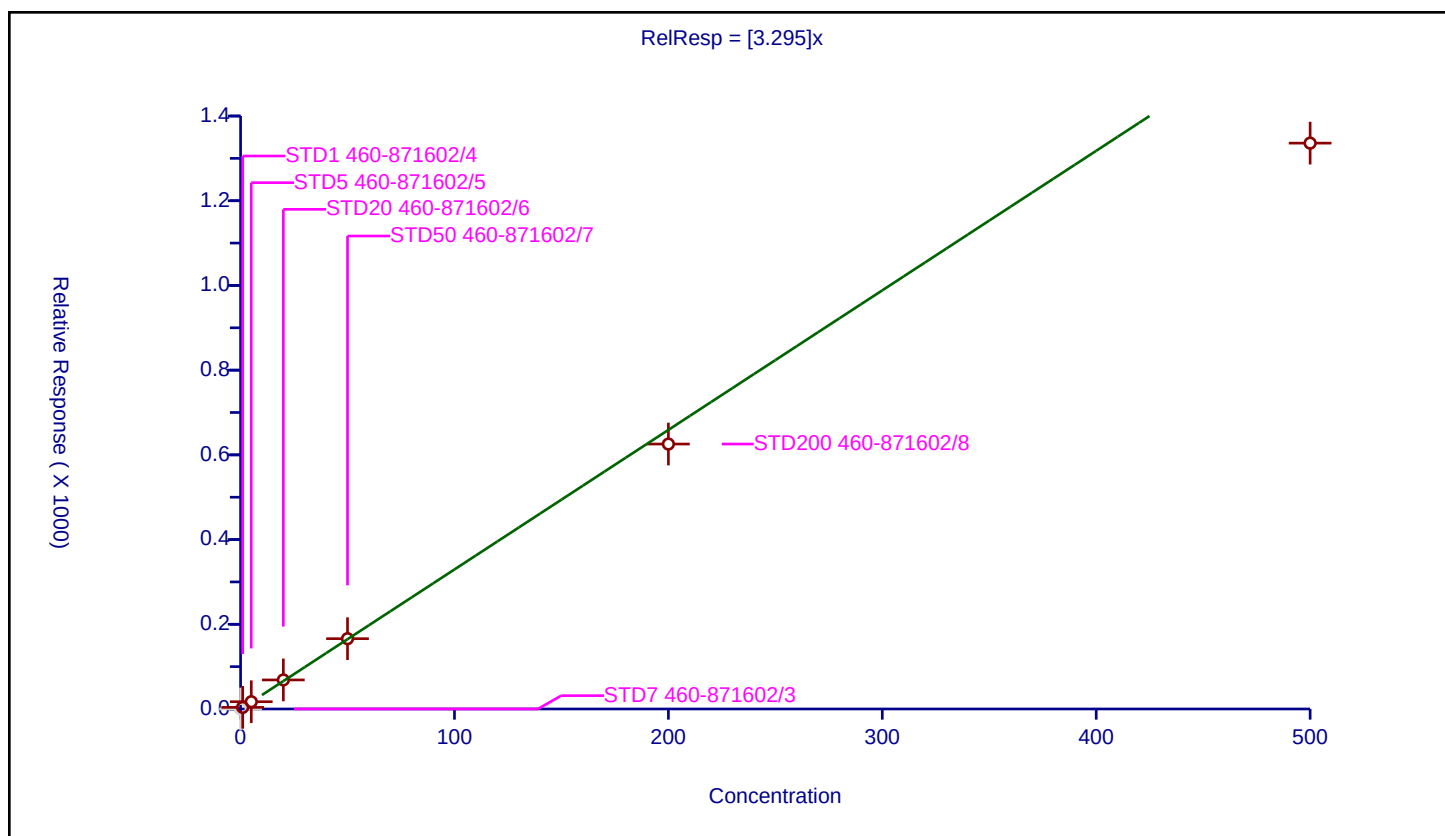
## Curve Coefficients

Intercept: 0  
 Slope: 3.295

## Error Coefficients

Standard Error: 2980000  
 Relative Standard Error: 11.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.984

| ID | Level               | Concentration | Rel. Resp.  | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|-------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0         | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 3.791633    | 50.0      | 189061.0    | 3.791633 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 17.136134   | 50.0      | 189541.0    | 3.427227 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 68.591647   | 50.0      | 189292.0    | 3.429582 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 165.998202  | 50.0      | 195797.0    | 3.319964 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 625.513774  | 50.0      | 203202.0    | 3.127569 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 1335.976629 | 50.0      | 229171.0    | 2.671953 | Y    |



# Calibration

/ 1,2,3-Trichloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

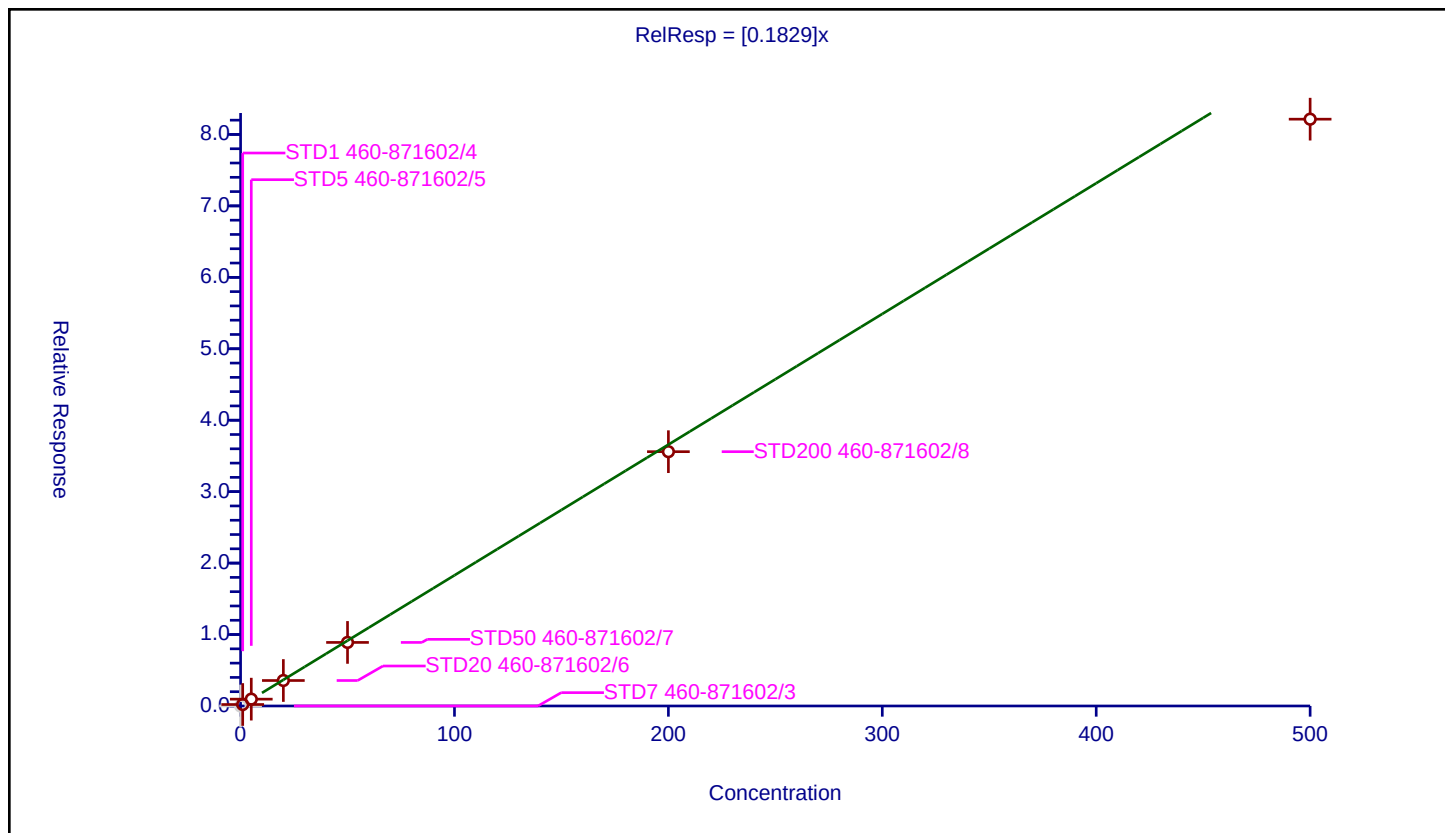
## Curve Coefficients

Intercept: 0  
 Slope: 0.1829

## Error Coefficients

Standard Error: 181000  
 Relative Standard Error: 8.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.992

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.207605   | 50.0      | 189061.0    | 0.207605 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 0.957049   | 50.0      | 189541.0    | 0.19141  | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 3.568032   | 50.0      | 189292.0    | 0.178402 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 8.896204   | 50.0      | 195797.0    | 0.177924 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 35.597091  | 50.0      | 203202.0    | 0.177985 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 82.139101  | 50.0      | 229171.0    | 0.164278 | Y    |





# Calibration

/ 2-Chlorotoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

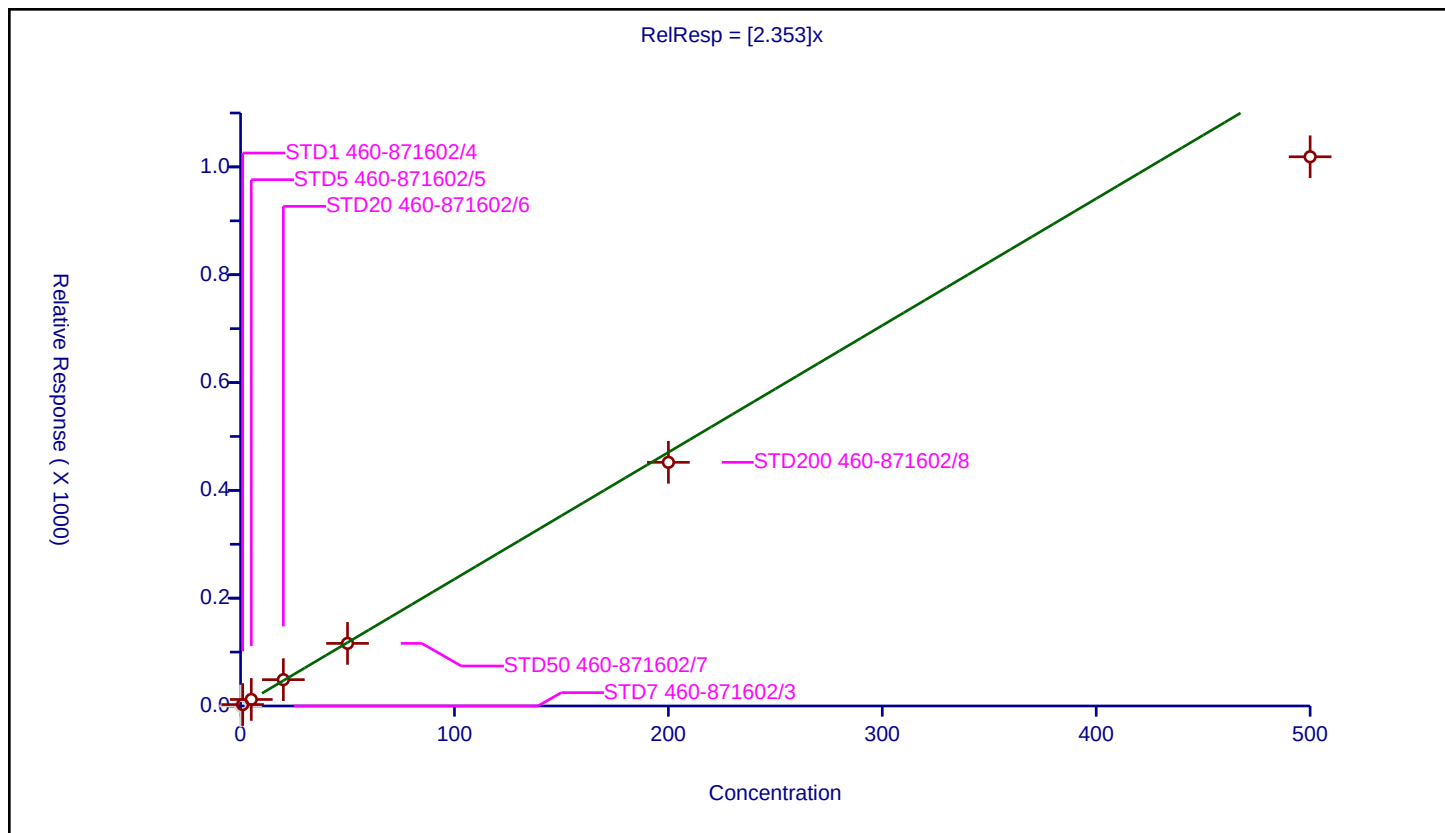
## Curve Coefficients

Intercept: 0  
 Slope: 2.353

## Error Coefficients

Standard Error: 2250000  
 Relative Standard Error: 8.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.991

| ID | Level               | Concentration | Rel. Resp.  | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|-------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0         | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 2.632219    | 50.0      | 189061.0    | 2.632219 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 12.11875    | 50.0      | 189541.0    | 2.42375  | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 48.846227   | 50.0      | 189292.0    | 2.442311 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 116.110308  | 50.0      | 195797.0    | 2.322206 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 452.015974  | 50.0      | 203202.0    | 2.26008  | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 1018.836589 | 50.0      | 229171.0    | 2.037673 | Y    |



# Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

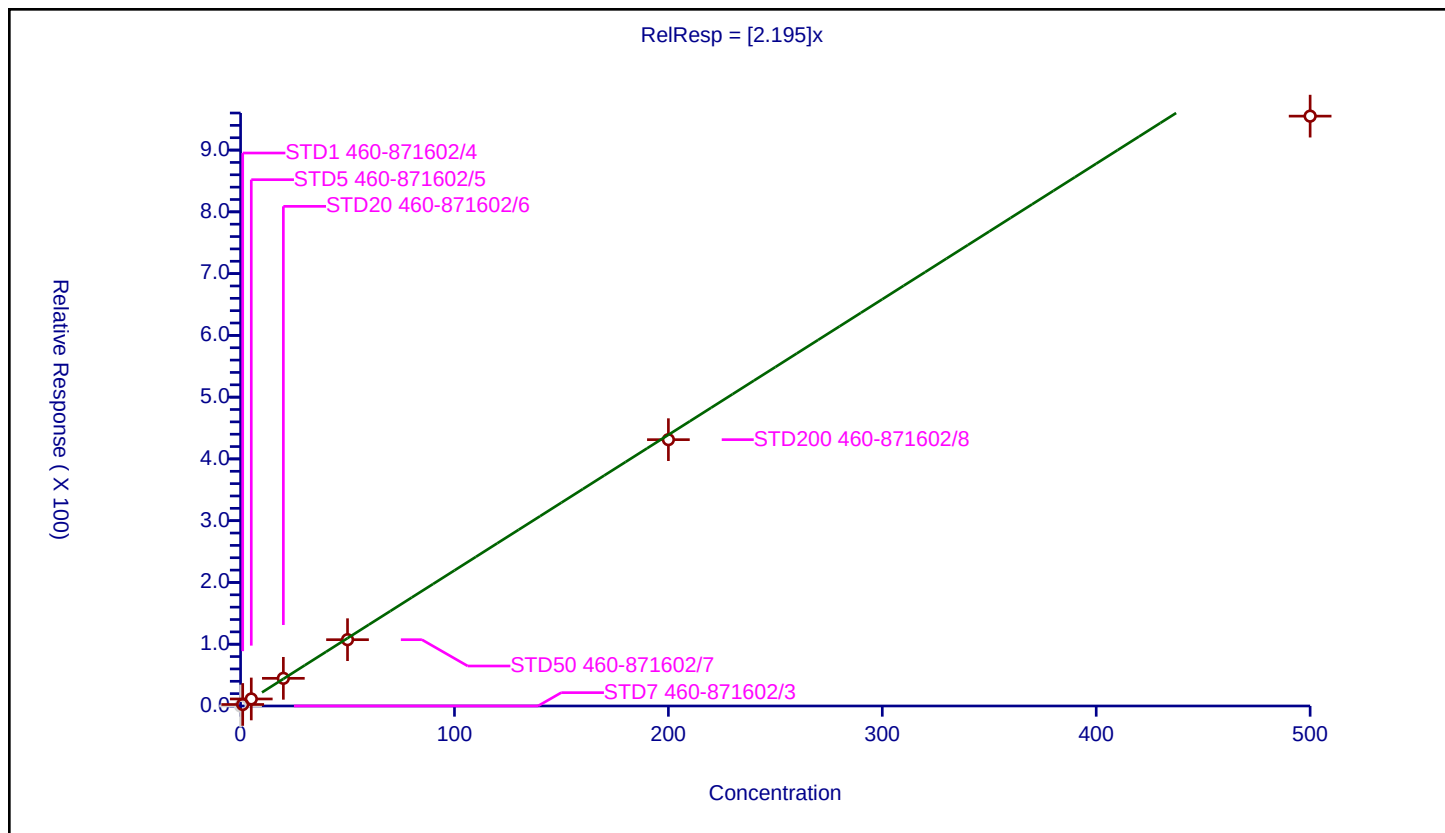
## Curve Coefficients

Intercept: 0  
 Slope: 2.195

## Error Coefficients

Standard Error: 2120000  
 Relative Standard Error: 8.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.992

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 2.44392    | 50.0      | 189061.0    | 2.44392  | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 11.37432   | 50.0      | 189541.0    | 2.274864 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 44.773419  | 50.0      | 189292.0    | 2.238671 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 107.33285  | 50.0      | 195797.0    | 2.146657 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 431.184732 | 50.0      | 203202.0    | 2.155924 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 954.957215 | 50.0      | 229171.0    | 1.909914 | Y    |



# Calibration

/ 4-Chlorotoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

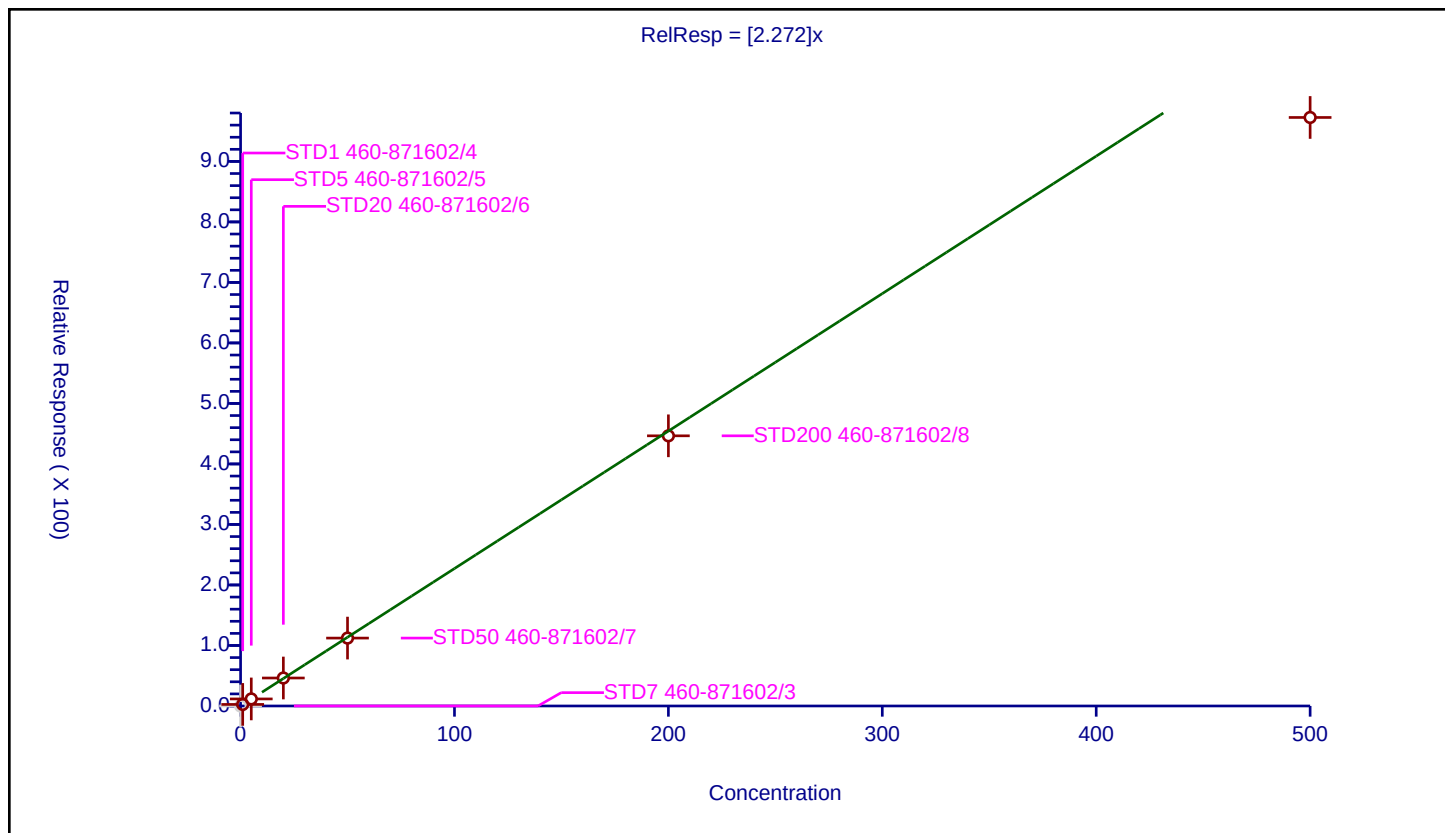
## Curve Coefficients

Intercept: 0  
 Slope: 2.272

## Error Coefficients

Standard Error: 2160000  
 Relative Standard Error: 8.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.991

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 2.56531    | 50.0      | 189061.0    | 2.56531  | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 11.647612  | 50.0      | 189541.0    | 2.329522 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 46.271897  | 50.0      | 189292.0    | 2.313595 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 112.240994 | 50.0      | 195797.0    | 2.24482  | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 446.497574 | 50.0      | 203202.0    | 2.232488 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 972.621754 | 50.0      | 229171.0    | 1.945244 | Y    |



# Calibration

/ Butyl Methacrylate

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

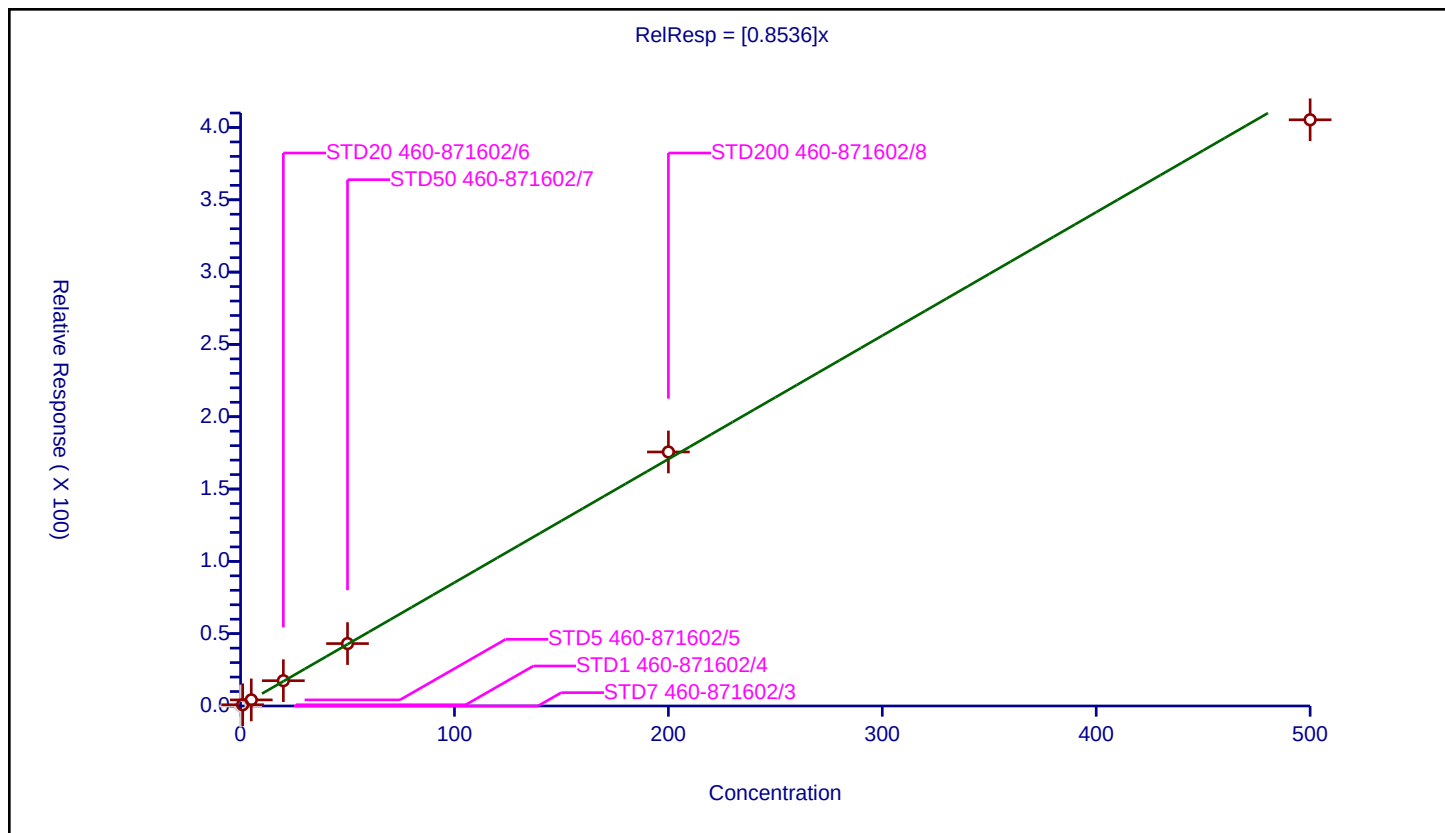
## Curve Coefficients

Intercept: 0  
 Slope: 0.8536

## Error Coefficients

Standard Error: 894000  
 Relative Standard Error: 2.9  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.999

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.853428   | 50.0      | 189061.0    | 0.853428 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 4.210962   | 50.0      | 189541.0    | 0.842192 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 17.48225   | 50.0      | 189292.0    | 0.874112 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 43.146473  | 50.0      | 195797.0    | 0.862929 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 175.62401  | 50.0      | 203202.0    | 0.87812  | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 405.314372 | 50.0      | 229171.0    | 0.810629 | Y    |



# Calibration

/ tert-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

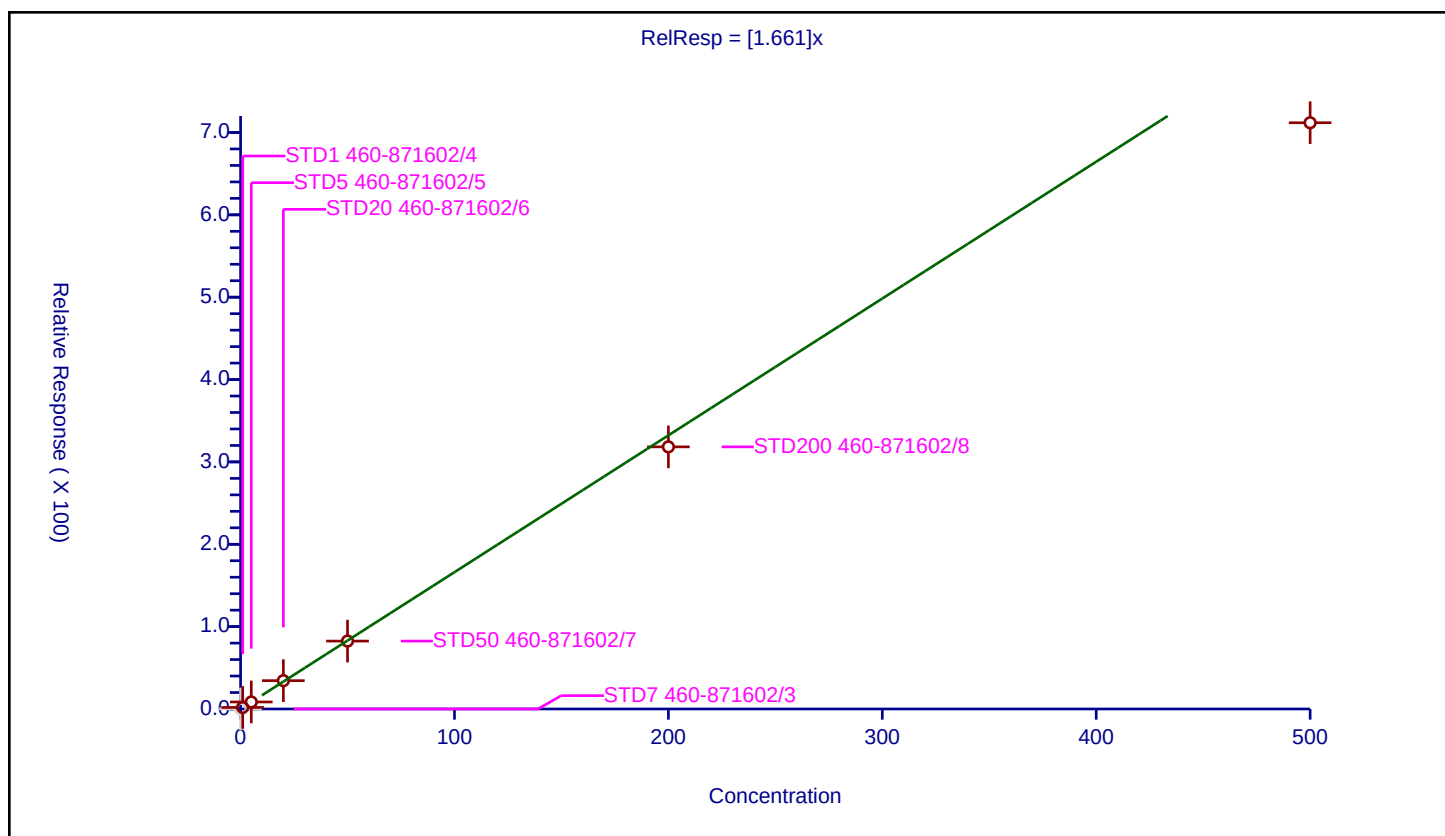
## Curve Coefficients

Intercept: 0  
 Slope: 1.661

## Error Coefficients

Standard Error: 1580000  
 Relative Standard Error: 9.0  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.990

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 1.875056   | 50.0      | 189061.0    | 1.875056 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 8.543798   | 50.0      | 189541.0    | 1.70876  | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 34.387085  | 50.0      | 189292.0    | 1.719354 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 82.459639  | 50.0      | 195797.0    | 1.649193 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 318.278117 | 50.0      | 203202.0    | 1.591391 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 711.838103 | 50.0      | 229171.0    | 1.423676 | Y    |



# Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

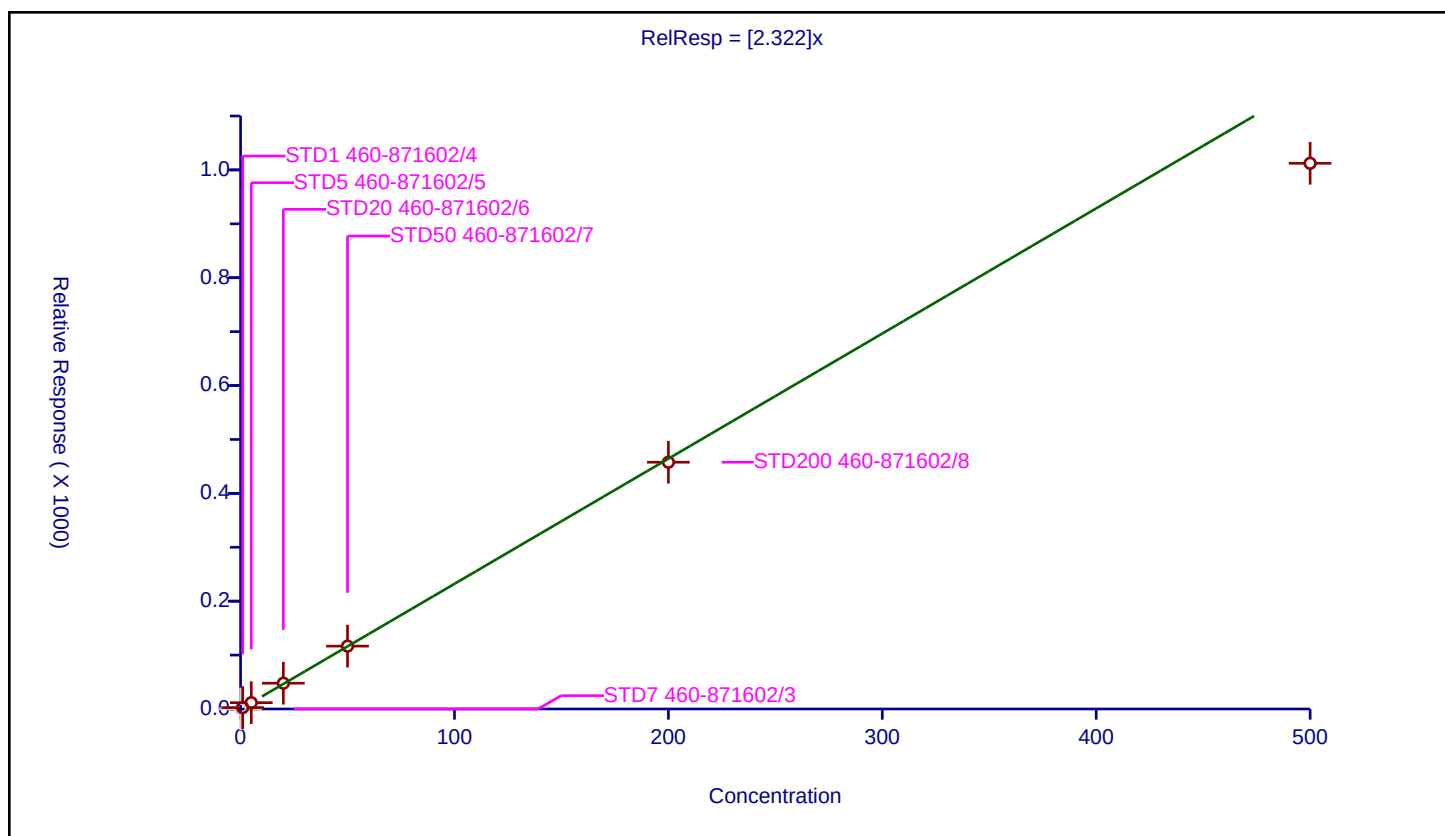
## Curve Coefficients

Intercept: 0  
 Slope: 2.322

## Error Coefficients

Standard Error: 2250000  
 Relative Standard Error: 7.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.994

| ID | Level               | Concentration | Rel. Resp.  | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|-------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0         | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 2.549177    | 50.0      | 189061.0    | 2.549177 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 11.722793   | 50.0      | 189541.0    | 2.344559 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 47.799432   | 50.0      | 189292.0    | 2.389972 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 116.628191  | 50.0      | 195797.0    | 2.332564 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 457.738605  | 50.0      | 203202.0    | 2.288693 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 1012.275113 | 50.0      | 229171.0    | 2.02455  | Y    |



# Calibration

/ sec-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

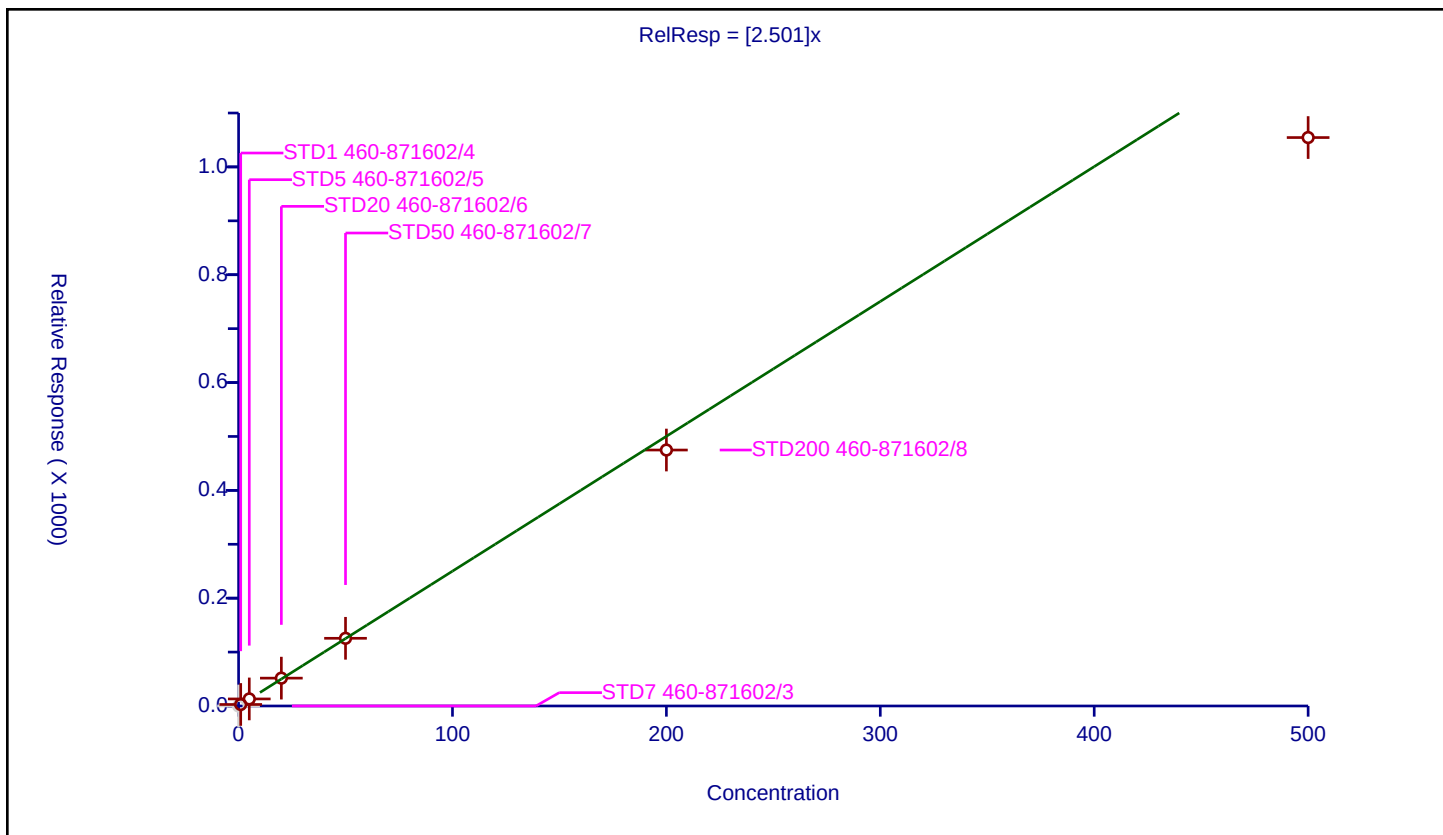
## Curve Coefficients

Intercept: 0  
 Slope: 2.501

## Error Coefficients

Standard Error: 2340000  
 Relative Standard Error: 9.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.989

| ID | Level               | Concentration | Rel. Resp.  | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|-------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0         | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 2.810733    | 50.0      | 189061.0    | 2.810733 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 13.093473   | 50.0      | 189541.0    | 2.618695 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 51.67968    | 50.0      | 189292.0    | 2.583984 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 125.59079   | 50.0      | 195797.0    | 2.511816 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 474.810779  | 50.0      | 203202.0    | 2.374054 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 1054.498388 | 50.0      | 229171.0    | 2.108997 | Y    |



# Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

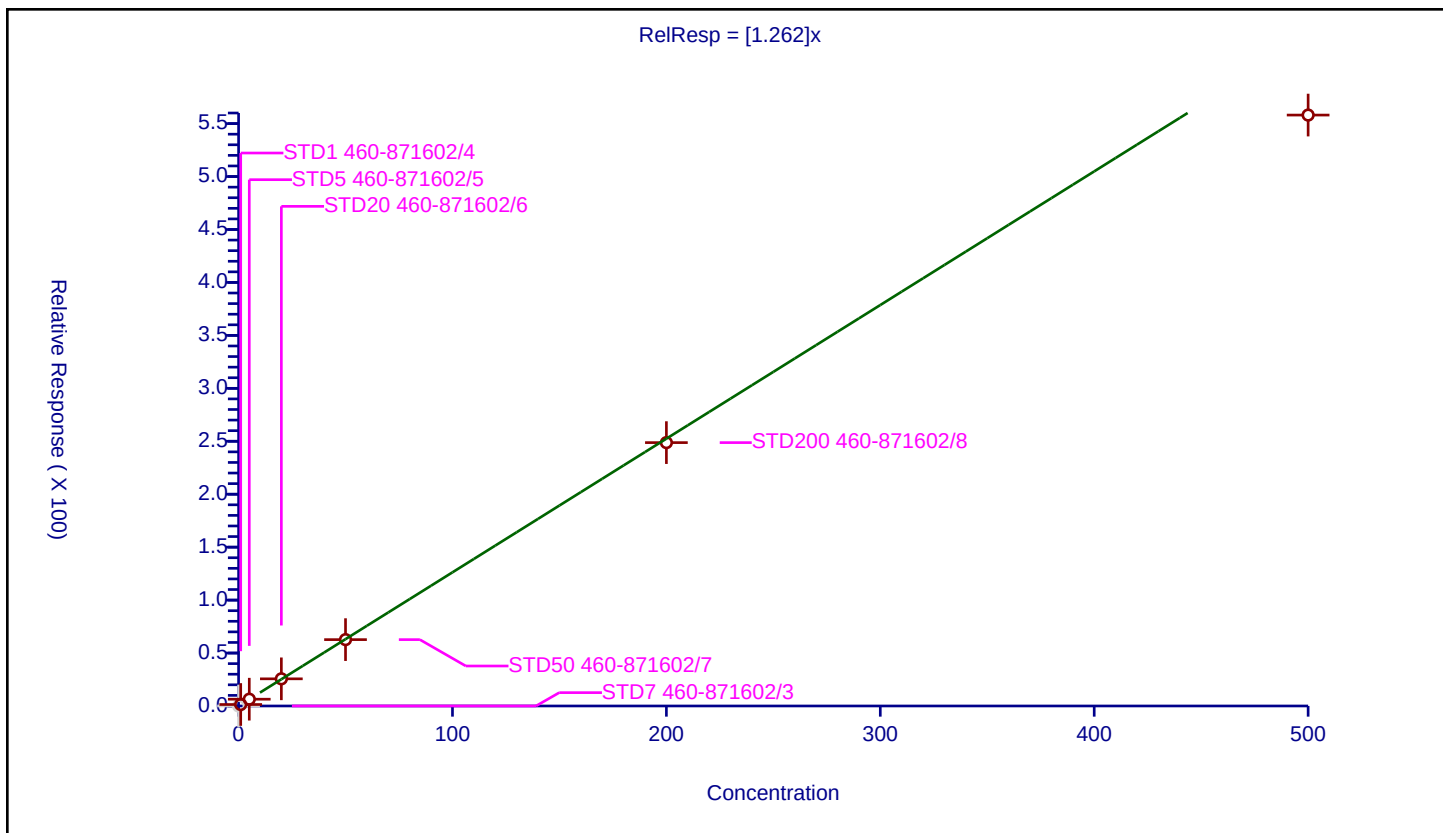
## Curve Coefficients

Intercept: 0  
 Slope: 1.262

## Error Coefficients

Standard Error: 1240000  
 Relative Standard Error: 7.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.994

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 1.396904   | 50.0      | 189061.0    | 1.396904 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 6.405738   | 50.0      | 189541.0    | 1.281148 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 25.645563  | 50.0      | 189292.0    | 1.282278 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 62.658774  | 50.0      | 195797.0    | 1.253175 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 248.725898 | 50.0      | 203202.0    | 1.243629 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 558.069084 | 50.0      | 229171.0    | 1.116138 | Y    |





## Calibration

/ 4-Isopropyltoluene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

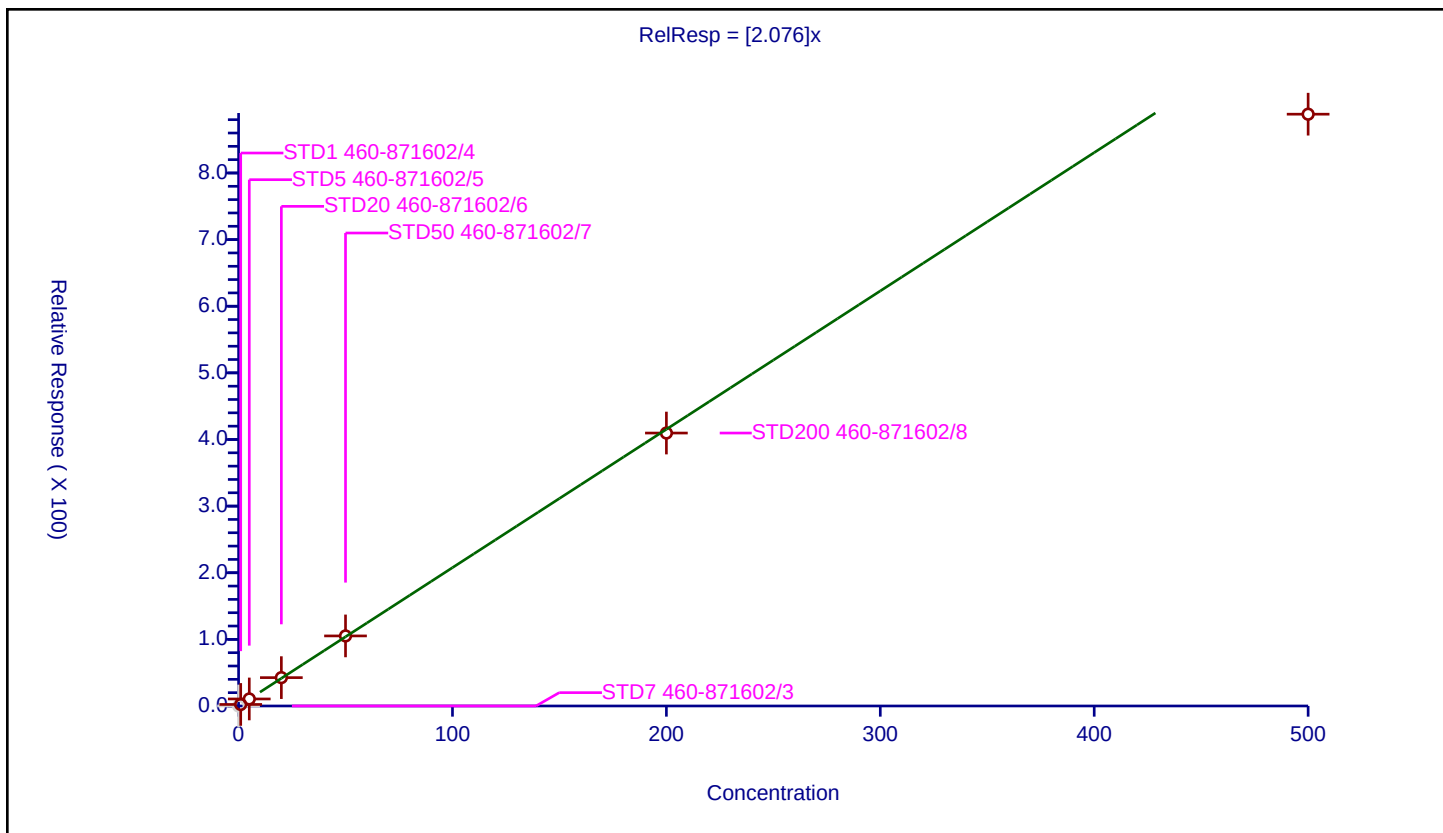
### Curve Coefficients

Intercept: 0  
 Slope: 2.076

### Error Coefficients

Standard Error: 1980000  
 Relative Standard Error: 8.1  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.992

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 2.294762   | 50.0      | 189061.0    | 2.294762 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 10.541255  | 50.0      | 189541.0    | 2.108251 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 42.55753   | 50.0      | 189292.0    | 2.127877 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 105.158404 | 50.0      | 195797.0    | 2.103168 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 409.66649  | 50.0      | 203202.0    | 2.048332 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 888.231932 | 50.0      | 229171.0    | 1.776464 | Y    |



# Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average  
Weighting: Conc\_Sq  
Origin: Force  
Dependency: Response  
Calib Mode: ISTD  
Response Base: AREA  
RF Rounding: 0

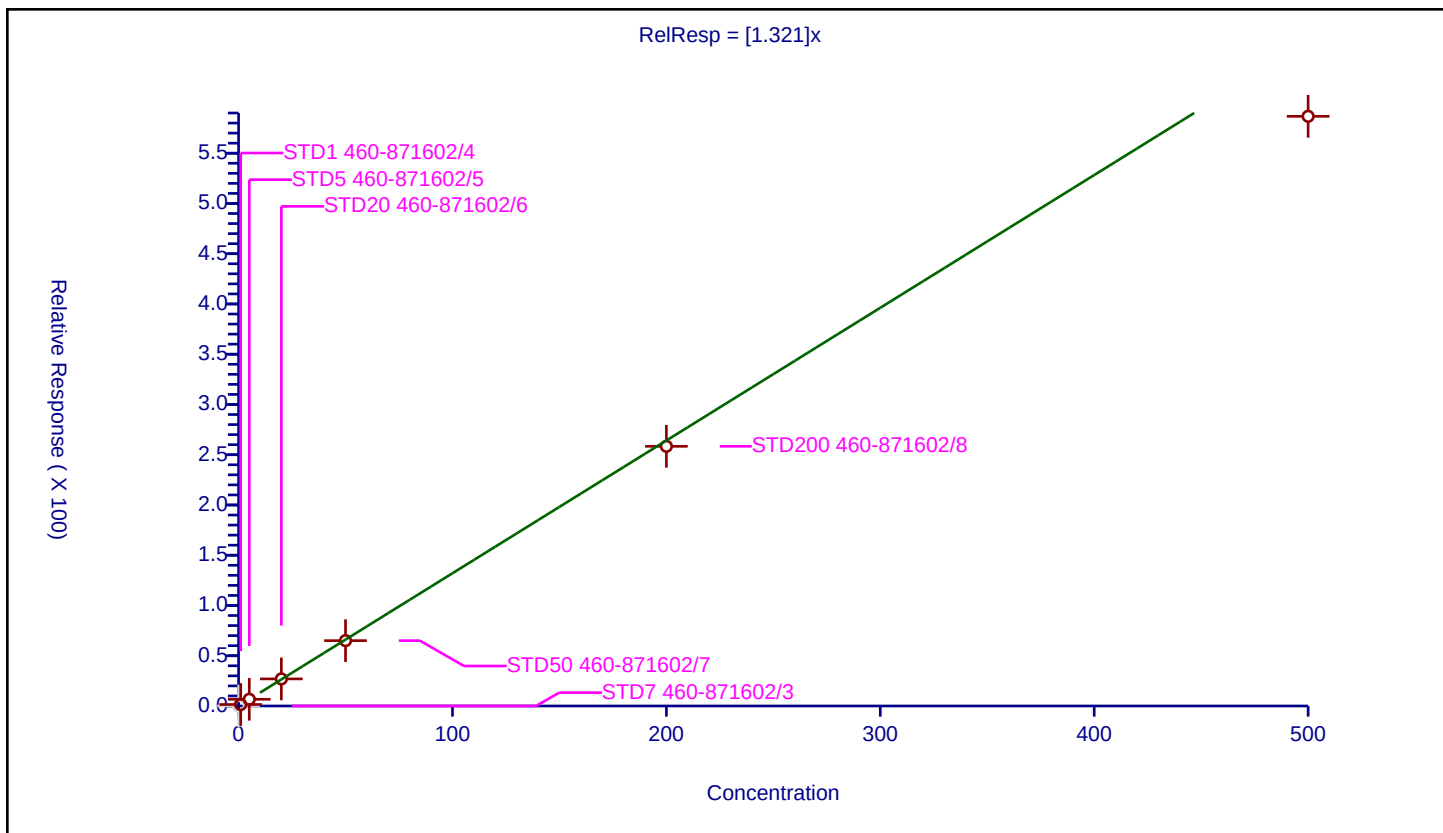
## Curve Coefficients

Intercept: 0  
Slope: 1.321

## Error Coefficients

Standard Error: 1300000  
Relative Standard Error: 7.5  
Correlation Coefficient: 1.000  
Coefficient of Determination (Adjusted): 0.993

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 1.479417   | 50.0      | 189061.0    | 1.479417 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 6.661356   | 50.0      | 189541.0    | 1.332271 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 26.938539  | 50.0      | 189292.0    | 1.346927 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 65.010444  | 50.0      | 195797.0    | 1.300209 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 258.369504 | 50.0      | 203202.0    | 1.291848 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 586.70796  | 50.0      | 229171.0    | 1.173416 | Y    |



# Calibration

/ 1,2,3-Trimethylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

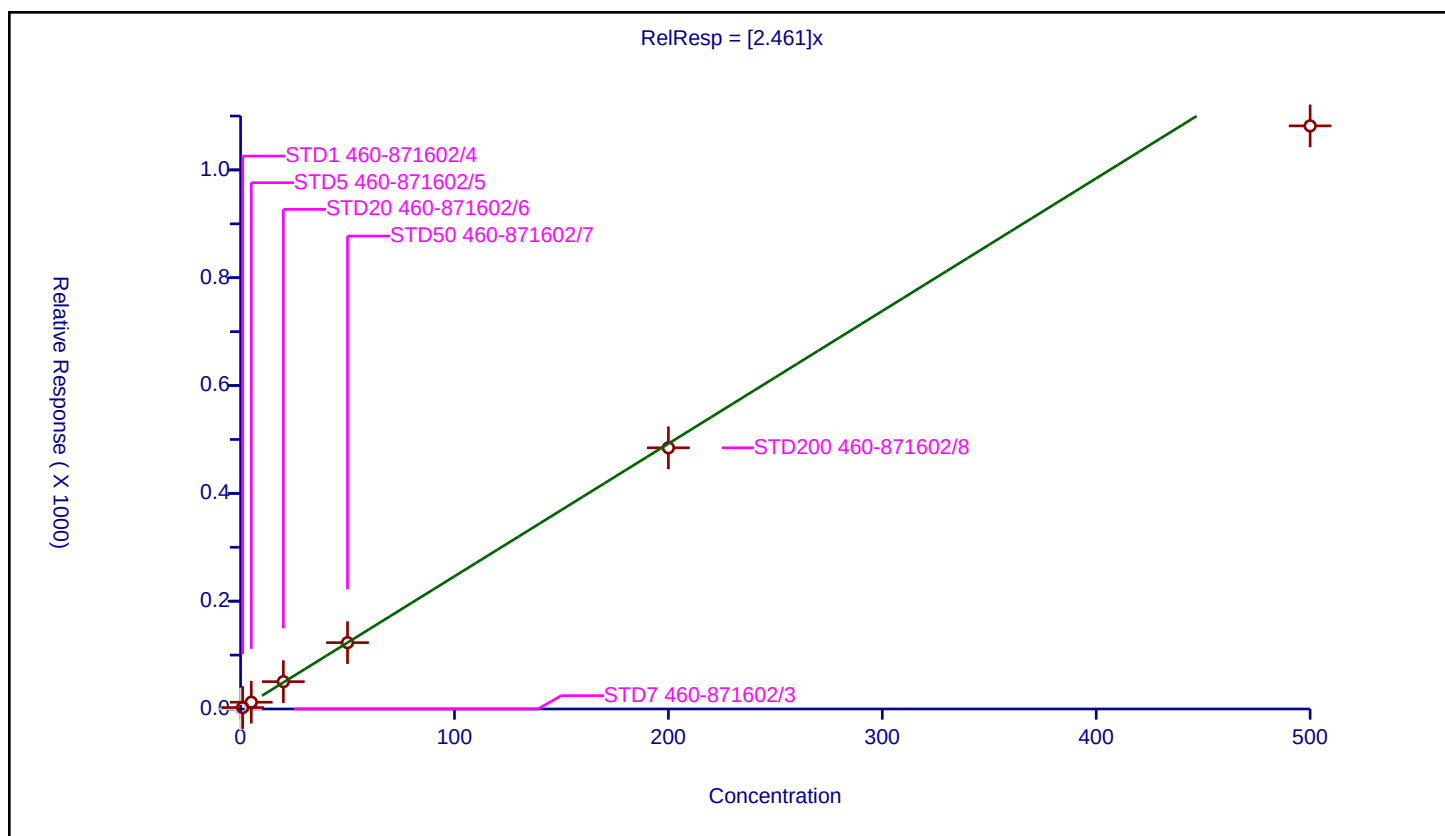
## Curve Coefficients

Intercept: 0  
 Slope: 2.461

## Error Coefficients

Standard Error: 2400000  
 Relative Standard Error: 6.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

| ID | Level               | Concentration | Rel. Resp.  | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|-------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0         | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 2.659988    | 50.0      | 189061.0    | 2.659988 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 12.613102   | 50.0      | 189541.0    | 2.52262  | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 50.708429   | 50.0      | 189292.0    | 2.535421 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 123.124971  | 50.0      | 195797.0    | 2.462499 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 484.530664  | 50.0      | 203202.0    | 2.422653 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 1081.715618 | 50.0      | 229171.0    | 2.163431 | Y    |



# Calibration

/ Benzyl chloride

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

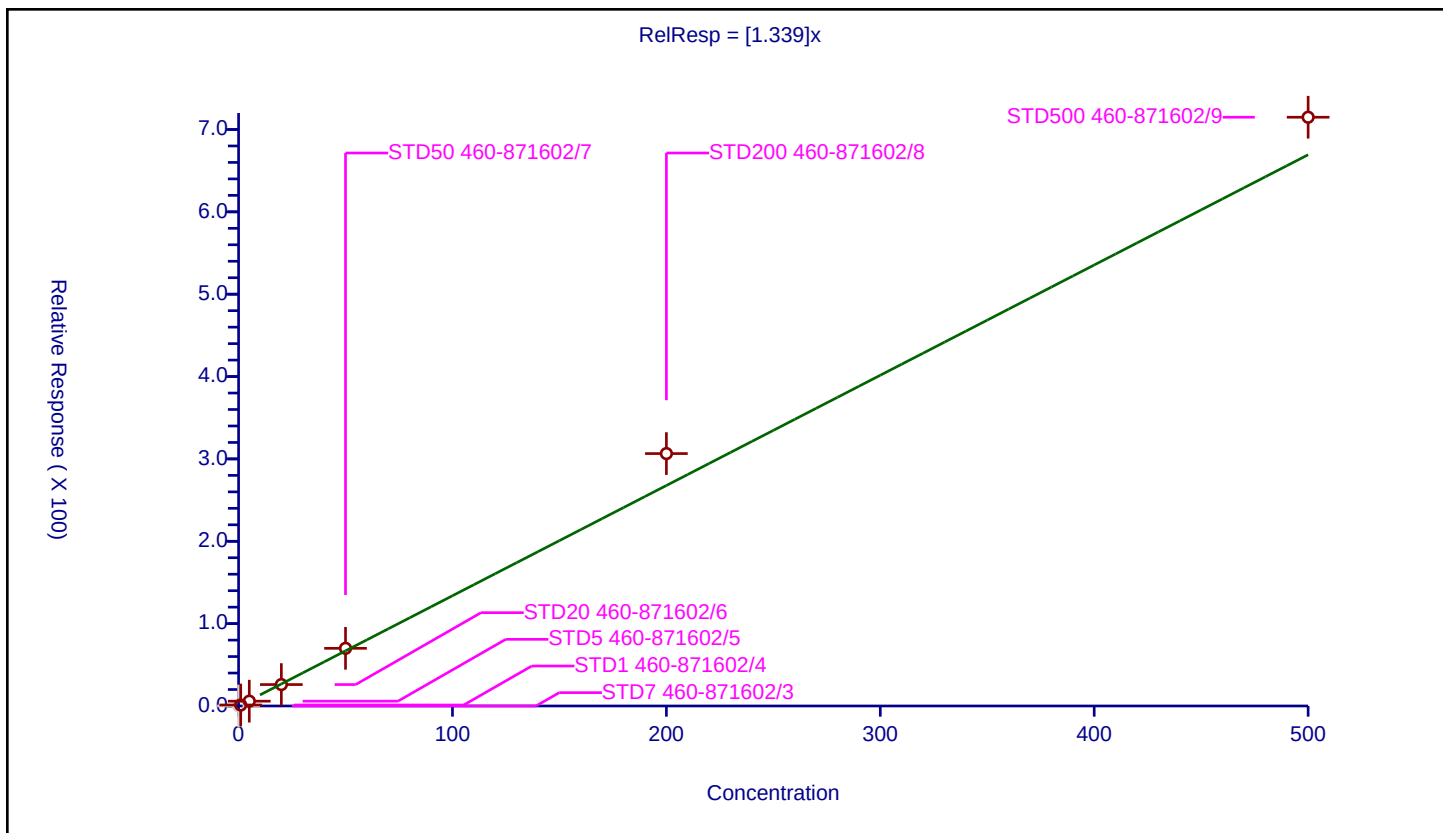
## Curve Coefficients

Intercept: 0  
 Slope: 1.339

## Error Coefficients

Standard Error: 1570000  
 Relative Standard Error: 10.5  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.988

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 1.197762   | 50.0      | 189061.0    | 1.197762 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 5.856517   | 50.0      | 189541.0    | 1.171303 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 26.009551  | 50.0      | 189292.0    | 1.300478 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 70.006435  | 50.0      | 195797.0    | 1.400129 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 306.488863 | 50.0      | 203202.0    | 1.532444 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 714.879064 | 50.0      | 229171.0    | 1.429758 | Y    |



# Calibration

/ n-Butylbenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

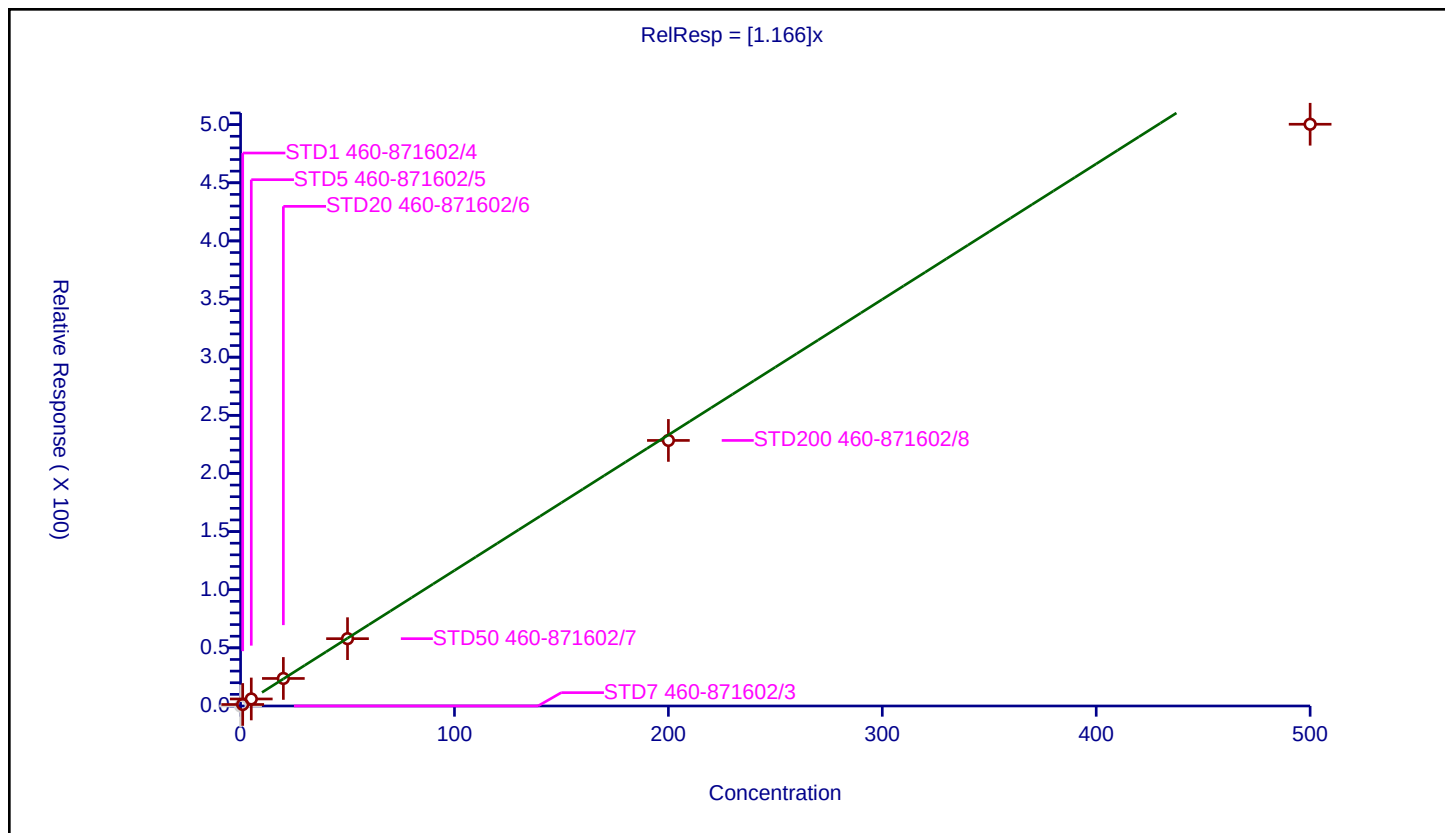
## Curve Coefficients

Intercept: 0  
 Slope: 1.166

## Error Coefficients

Standard Error: 1110000  
 Relative Standard Error: 8.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.991

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 1.300638   | 50.0      | 189061.0    | 1.300638 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 6.041437   | 50.0      | 189541.0    | 1.208287 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 23.684308  | 50.0      | 189292.0    | 1.184215 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 57.910489  | 50.0      | 195797.0    | 1.15821  | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 228.406463 | 50.0      | 203202.0    | 1.142032 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 500.342103 | 50.0      | 229171.0    | 1.000684 | Y    |



# Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

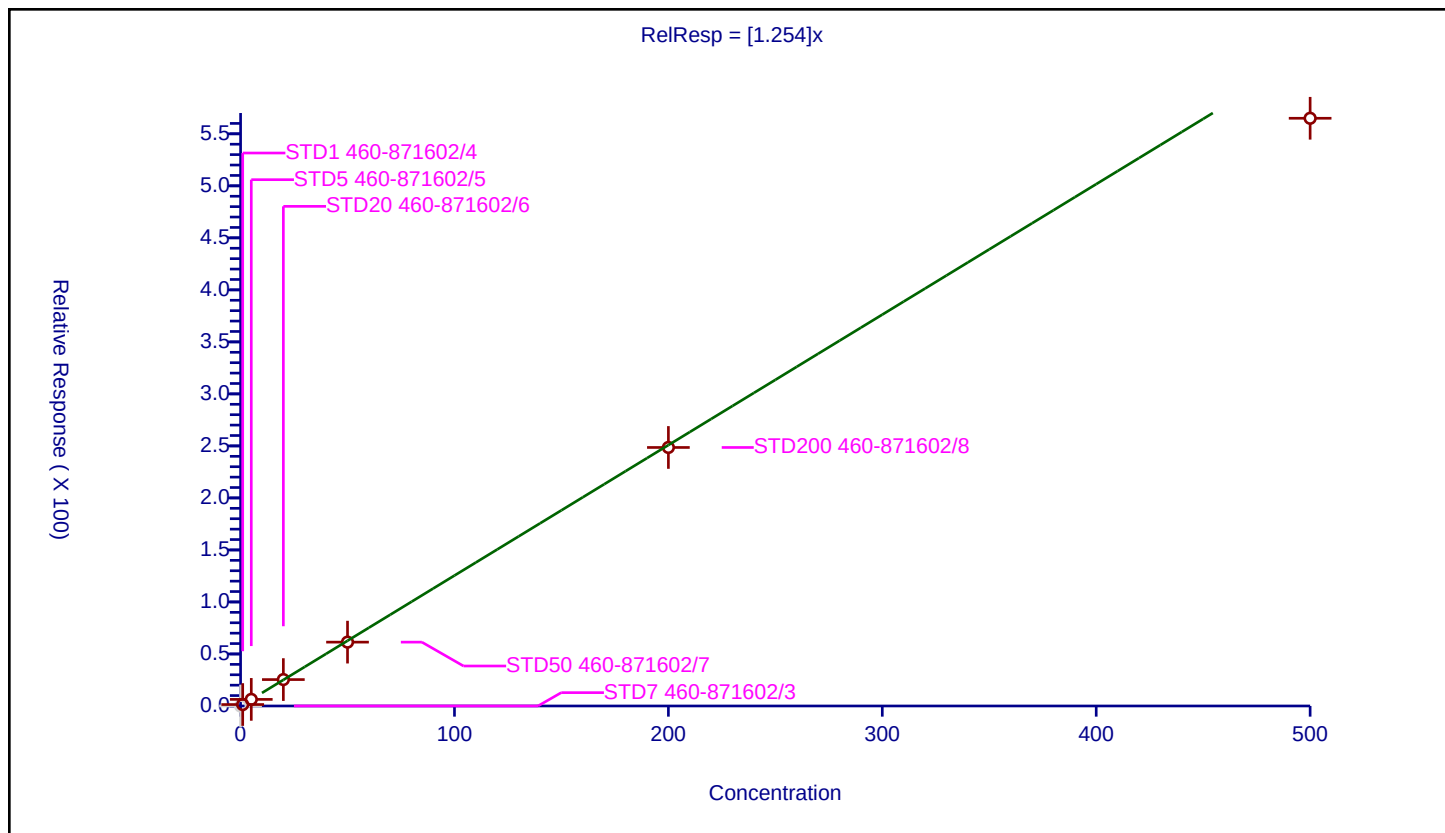
## Curve Coefficients

Intercept: 0  
 Slope: 1.254

## Error Coefficients

Standard Error: 1250000  
 Relative Standard Error: 6.6  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.995

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 1.387383   | 50.0      | 189061.0    | 1.387383 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 6.337415   | 50.0      | 189541.0    | 1.267483 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 25.388289  | 50.0      | 189292.0    | 1.269414 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 61.384495  | 50.0      | 195797.0    | 1.22769  | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 248.514778 | 50.0      | 203202.0    | 1.242574 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 564.948226 | 50.0      | 229171.0    | 1.129896 | Y    |



# Calibration

/ 1,2-Dibromo-3-Chloropropane

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

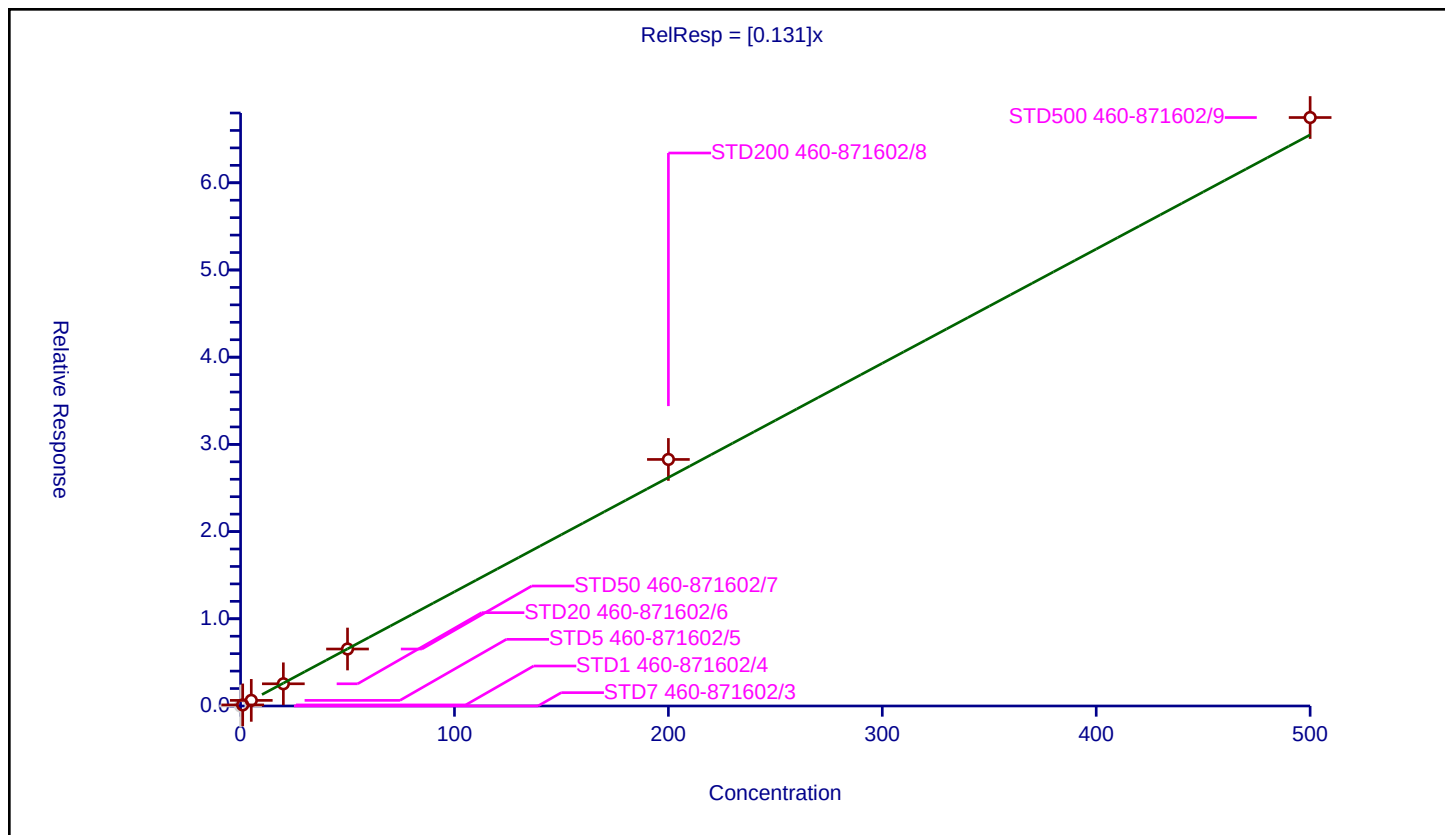
## Curve Coefficients

Intercept: 0  
 Slope: 0.131

## Error Coefficients

Standard Error: 148000  
 Relative Standard Error: 4.9  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.997

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.122712   | 50.0      | 189061.0    | 0.122712 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 0.644715   | 50.0      | 189541.0    | 0.128943 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 2.546066   | 50.0      | 189292.0    | 0.127303 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 6.534574   | 50.0      | 195797.0    | 0.130691 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 28.274082  | 50.0      | 203202.0    | 0.14137  | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 67.482579  | 50.0      | 229171.0    | 0.134965 | Y    |



# Calibration

/ 1,2,4-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

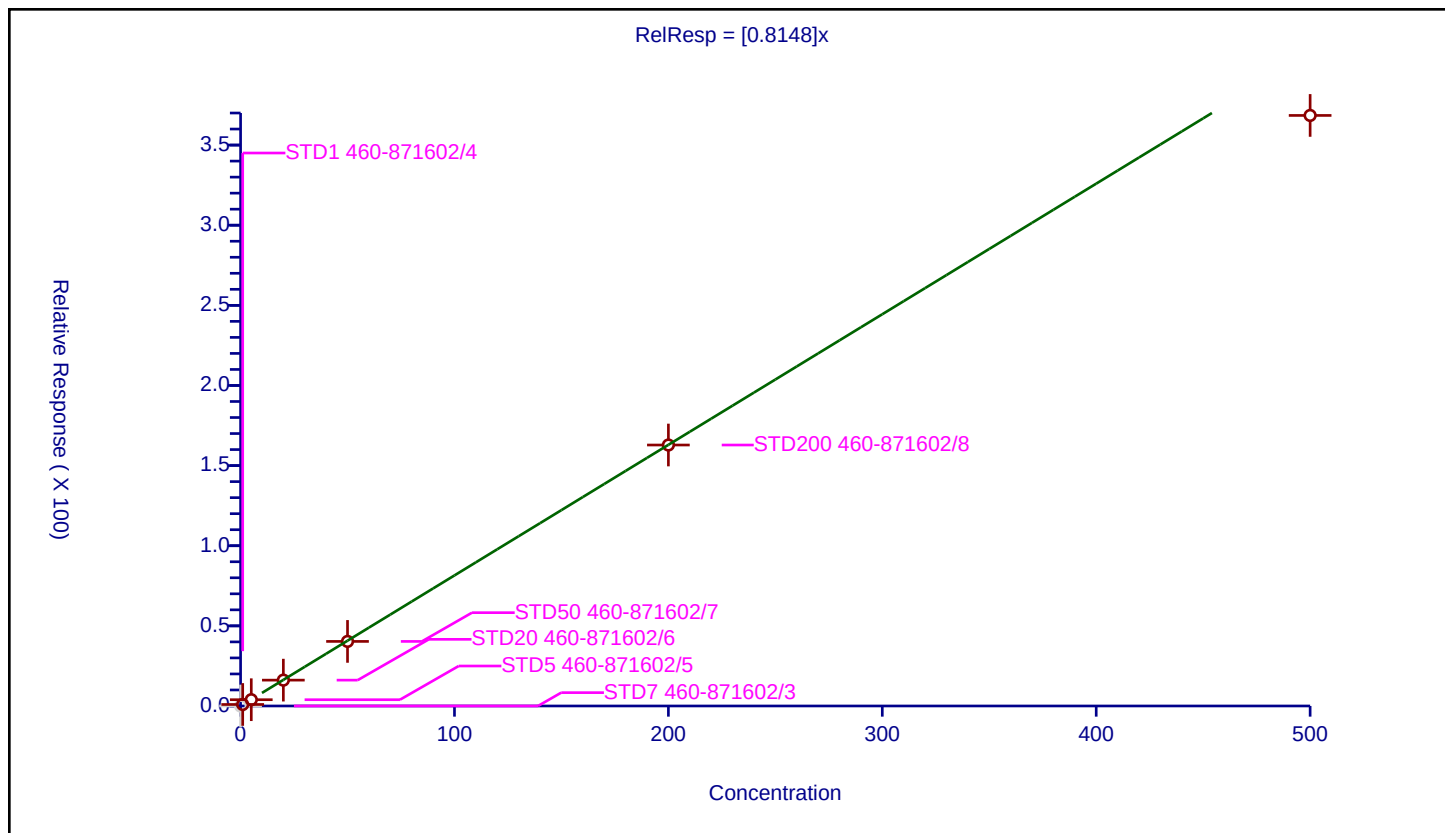
## Curve Coefficients

Intercept: 0  
 Slope: 0.8148

## Error Coefficients

Standard Error: 815000  
 Relative Standard Error: 8.3  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.992

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.939908   | 50.0      | 189061.0    | 0.939908 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 3.925536   | 50.0      | 189541.0    | 0.785107 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 16.13803   | 50.0      | 189292.0    | 0.806902 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 40.289943  | 50.0      | 195797.0    | 0.805799 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 162.840425 | 50.0      | 203202.0    | 0.814202 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 368.485105 | 50.0      | 229171.0    | 0.73697  | Y    |





# Calibration

/ Hexachlorobutadiene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

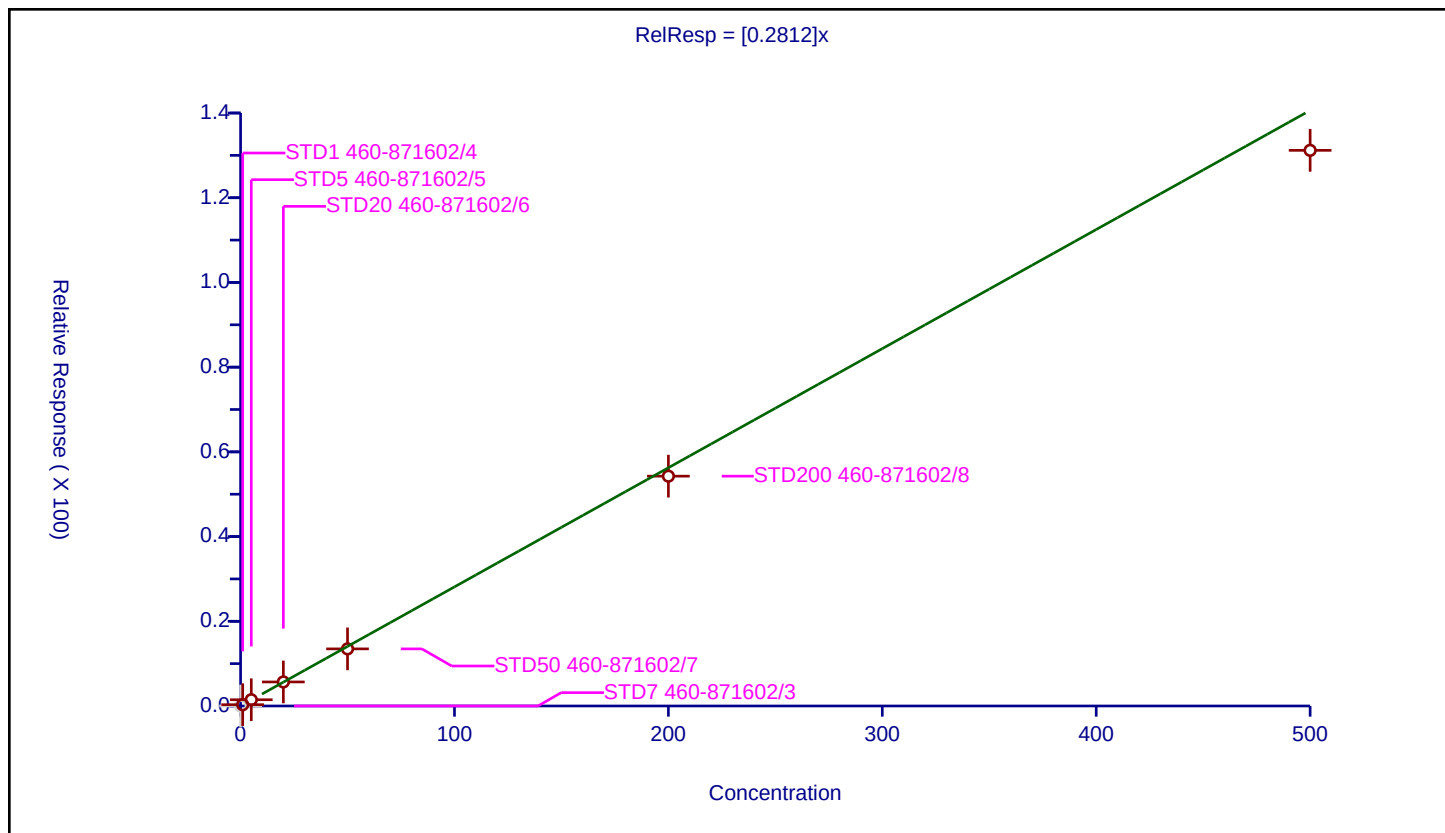
## Curve Coefficients

Intercept: 0  
 Slope: 0.2812

## Error Coefficients

Standard Error: 287000  
 Relative Standard Error: 5.8  
 Correlation Coefficient: 0.999  
 Coefficient of Determination (Adjusted): 0.996

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.304928   | 50.0      | 189061.0    | 0.304928 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 1.47567    | 50.0      | 189541.0    | 0.295134 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 5.678528   | 50.0      | 189292.0    | 0.283926 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 13.484885  | 50.0      | 195797.0    | 0.269698 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 54.260293  | 50.0      | 203202.0    | 0.271301 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 131.185447 | 50.0      | 229171.0    | 0.262371 | Y    |



# Calibration

/ Naphthalene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

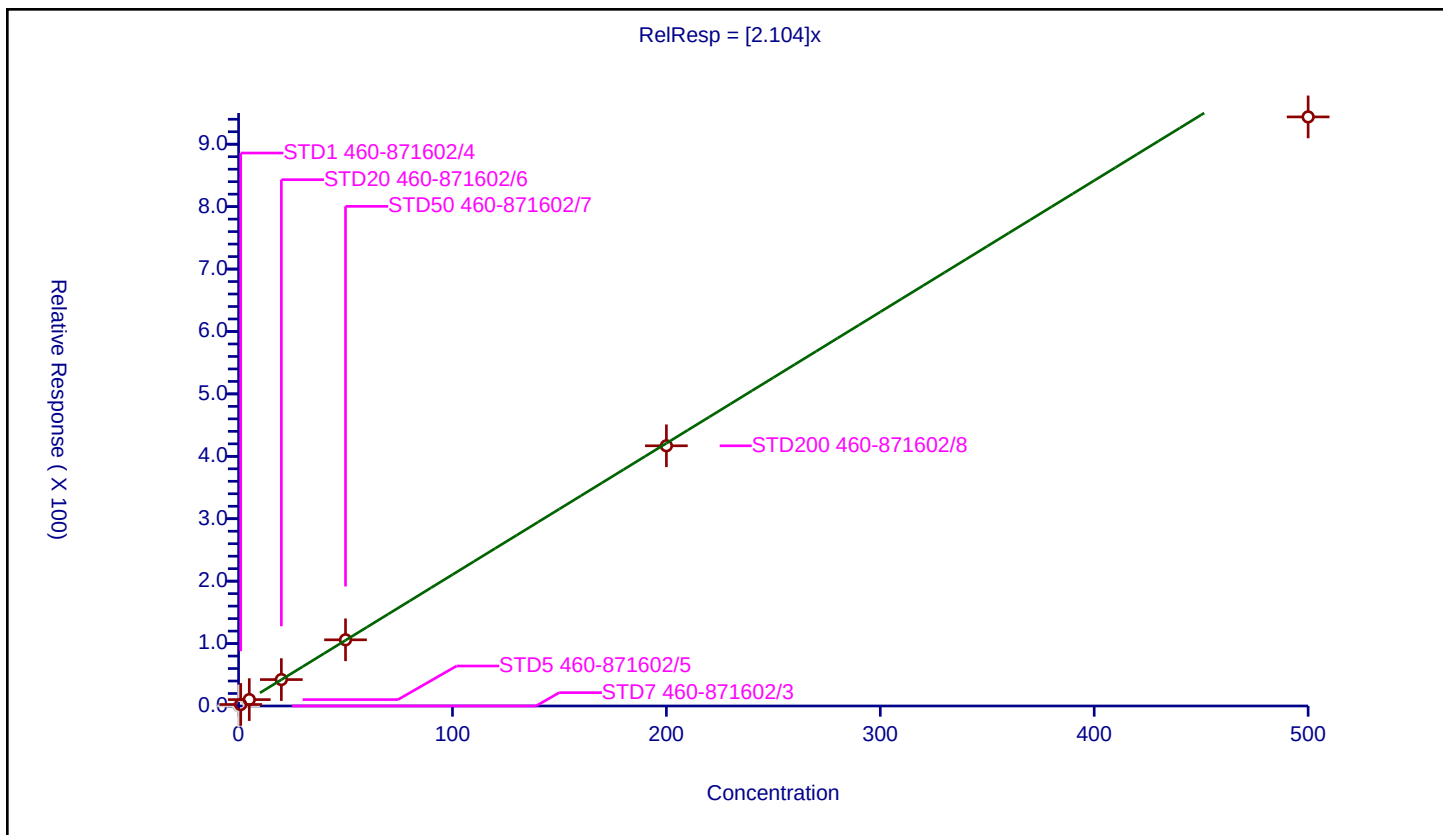
## Curve Coefficients

Intercept: 0  
 Slope: 2.104

## Error Coefficients

Standard Error: 2090000  
 Relative Standard Error: 7.4  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.993

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 2.370135   | 50.0      | 189061.0    | 2.370135 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 10.247123  | 50.0      | 189541.0    | 2.049425 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 42.306595  | 50.0      | 189292.0    | 2.11533  | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 105.998815 | 50.0      | 195797.0    | 2.119976 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 416.854165 | 50.0      | 203202.0    | 2.084271 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 943.780409 | 50.0      | 229171.0    | 1.887561 | Y    |



# Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average  
 Weighting: Conc\_Sq  
 Origin: Force  
 Dependency: Response  
 Calib Mode: ISTD  
 Response Base: AREA  
 RF Rounding: 0

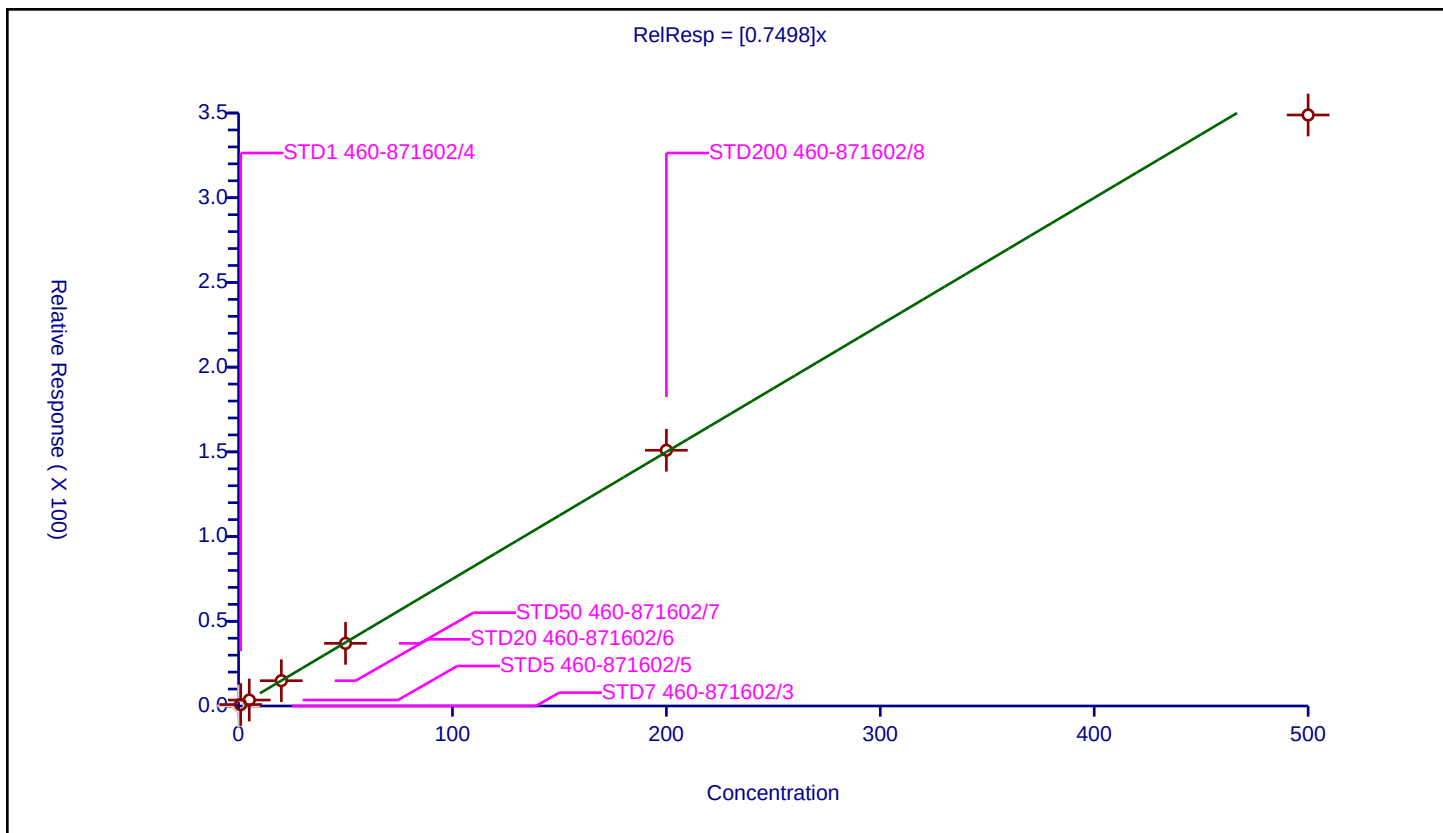
## Curve Coefficients

Intercept: 0  
 Slope: 0.7498

## Error Coefficients

Standard Error: 769000  
 Relative Standard Error: 7.8  
 Correlation Coefficient: 1.000  
 Coefficient of Determination (Adjusted): 0.993

| ID | Level               | Concentration | Rel. Resp. | IS Amount | IS Response | RRF      | Used |
|----|---------------------|---------------|------------|-----------|-------------|----------|------|
| 1  | STD7 460-871602/3   | 0.0           | 0.0        | 50.0      | 190101.0    | NaN      | N    |
| 2  | STD1 460-871602/4   | 1.0           | 0.858453   | 50.0      | 189061.0    | 0.858453 | Y    |
| 3  | STD5 460-871602/5   | 5.0           | 3.511377   | 50.0      | 189541.0    | 0.702275 | Y    |
| 4  | STD20 460-871602/6  | 20.0          | 14.932749  | 50.0      | 189292.0    | 0.746637 | Y    |
| 5  | STD50 460-871602/7  | 50.0          | 36.958176  | 50.0      | 195797.0    | 0.739164 | Y    |
| 6  | STD200 460-871602/8 | 200.0         | 150.938967 | 50.0      | 203202.0    | 0.754695 | Y    |
| 7  | STD500 460-871602/9 | 500.0         | 348.833404 | 50.0      | 229171.0    | 0.697667 | Y    |



FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268503-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 460-871602/16 Calibration Date: 10/13/2022 04:56  
 Instrument ID: CVOAMS8 Calib Start Date: 10/12/2022 23:30  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/13/2022 02:01  
 Lab File ID: J81275.D Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE                               | CURVE TYPE | AVE RRF | RRF    | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %REC | %REC LIMITS |
|---------------------------------------|------------|---------|--------|---------|-------------|--------------|------|-------------|
| Dichlorodifluoromethane               | Ave        | 0.3674  | 0.3225 |         | 17.6        | 20.0         | 88   | 60-140      |
| Chloromethane                         | Ave        | 0.5304  | 0.4982 |         | 18.8        | 20.0         | 94   | 0.1-205     |
| Vinyl chloride                        | Ave        | 0.3527  | 0.3764 |         | 21.3        | 20.0         | 107  | 5-195       |
| Butadiene                             | Ave        | 0.3387  | 0.3046 |         | 18.0        | 20.0         | 90   | 60-140      |
| Bromomethane                          | Ave        | 0.1299  | 0.1494 |         | 23.0        | 20.0         | 115  | 15-185      |
| Chloroethane                          | Ave        | 0.1740  | 0.1785 |         | 20.5        | 20.0         | 103  | 40-160      |
| Trichlorofluoromethane                | Ave        | 0.3747  | 0.3642 |         | 19.4        | 20.0         | 97   | 50-150      |
| Pentane                               | Ave        | 0.4372  | 0.5664 |         | 51.8        | 40.0         | 130  | 60-140      |
| Ethanol                               | Ave        | 0.0450  | 0.0335 |         | 595         | 800          | 74   | 60-140      |
| Ethyl ether                           | Ave        | 0.2176  | 0.2204 |         | 20.3        | 20.0         | 101  | 60-140      |
| 2-Methyl-1,3-butadiene                | Ave        | 0.2746  | 0.2996 |         | 21.8        | 20.0         | 109  | 60-140      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | Ave        | 0.2217  | 0.2133 |         | 19.2        | 20.0         | 96   | 60-140      |
| Acrolein                              | Ave        | 1.799   | 1.496  |         | 33.3        | 40.1         | 83   | 10-150      |
| 1,1-Dichloroethene                    | Ave        | 0.2219  | 0.2131 |         | 19.2        | 20.0         | 96   | 50-150      |
| Acetone                               | Ave        | 0.6627  | 0.5453 |         | 82.3        | 100          | 82   | 60-140      |
| Iodomethane                           | Lin2       |         | 0.1824 |         | 15.8        | 20.0         | 79   | 60-140      |
| Isopropyl alcohol                     | Ave        | 0.5196  | 0.4000 |         | 154         | 200          | 77   | 60-140      |
| Carbon disulfide                      | Ave        | 0.8155  | 0.8224 |         | 20.2        | 20.0         | 101  | 60-140      |
| 3-Chloro-1-propene                    | Ave        | 0.1557  | 0.1571 |         | 20.2        | 20.0         | 101  | 60-140      |
| Methyl acetate                        | Ave        | 0.2143  | 0.2240 |         | 41.8        | 40.0         | 105  | 60-140      |
| Acetonitrile                          | Ave        | 1.325   | 1.509  |         | 228         | 200          | 114  | 60-140      |
| Methylene Chloride                    | Ave        | 0.2744  | 0.2682 |         | 19.5        | 20.0         | 98   | 60-140      |
| 2-Methyl-2-propanol                   | Ave        | 0.8017  | 0.6463 |         | 161         | 200          | 81   | 60-140      |
| Methyl tert-butyl ether               | Ave        | 0.6816  | 0.6659 |         | 19.5        | 20.0         | 98   | 60-140      |
| trans-1,2-Dichloroethene              | Ave        | 0.2515  | 0.2365 |         | 18.8        | 20.0         | 94   | 70-130      |
| Acrylonitrile                         | Ave        | 4.784   | 4.845  |         | 203         | 200          | 101  | 60-140      |
| Hexane                                | Ave        | 0.3133  | 0.3290 |         | 21.0        | 20.0         | 105  | 60-140      |
| Isopropyl ether                       | Ave        | 1.042   | 1.149  |         | 22.1        | 20.0         | 110  | 60-140      |
| 1,1-Dichloroethane                    | Ave        | 0.5650  | 0.5568 |         | 19.7        | 20.0         | 99   | 70-130      |
| Vinyl acetate                         | Ave        | 0.6615  | 0.7312 |         | 44.2        | 40.0         | 111  | 60-140      |
| 2,2-Dichloropropane                   | Ave        | 0.1453  | 0.1326 |         | 18.2        | 20.0         | 91   | 60-140      |
| cis-1,2-Dichloroethene                | Ave        | 0.2764  | 0.2715 |         | 19.6        | 20.0         | 98   | 60-140      |
| 2-Butanone (MEK)                      | Ave        | 0.1966  | 0.1764 |         | 89.8        | 100          | 90   | 60-140      |
| Ethyl acetate                         | Ave        | 0.2052  | 0.2003 |         | 39.0        | 40.0         | 98   | 60-140      |
| Chlorobromomethane                    | Ave        | 0.1224  | 0.1177 |         | 19.2        | 20.0         | 96   | 60-140      |
| Tetrahydrofuran                       | Ave        | 0.1961  | 0.1985 |         | 40.5        | 40.0         | 101  | 60-140      |
| Chloroform                            | Ave        | 0.4935  | 0.4943 |         | 20.0        | 20.0         | 100  | 70-135      |
| Cyclohexane                           | Ave        | 0.3070  | 0.3150 |         | 20.5        | 20.0         | 103  | 60-140      |
| 1,1,1-Trichloroethane                 | Ave        | 0.3904  | 0.3792 |         | 19.4        | 20.0         | 97   | 70-130      |
| Carbon tetrachloride                  | Ave        | 0.3106  | 0.2924 |         | 18.8        | 20.0         | 94   | 70-130      |

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.: \_\_\_\_\_

Lab Sample ID: ICV 460-871602/16 Calibration Date: 10/13/2022 04:56

Instrument ID: CVOAMS8 Calib Start Date: 10/12/2022 23:30

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/13/2022 02:01

Lab File ID: J81275.D Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE                      | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %REC | %REC<br>LIMITS |
|------------------------------|---------------|---------|--------|---------|----------------|-----------------|------|----------------|
| 1,1-Dichloropropene          | Ave           | 0.3745  | 0.3735 |         | 19.9           | 20.0            | 100  | 60-140         |
| Benzene                      | Ave           | 1.394   | 1.503  |         | 21.6           | 20.0            | 108  | 65-135         |
| Isopropyl acetate            | Ave           | 0.7834  | 0.8019 |         | 20.5           | 20.0            | 102  | 60-140         |
| 1,2-Dichloroethane           | Ave           | 0.4184  | 0.4119 |         | 19.7           | 20.0            | 98   | 70-130         |
| n-Heptane                    | Ave           | 0.1247  | 0.1321 |         | 21.2           | 20.0            | 106  | 60-140         |
| n-Butanol                    | Ave           | 0.1892  | 0.1567 |         | 414            | 500             | 83   | 60-140         |
| Trichloroethene              | Ave           | 0.2781  | 0.2635 |         | 18.9           | 20.0            | 95   | 65-135         |
| Methylcyclohexane            | Ave           | 0.3157  | 0.3234 |         | 20.5           | 20.0            | 102  | 60-140         |
| Ethyl acrylate               | Ave           | 0.6709  | 0.6737 |         | 20.1           | 20.0            | 100  | 60-140         |
| 1,2-Dichloropropane          | Ave           | 0.3313  | 0.3122 |         | 18.8           | 20.0            | 94   | 35-165         |
| Methyl methacrylate          | Ave           | 0.0501  | 0.0476 |         | 38.0           | 40.0            | 95   | 60-140         |
| 1,4-Dioxane                  | Ave           | 0.5434  | 0.3693 |         | 272            | 400             | 68   | 60-140         |
| Dibromomethane               | Ave           | 0.1826  | 0.1715 |         | 18.8           | 20.0            | 94   | 60-140         |
| n-Propyl acetate             | Ave           | 0.4180  | 0.4188 |         | 20.0           | 20.0            | 100  | 60-140         |
| Dichlorobromomethane         | Ave           | 0.3711  | 0.3540 |         | 19.1           | 20.0            | 95   | 65-135         |
| 2-Chloroethyl vinyl ether    | Ave           | 0.1839  | 0.1726 |         | 18.8           | 20.0            | 94   | 0.1-225        |
| Epichlorohydrin              | Ave           | 0.2009  | 0.1942 |         | 19.3           | 20.0            | 97   | 60-140         |
| cis-1,3-Dichloropropene      | Ave           | 0.6566  | 0.6386 |         | 19.4           | 20.0            | 97   | 25-175         |
| 4-Methyl-2-pentanone (MIBK)  | Ave           | 2.371   | 2.306  |         | 97.2           | 100             | 97   | 60-140         |
| Toluene                      | Ave           | 1.456   | 1.458  |         | 20.0           | 20.0            | 100  | 70-130         |
| trans-1,3-Dichloropropene    | Ave           | 0.5843  | 0.5750 |         | 19.7           | 20.0            | 98   | 50-150         |
| 1,1,2-Trichloroethane        | Ave           | 0.3075  | 0.3054 |         | 19.9           | 20.0            | 99   | 70-130         |
| Tetrachloroethene            | Ave           | 0.3040  | 0.3056 |         | 20.1           | 20.0            | 101  | 70-130         |
| 1,3-Dichloropropane          | Ave           | 0.5684  | 0.5749 |         | 20.2           | 20.0            | 101  | 60-140         |
| 2-Hexanone                   | Ave           | 0.7744  | 0.7191 |         | 92.9           | 100             | 93   | 60-140         |
| n-Butyl acetate              | Ave           | 0.6725  | 0.6914 |         | 20.6           | 20.0            | 103  | 60-140         |
| Chlorodibromomethane         | Ave           | 0.3245  | 0.3098 |         | 19.1           | 20.0            | 95   | 70-135         |
| Ethylene Dibromide           | Ave           | 0.3311  | 0.3242 |         | 19.6           | 20.0            | 98   | 60-140         |
| Chlorobenzene                | Ave           | 0.8794  | 0.8683 |         | 19.7           | 20.0            | 99   | 65-135         |
| Ethylbenzene                 | Ave           | 0.4602  | 0.4597 |         | 20.0           | 20.0            | 100  | 60-140         |
| 1,1,1,2-Tetrachloroethane    | Ave           | 0.2994  | 0.2926 |         | 19.5           | 20.0            | 98   | 60-140         |
| m-Xylene & p-Xylene          | Ave           | 0.5729  | 0.5658 |         | 19.8           | 20.0            | 99   | 60-140         |
| o-Xylene                     | Ave           | 0.5760  | 0.5685 |         | 19.7           | 20.0            | 99   | 60-140         |
| n-Butyl acrylate             | Ave           | 0.2911  | 0.2931 |         | 20.1           | 20.0            | 101  | 60-140         |
| Styrene                      | Ave           | 0.9873  | 0.9827 |         | 19.9           | 20.0            | 100  | 60-140         |
| Bromoform                    | Ave           | 0.2031  | 0.1877 |         | 18.5           | 20.0            | 92   | 70-130         |
| Amyl acetate (mixed isomers) | Ave           | 1.443   | 1.536  |         | 21.3           | 20.0            | 106  | 60-140         |
| Isopropylbenzene             | Ave           | 1.401   | 1.422  |         | 20.3           | 20.0            | 101  | 60-140         |
| Bromobenzene                 | Ave           | 0.7028  | 0.6909 |         | 19.7           | 20.0            | 98   | 60-140         |
| 1,1,2,2-Tetrachloroethane    | Ave           | 0.8301  | 0.8407 |         | 20.3           | 20.0            | 101  | 60-140         |
| N-Propylbenzene              | Ave           | 3.295   | 3.321  |         | 20.2           | 20.0            | 101  | 60-140         |

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268503-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: ICV 460-871602/16 Calibration Date: 10/13/2022 04:56  
 Instrument ID: CVOAMS8 Calib Start Date: 10/12/2022 23:30  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/13/2022 02:01  
 Lab File ID: J81275.D Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE                      | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %REC | %REC<br>LIMITS |
|------------------------------|---------------|---------|--------|---------|----------------|-----------------|------|----------------|
| 1,2,3-Trichloropropane       | Ave           | 0.1829  | 0.1739 |         | 19.0           | 20.0            | 95   | 60-140         |
| 2-Chlorotoluene              | Ave           | 2.353   | 2.407  |         | 20.5           | 20.0            | 102  | 60-140         |
| 1,3,5-Trimethylbenzene       | Ave           | 2.195   | 2.192  |         | 20.0           | 20.0            | 100  | 60-140         |
| 4-Chlorotoluene              | Ave           | 2.272   | 2.290  |         | 20.2           | 20.0            | 101  | 60-140         |
| Butyl Methacrylate           | Ave           | 0.8536  | 0.8583 |         | 20.1           | 20.0            | 101  | 60-140         |
| tert-Butylbenzene            | Ave           | 1.661   | 1.662  |         | 20.0           | 20.0            | 100  | 60-140         |
| 1,2,4-Trimethylbenzene       | Ave           | 2.322   | 2.367  |         | 20.4           | 20.0            | 102  | 60-140         |
| sec-Butylbenzene             | Ave           | 2.501   | 2.518  |         | 20.1           | 20.0            | 101  | 60-140         |
| 1,3-Dichlorobenzene          | Ave           | 1.262   | 1.251  |         | 19.8           | 20.0            | 99   | 70-130         |
| 4-Isopropyltoluene           | Ave           | 2.076   | 2.100  |         | 20.2           | 20.0            | 101  | 60-140         |
| 1,4-Dichlorobenzene          | Ave           | 1.321   | 1.313  |         | 19.9           | 20.0            | 99   | 65-135         |
| 1,2,3-Trimethylbenzene       | Ave           | 2.461   | 2.526  |         | 20.5           | 20.0            | 103  | 60-140         |
| Benzyl chloride              | Ave           | 1.339   | 1.359  |         | 20.3           | 20.0            | 102  | 60-140         |
| n-Butylbenzene               | Ave           | 1.166   | 1.173  |         | 20.1           | 20.0            | 101  | 60-140         |
| 1,2-Dichlorobenzene          | Ave           | 1.254   | 1.252  |         | 20.0           | 20.0            | 100  | 65-135         |
| 1,2-Dibromo-3-Chloropropane  | Ave           | 0.1310  | 0.1172 |         | 17.9           | 20.0            | 89   | 60-140         |
| 1,2,4-Trichlorobenzene       | Ave           | 0.8148  | 0.7824 |         | 19.2           | 20.0            | 96   | 60-140         |
| Hexachlorobutadiene          | Ave           | 0.2812  | 0.2845 |         | 20.2           | 20.0            | 101  | 60-140         |
| Naphthalene                  | Ave           | 2.104   | 2.006  |         | 19.1           | 20.0            | 95   | 60-140         |
| 1,2,3-Trichlorobenzene       | Ave           | 0.7498  | 0.7067 |         | 18.8           | 20.0            | 94   | 60-140         |
| Dibromofluoromethane (Surr)  | Ave           | 0.2174  | 0.2194 |         | 50.5           | 50.0            | 101  | 60-140         |
| 1,2-Dichloroethane-d4 (Surr) | Ave           | 0.2990  | 0.3033 |         | 50.7           | 50.0            | 101  | 60-140         |
| Toluene-d8 (Surr)            | Ave           | 1.070   | 1.129  |         | 52.8           | 50.0            | 106  | 60-140         |
| 4-Bromofluorobenzene         | Ave           | 0.3550  | 0.3637 |         | 51.2           | 50.0            | 102  | 60-140         |

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81275.D  
 Lims ID: ICV  
 Client ID:  
 Sample Type: ICV  
 Inject. Date: 13-Oct-2022 04:56:30 ALS Bottle#: 16 Worklist Smp#: 16  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: ICV  
 Misc. Info.: 460-0151655-016  
 Operator ID: Instrument ID: CVOAMS8  
 Sublist:  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 14-Oct-2022 16:05:18 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1652

First Level Reviewer: HVW2

Date: 13-Oct-2022 05:16:10

| Compound                                 | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q   | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|------------------------------------------|-----|--------------|------------------|------------------|-----|----------|-----------------|-------------------|-------|
| 2 Chlorotrifluoroethene                  | 118 | 1.148        | 1.151            | -0.003           | 95  | 2626     | NC              | NC                |       |
| 4 Dichlorodifluoromethane                | 85  | 1.173        | 1.175            | -0.002           | 100 | 58464    | 20.0            | 17.6              |       |
| 5 Chlorodifluoromethane                  | 67  | 1.191        | 1.193            | -0.002           | 98  | 10922    | NC              | NC                |       |
| 6 Chloromethane                          | 50  | 1.307        | 1.303            | 0.004            | 100 | 90322    | 20.0            | 18.8              |       |
| 7 Vinyl chloride                         | 62  | 1.361        | 1.364            | -0.003           | 99  | 68231    | 20.0            | 21.3              |       |
| 8 Butadiene                              | 54  | 1.380        | 1.376            | 0.004            | 94  | 55213    | 20.0            | 18.0              |       |
| 9 Bromomethane                           | 94  | 1.574        | 1.577            | -0.003           | 99  | 27082    | 20.0            | 23.0              |       |
| 10 Chloroethane                          | 64  | 1.629        | 1.631            | -0.002           | 98  | 32361    | 20.0            | 20.5              |       |
| 12 Dichlorofluoromethane                 | 67  | 1.751        | 1.753            | -0.002           | 99  | 94697    | NC              | NC                |       |
| 11 Trichlorofluoromethane                | 101 | 1.763        | 1.759            | 0.004            | 98  | 66030    | 20.0            | 19.4              |       |
| 13 Pentane                               | 43  | 1.793        | 1.789            | 0.004            | 96  | 205378   | 40.0            | 51.8              |       |
| 14 Ethanol                               | 46  | 1.891        | 1.887            | 0.004            | 97  | 4911     | 800.0           | 594.6             |       |
| 15 Ethyl ether                           | 59  | 1.933        | 1.929            | 0.004            | 88  | 39959    | 20.0            | 20.3              |       |
| 16 2-Methyl-1,3-butadiene                | 53  | 1.951        | 1.948            | 0.003            | 95  | 54311    | 20.0            | 21.8              |       |
| 17 1,2-Dichloro-1,1,2-trifluoroethane    | 117 | 1.958        | 1.960            | -0.002           | 97  | 29764    | NC              | NC                |       |
| 18 1,1,1-Trifluoro-2,2-dichloroethane    | 83  | 2.000        | 1.996            | 0.004            | 98  | 63332    | NC              | NC                |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroethane | 101 | 2.055        | 2.057            | -0.002           | 92  | 38666    | 20.0            | 19.2              |       |
| 19 Acrolein                              | 56  | 2.061        | 2.057            | 0.004            | 94  | 10989    | 40.1            | 33.3              |       |
| 21 1,1-Dichloroethene                    | 96  | 2.091        | 2.088            | 0.003            | 92  | 38639    | 20.0            | 19.2              |       |
| 22 Acetone                               | 43  | 2.152        | 2.148            | 0.004            | 84  | 63288    | 100.0           | 82.3              |       |
| 23 Iodomethane                           | 142 | 2.213        | 2.209            | 0.004            | 99  | 33068    | 20.0            | 15.8              |       |
| 25 Isopropyl alcohol                     | 45  | 2.213        | 2.209            | 0.004            | 55  | 14669    | 200.0           | 154.0             |       |
| 24 Carbon disulfide                      | 76  | 2.237        | 2.234            | 0.003            | 100 | 149101   | 20.0            | 20.2              |       |
| 26 3-Chloro-1-propene                    | 76  | 2.335        | 2.331            | 0.004            | 94  | 28479    | 20.0            | 20.2              |       |
| 28 Methyl acetate                        | 43  | 2.335        | 2.337            | -0.002           | 99  | 81215    | 40.0            | 41.8              |       |
| 27 Cyclopentene                          | 67  | 2.353        | 2.349            | 0.004            | 95  | 124604   | NC              | NC                |       |
| 29 Acetonitrile                          | 41  | 2.383        | 2.380            | 0.003            | 97  | 55356    | 200.0           | 227.8             |       |
| * 30 TBA-d9 (IS)                         | 65  | 2.414        | 2.410            | 0.004            | 77  | 183376   | 1000.0          | 1000.0            |       |
| 31 Methylene Chloride                    | 84  | 2.432        | 2.428            | 0.004            | 95  | 48624    | 20.0            | 19.5              |       |
| 32 2-Methyl-2-propanol                   | 59  | 2.469        | 2.465            | 0.004            | 98  | 23705    | 200.0           | 161.2             |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 33 Methyl tert-butyl ether         | 73  | 2.560     | 2.556         | 0.004         | 96  | 120728   | 20.0         | 19.5           |       |
| 34 trans-1,2-Dichloroethene        | 96  | 2.584     | 2.580         | 0.004         | 95  | 42878    | 20.0         | 18.8           |       |
| 35 Acrylonitrile                   | 53  | 2.639     | 2.635         | 0.004         | 93  | 177700   | 200.0        | 202.6          |       |
| 36 Hexane                          | 57  | 2.706     | 2.702         | 0.004         | 94  | 59650    | 20.0         | 21.0           |       |
| 37 Isopropyl ether                 | 45  | 2.876     | 2.872         | 0.004         | 97  | 208368   | 20.0         | 22.1           |       |
| 38 1,1-Dichloroethane              | 63  | 2.913     | 2.909         | 0.004         | 99  | 100949   | 20.0         | 19.7           |       |
| 39 Vinyl acetate                   | 43  | 2.919     | 2.915         | 0.004         | 100 | 265132   | 40.0         | 44.2           |       |
| 40 2-Chloro-1,3-butadiene          | 88  | 2.949     | 2.945         | 0.004         | 95  | 40152    | NC           | NC             |       |
| 41 Tert-butyl ethyl ether          | 59  | 3.150     | 3.146         | 0.004         | 86  | 161015   | NC           | NC             |       |
| * 43 2-Butanone-d5                 | 46  | 3.326     | 3.323         | 0.003         | 96  | 290133   | 250.0        | 250.0          |       |
| 42 2,2-Dichloropropane             | 79  | 3.339     | 3.335         | 0.003         | 92  | 24037    | 20.0         | 18.2           |       |
| 44 cis-1,2-Dichloroethene          | 96  | 3.363     | 3.359         | 0.004         | 89  | 49213    | 20.0         | 19.6           |       |
| 46 2-Butanone (MEK)                | 72  | 3.381     | 3.377         | 0.004         | 94  | 20474    | 100.0        | 89.8           |       |
| 45 Ethyl acetate                   | 70  | 3.381     | 3.377         | 0.004         | 96  | 9298     | 40.0         | 39.0           |       |
| 47 Methyl acrylate                 | 55  | 3.430     | 3.426         | 0.004         | 99  | 43238    | NC           | NC             |       |
| 48 Propionitrile                   | 54  | 3.497     | 3.493         | 0.004         | 97  | 64209    | NC           | NC             |       |
| 50 Chlorobromomethane              | 128 | 3.570     | 3.566         | 0.004         | 93  | 21338    | 20.0         | 19.2           |       |
| 49 Tetrahydrofuran                 | 72  | 3.570     | 3.566         | 0.004         | 94  | 9215     | 40.0         | 40.5           |       |
| 51 Methacrylonitrile               | 67  | 3.588     | 3.584         | 0.004         | 98  | 190101   | NC           | NC             |       |
| 52 Chloroform                      | 83  | 3.612     | 3.608         | 0.004         | 96  | 89617    | 20.0         | 20.0           |       |
| 53 Cyclohexane                     | 84  | 3.728     | 3.724         | 0.004         | 97  | 57106    | 20.0         | 20.5           |       |
| 54 1,1,1-Trichloroethane           | 97  | 3.740     | 3.742         | -0.002        | 96  | 68753    | 20.0         | 19.4           |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.758     | 3.754         | 0.004         | 94  | 99433    | 50.0         | 50.5           |       |
| 56 Carbon tetrachloride            | 117 | 3.856     | 3.852         | 0.004         | 97  | 53018    | 20.0         | 18.8           |       |
| 57 1,1-Dichloropropene             | 75  | 3.886     | 3.882         | 0.004         | 91  | 67712    | 20.0         | 19.9           |       |
| 58 Isobutyl alcohol                | 43  | 4.014     | 4.010         | 0.004         | 94  | 55162    | NC           | NC             |       |
| 59 Isooctane                       | 57  | 4.038     | 4.034         | 0.004         | 98  | 107205   | NC           | NC             |       |
| 60 Benzene                         | 78  | 4.069     | 4.065         | 0.004         | 98  | 195279   | 20.0         | 21.6           |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.087     | 4.083         | 0.004         | 0   | 137478   | 50.0         | 50.7           |       |
| 62 Isopropyl acetate               | 43  | 4.129     | 4.126         | 0.003         | 94  | 145375   | 20.0         | 20.5           |       |
| 63 Tert-amyl methyl ether          | 55  | 4.135     | 4.132         | 0.003         | 90  | 33616    | NC           | NC             |       |
| 64 1,2-Dichloroethane              | 62  | 4.160     | 4.156         | 0.004         | 96  | 74672    | 20.0         | 19.7           |       |
| 65 n-Heptane                       | 57  | 4.221     | 4.211         | 0.010         | 97  | 23952    | 20.0         | 21.2           |       |
| * 66 Fluorobenzene                 | 96  | 4.348     | 4.345         | 0.003         | 97  | 453232   | 50.0         | 50.0           |       |
| 67 n-Butanol                       | 56  | 4.671     | 4.667         | 0.004         | 98  | 14370    | 500.0        | 414.3          |       |
| 68 Trichloroethene                 | 95  | 4.695     | 4.691         | 0.004         | 91  | 47766    | 20.0         | 18.9           |       |
| 69 Methylcyclohexane               | 83  | 4.817     | 4.813         | 0.004         | 85  | 58638    | 20.0         | 20.5           |       |
| 70 Ethyl acrylate                  | 55  | 4.829     | 4.819         | 0.010         | 97  | 122137   | 20.0         | 20.1           |       |
| 71 1,2-Dichloropropane             | 63  | 4.987     | 4.983         | 0.004         | 87  | 56597    | 20.0         | 18.8           |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.060     | 5.056         | 0.004         | 0   | 22507    | 1000.0       | 1000.0         |       |
| 73 Methyl methacrylate             | 100 | 5.078     | 5.075         | 0.003         | 94  | 17258    | 40.0         | 38.0           |       |
| 74 Dibromomethane                  | 93  | 5.121     | 5.117         | 0.004         | 93  | 31097    | 20.0         | 18.8           |       |
| 75 1,4-Dioxane                     | 88  | 5.115     | 5.123         | -0.008        | 38  | 3325     | 400.0        | 271.8          |       |
| 76 n-Propyl acetate                | 43  | 5.139     | 5.135         | 0.004         | 99  | 75934    | 20.0         | 20.0           |       |
| 77 Dichlorobromomethane            | 83  | 5.279     | 5.275         | 0.004         | 98  | 64169    | 20.0         | 19.1           |       |
| 78 2-Nitropropane                  | 41  | 5.638     | 5.634         | 0.004         | 81  | 25830    | NC           | NC             |       |
| 79 2-Chloroethyl vinyl ether       | 63  | 5.650     | 5.640         | 0.010         | 83  | 31284    | 20.0         | 18.8           |       |
| 80 Epichlorohydrin                 | 57  | 5.760     | 5.750         | 0.010         | 91  | 4508     | 20.0         | 19.3           |       |
| 81 cis-1,3-Dichloropropene         | 75  | 5.808     | 5.805         | 0.003         | 99  | 82978    | 20.0         | 19.4           |       |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 5.997     | 5.993         | 0.004         | 97  | 267568   | 100.0        | 97.2           |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.064     | 6.060         | 0.004         | 97  | 366845   | 50.0         | 52.8           |       |
| 84 Toluene                         | 91  | 6.149     | 6.145         | 0.004         | 93  | 189502   | 20.0         | 20.0           |       |



| Compound                         | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|----------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 85 trans-1,3-Dichloropropene     | 75  | 6.551     | 6.541         | 0.010         | 97  | 74717    | 20.0         | 19.7           |       |
| 86 Ethyl methacrylate            | 69  | 6.593     | 6.589         | 0.004         | 97  | 55633    | NC           | NC             |       |
| 87 1,1,2-Trichloroethane         | 83  | 6.782     | 6.778         | 0.004         | 93  | 39687    | 20.0         | 19.9           |       |
| 88 Tetrachloroethene             | 166 | 6.812     | 6.808         | 0.004         | 92  | 39710    | 20.0         | 20.1           |       |
| 89 1,3-Dichloropropane           | 76  | 7.013     | 7.009         | 0.004         | 95  | 74702    | 20.0         | 20.2           |       |
| 90 2-Hexanone                    | 58  | 7.104     | 7.100         | 0.004         | 98  | 83454    | 100.0        | 92.9           |       |
| 91 n-Butyl acetate               | 43  | 7.250     | 7.246         | 0.004         | 95  | 89839    | 20.0         | 20.6           |       |
| 92 Chlorodibromomethane          | 129 | 7.268     | 7.259         | 0.009         | 96  | 40262    | 20.0         | 19.1           |       |
| 93 Ethylene Dibromide            | 107 | 7.433     | 7.423         | 0.010         | 98  | 42123    | 20.0         | 19.6           |       |
| * 94 Chlorobenzene-d5            | 117 | 8.017     | 8.013         | 0.004         | 93  | 324862   | 50.0         | 50.0           |       |
| 95 Chlorobenzene                 | 112 | 8.053     | 8.049         | 0.004         | 89  | 112830   | 20.0         | 19.7           |       |
| 96 Ethylbenzene                  | 106 | 8.163     | 8.153         | 0.010         | 100 | 59738    | 20.0         | 20.0           |       |
| 97 1,1,1,2-Tetrachloroethane     | 131 | 8.175     | 8.165         | 0.010         | 93  | 38016    | 20.0         | 19.5           |       |
| 98 m-Xylene & p-Xylene           | 106 | 8.309     | 8.305         | 0.004         | 0   | 73517    | 20.0         | 19.8           |       |
| 99 o-Xylene                      | 106 | 8.759     | 8.755         | 0.004         | 92  | 73874    | 20.0         | 19.7           |       |
| 100 n-Butyl acrylate             | 73  | 8.777     | 8.773         | 0.004         | 95  | 38092    | 20.0         | 20.1           |       |
| 101 Styrene                      | 104 | 8.795     | 8.792         | 0.003         | 91  | 127703   | 20.0         | 19.9           |       |
| 103 Bromoform                    | 173 | 9.008     | 9.004         | 0.004         | 94  | 24393    | 20.0         | 18.5           |       |
| 102 Amyl acetate (mixed isomers) | 43  | 9.027     | 9.017         | 0.010         | 85  | 110667   | 20.0         | 21.3           |       |
| 104 Isopropylbenzene             | 105 | 9.142     | 9.138         | 0.004         | 98  | 184734   | 20.0         | 20.3           |       |
| \$ 105 4-Bromofluorobenzene      | 174 | 9.337     | 9.333         | 0.004         | 83  | 118149   | 50.0         | 51.2           |       |
| 106 Bromobenzene                 | 156 | 9.465     | 9.461         | 0.004         | 93  | 49791    | 20.0         | 19.7           |       |
| 107 1,1,2,2-Tetrachloroethane    | 83  | 9.531     | 9.528         | 0.003         | 99  | 60583    | 20.0         | 20.3           |       |
| 108 N-Propylbenzene              | 91  | 9.550     | 9.546         | 0.004         | 98  | 239348   | 20.0         | 20.2           |       |
| 109 1,2,3-Trichloropropane       | 110 | 9.568     | 9.564         | 0.004         | 96  | 12533    | 20.0         | 19.0           |       |
| 110 trans-1,4-Dichloro-2-butene  | 53  | 9.598     | 9.595         | 0.003         | 85  | 18919    | NC           | NC             |       |
| 111 2-Chlorotoluene              | 91  | 9.641     | 9.637         | 0.004         | 97  | 173440   | 20.0         | 20.5           |       |
| 112 4-Ethyltoluene               | 105 | 9.659     | 9.655         | 0.004         | 97  | 193196   | NC           | NC             |       |
| 113 1,3,5-Trimethylbenzene       | 105 | 9.726     | 9.722         | 0.004         | 91  | 157946   | 20.0         | 20.0           |       |
| 114 4-Chlorotoluene              | 91  | 9.757     | 9.753         | 0.004         | 99  | 165010   | 20.0         | 20.2           |       |
| 115 Butyl Methacrylate           | 87  | 9.842     | 9.838         | 0.004         | 96  | 61849    | 20.0         | 20.1           |       |
| 116 tert-Butylbenzene            | 119 | 10.006    | 10.002        | 0.004         | 88  | 119763   | 20.0         | 20.0           |       |
| 117 1,2,4-Trimethylbenzene       | 105 | 10.061    | 10.063        | -0.002        | 99  | 170600   | 20.0         | 20.4           |       |
| 118 sec-Butylbenzene             | 105 | 10.201    | 10.197        | 0.004         | 98  | 181425   | 20.0         | 20.1           |       |
| 120 1,3-Dichlorobenzene          | 146 | 10.322    | 10.319        | 0.003         | 92  | 90117    | 20.0         | 19.8           |       |
| 119 4-Isopropyltoluene           | 119 | 10.328    | 10.325        | 0.003         | 96  | 151330   | 20.0         | 20.2           |       |
| * 121 1,4-Dichlorobenzene-d4     | 152 | 10.389    | 10.385        | 0.004         | 98  | 180160   | 50.0         | 50.0           |       |
| 122 1,4-Dichlorobenzene          | 146 | 10.408    | 10.404        | 0.004         | 95  | 94607    | 20.0         | 19.9           |       |
| 123 1,2,3-Trimethylbenzene       | 105 | 10.426    | 10.428        | -0.002        | 99  | 182061   | 20.0         | 20.5           |       |
| 124 Benzyl chloride              | 91  | 10.535    | 10.531        | 0.004         | 96  | 97938    | 20.0         | 20.3           |       |
| 125 2,3-Dihydroindene            | 117 | 10.590    | 10.586        | 0.004         | 94  | 173470   | NC           | NC             |       |
| 126 p-Diethylbenzene             | 119 | 10.651    | 10.647        | 0.004         | 90  | 93274    | NC           | NC             |       |
| 127 n-Butylbenzene               | 92  | 10.669    | 10.671        | -0.002        | 97  | 84565    | 20.0         | 20.1           |       |
| 128 1,2-Dichlorobenzene          | 146 | 10.718    | 10.714        | 0.004         | 93  | 90220    | 20.0         | 20.0           |       |
| 129 1,2,4,5-Tetramethylbenzene   | 119 | 11.277    | 11.274        | 0.003         | 96  | 156151   | NC           | NC             |       |
| 130 1,2-Dibromo-3-Chloropropane  | 157 | 11.357    | 11.353        | 0.004         | 87  | 8443     | 20.0         | 17.9           |       |
| 131 1,3,5-Trichlorobenzene       | 180 | 11.466    | 11.462        | 0.004         | 95  | 62656    | NC           | NC             |       |
| 132 1,2,4-Trichlorobenzene       | 180 | 11.941    | 11.937        | 0.004         | 93  | 56385    | 20.0         | 19.2           |       |
| 133 Hexachlorobutadiene          | 225 | 12.026    | 12.022        | 0.004         | 93  | 20499    | 20.0         | 20.2           |       |
| 134 Naphthalene                  | 128 | 12.129    | 12.125        | 0.004         | 98  | 144549   | 20.0         | 19.1           |       |
| 135 1,2,3-Trichlorobenzene       | 180 | 12.299    | 12.296        | 0.003         | 94  | 50926    | 20.0         | 18.8           |       |
| S 136 1,2-Dichloroethene, Total  | 100 |           |               |               | 0   |          | 40.0         | 38.5           |       |

| Compound             | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|----------------------|-----|--------------|------------------|------------------|---|----------|-----------------|-------------------|-------|
| S 137 Xylenes, Total | 100 |              |                  |                  | 0 |          | 40.0            | 39.5              |       |
| S 138 Total BTEX     | 1   |              |                  |                  | 0 |          | 100.0           | 101.1             |       |

### QC Flag Legend

Processing Flags

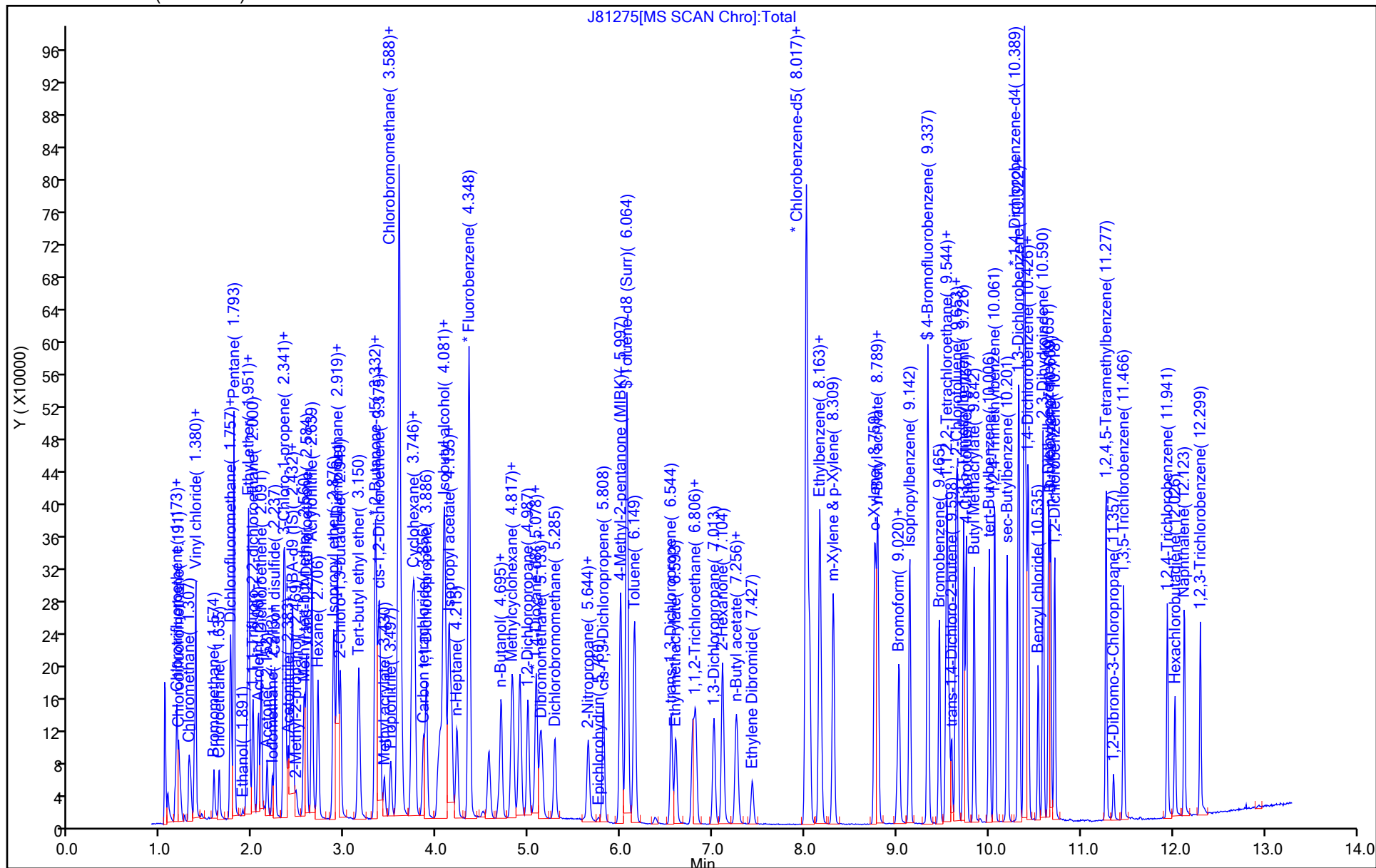
NC - Not Calibrated

### Reagents:

|                   |                     |           |             |
|-------------------|---------------------|-----------|-------------|
| GAS C SP_00483    | Amount Added: 20.00 | Units: uL |             |
| 8260 SP_00159     | Amount Added: 20.00 | Units: uL |             |
| 8FreonsSS_00050   | Amount Added: 20.00 | Units: uL |             |
| ACROLEIN SP_00142 | Amount Added: 4.00  | Units: uL |             |
| 8260ISNEW_00171   | Amount Added: 1.00  | Units: uL | Run Reagent |
| 8260SURR250_00232 | Amount Added: 1.00  | Units: uL | Run Reagent |

ALS Bottle#: 16

Column: Rtx-624 ( 0.25 mm)



FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.: \_\_\_\_\_

Lab Sample ID: CCVIS 460-875754/3 Calibration Date: 11/03/2022 08:29

Instrument ID: CVOAMS8 Calib Start Date: 10/12/2022 23:30

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/13/2022 02:01

Lab File ID: J82192.D Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE                               | CURVE TYPE | AVE RRF | RRF    | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %REC | %REC LIMITS |
|---------------------------------------|------------|---------|--------|---------|-------------|--------------|------|-------------|
| Dichlorodifluoromethane               | Ave        | 0.3674  | 0.3081 |         | 16.8        | 20.0         | 84   | 60-140      |
| Chloromethane                         | Ave        | 0.5304  | 0.2976 |         | 11.2        | 20.0         | 56   | 0.1-205     |
| Vinyl chloride                        | Ave        | 0.3527  | 0.2356 |         | 13.4        | 20.0         | 67   | 5-195       |
| Butadiene                             | Ave        | 0.3387  | 0.2085 |         | 12.3        | 20.0         | 62   | 60-140      |
| Bromomethane                          | Ave        | 0.1299  | 0.0999 |         | 15.4        | 20.0         | 77   | 15-185      |
| Chloroethane                          | Ave        | 0.1740  | 0.1261 |         | 14.5        | 20.0         | 72   | 40-160      |
| Trichlorofluoromethane                | Ave        | 0.3747  | 0.3566 |         | 19.0        | 20.0         | 95   | 50-150      |
| Pentane                               | Ave        | 0.4372  | 0.3132 |         | 28.7        | 40.0         | 72   | 60-140      |
| Ethanol                               | Ave        | 0.0450  | 0.0569 |         | 1010        | 800          | 126  | 60-140      |
| Ethyl ether                           | Ave        | 0.2176  | 0.1552 |         | 14.3        | 20.0         | 71   | 60-140      |
| 2-Methyl-1,3-butadiene                | Ave        | 0.2746  | 0.2105 |         | 15.3        | 20.0         | 77   | 60-140      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | Ave        | 0.2217  | 0.2482 |         | 22.4        | 20.0         | 112  | 60-140      |
| Acrolein                              | Ave        | 1.799   | 1.355  |         | 30.1        | 40.0         | 75   | 10-150      |
| 1,1-Dichloroethene                    | Ave        | 0.2219  | 0.2156 |         | 19.4        | 20.0         | 97   | 50-150      |
| Acetone                               | Ave        | 0.6627  | 0.5697 |         | 86.0        | 100          | 86   | 60-140      |
| Iodomethane                           | Lin2       |         | 0.1665 |         | 14.4        | 20.0         | 72   | 60-140      |
| Isopropyl alcohol                     | Ave        | 0.5196  | 0.6558 |         | 252         | 200          | 126  | 60-140      |
| Carbon disulfide                      | Ave        | 0.8155  | 0.8344 |         | 20.5        | 20.0         | 102  | 60-140      |
| 3-Chloro-1-propene                    | Ave        | 0.1557  | 0.1358 |         | 17.4        | 20.0         | 87   | 60-140      |
| Methyl acetate                        | Ave        | 0.2143  | 0.1240 |         | 23.1        | 40.0         | 58*  | 60-140      |
| Acetonitrile                          | Ave        | 1.325   | 1.366  |         | 206         | 200          | 103  | 60-140      |
| Methylene Chloride                    | Ave        | 0.2744  | 0.2599 |         | 18.9        | 20.0         | 95   | 60-140      |
| 2-Methyl-2-propanol                   | Ave        | 0.8017  | 0.9779 |         | 244         | 200          | 122  | 60-140      |
| Methyl tert-butyl ether               | Ave        | 0.6816  | 0.5279 |         | 15.5        | 20.0         | 77   | 60-140      |
| trans-1,2-Dichloroethene              | Ave        | 0.2515  | 0.2423 |         | 19.3        | 20.0         | 96   | 70-130      |
| Acrylonitrile                         | Ave        | 4.784   | 4.178  |         | 175         | 200          | 87   | 60-140      |
| Hexane                                | Ave        | 0.3133  | 0.2339 |         | 14.9        | 20.0         | 75   | 60-140      |
| Isopropyl ether                       | Ave        | 1.042   | 0.5627 |         | 10.8        | 20.0         | 54*  | 60-140      |
| 1,1-Dichloroethane                    | Ave        | 0.5650  | 0.4525 |         | 16.0        | 20.0         | 80   | 70-130      |
| Vinyl acetate                         | Ave        | 0.6615  | 0.3802 |         | 23.0        | 40.0         | 57*  | 60-140      |
| 2,2-Dichloropropane                   | Ave        | 0.1453  | 0.1189 |         | 16.4        | 20.0         | 82   | 60-140      |
| cis-1,2-Dichloroethene                | Ave        | 0.2764  | 0.2809 |         | 20.3        | 20.0         | 102  | 60-140      |
| 2-Butanone (MEK)                      | Ave        | 0.1966  | 0.2360 |         | 120         | 100          | 120  | 60-140      |
| Ethyl acetate                         | Ave        | 0.2052  | 0.2905 |         | 56.6        | 40.0         | 142* | 60-140      |
| Chlorobromomethane                    | Ave        | 0.1224  | 0.1402 |         | 22.9        | 20.0         | 115  | 60-140      |
| Tetrahydrofuran                       | Ave        | 0.1961  | 0.2523 |         | 51.5        | 40.0         | 129  | 60-140      |
| Chloroform                            | Ave        | 0.4935  | 0.4642 |         | 18.8        | 20.0         | 94   | 70-135      |
| Cyclohexane                           | Ave        | 0.3070  | 0.3011 |         | 19.6        | 20.0         | 98   | 60-140      |
| 1,1,1-Trichloroethane                 | Ave        | 0.3904  | 0.3916 |         | 20.1        | 20.0         | 100  | 70-130      |
| Carbon tetrachloride                  | Ave        | 0.3106  | 0.3344 |         | 21.5        | 20.0         | 108  | 70-130      |

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.: \_\_\_\_\_

Lab Sample ID: CCVIS 460-875754/3 Calibration Date: 11/03/2022 08:29

Instrument ID: CVOAMS8 Calib Start Date: 10/12/2022 23:30

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/13/2022 02:01

Lab File ID: J82192.D Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE                      | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %REC | %REC<br>LIMITS |
|------------------------------|---------------|---------|--------|---------|----------------|-----------------|------|----------------|
| 1,1-Dichloropropene          | Ave           | 0.3745  | 0.3196 |         | 17.1           | 20.0            | 85   | 60-140         |
| Benzene                      | Ave           | 1.394   | 0.9703 |         | 13.9           | 20.0            | 70   | 65-135         |
| Isopropyl acetate            | Ave           | 0.7834  | 0.4166 |         | 10.6           | 20.0            | 53*  | 60-140         |
| 1,2-Dichloroethane           | Ave           | 0.4184  | 0.3403 |         | 16.3           | 20.0            | 81   | 70-130         |
| n-Heptane                    | Ave           | 0.1247  | 0.0824 |         | 13.2           | 20.0            | 66   | 60-140         |
| n-Butanol                    | Ave           | 0.1892  | 0.3423 |         | 905            | 500             | 181* | 60-140         |
| Trichloroethene              | Ave           | 0.2781  | 0.3217 |         | 23.1           | 20.0            | 116  | 65-135         |
| Methylcyclohexane            | Ave           | 0.3157  | 0.3493 |         | 22.1           | 20.0            | 111  | 60-140         |
| Ethyl acrylate               | Ave           | 0.6709  | 0.5466 |         | 16.3           | 20.0            | 81   | 60-140         |
| 1,2-Dichloropropane          | Ave           | 0.3313  | 0.3164 |         | 19.1           | 20.0            | 95   | 35-165         |
| Methyl methacrylate          | Ave           | 0.0501  | 0.0536 |         | 42.8           | 40.0            | 107  | 60-140         |
| 1,4-Dioxane                  | Ave           | 0.5434  | 1.075  |         | 792            | 400             | 198* | 60-140         |
| Dibromomethane               | Ave           | 0.1826  | 0.2164 |         | 23.7           | 20.0            | 119  | 60-140         |
| n-Propyl acetate             | Ave           | 0.4180  | 0.2653 |         | 12.7           | 20.0            | 63   | 60-140         |
| Dichlorobromomethane         | Ave           | 0.3711  | 0.4034 |         | 21.7           | 20.0            | 109  | 65-135         |
| 2-Chloroethyl vinyl ether    | Ave           | 0.1839  | 0.1153 |         | 12.6           | 20.0            | 63   | 0.1-225        |
| Epichlorohydrin              | Ave           | 0.2009  | 0.2688 |         | 535            | 400             | 134  | 60-140         |
| cis-1,3-Dichloropropene      | Ave           | 0.6566  | 0.4642 |         | 14.1           | 20.0            | 71   | 25-175         |
| 4-Methyl-2-pentanone (MIBK)  | Ave           | 2.371   | 2.274  |         | 95.9           | 100             | 96   | 60-140         |
| Toluene                      | Ave           | 1.456   | 1.212  |         | 16.7           | 20.0            | 83   | 70-130         |
| trans-1,3-Dichloropropene    | Ave           | 0.5843  | 0.3844 |         | 13.2           | 20.0            | 66   | 50-150         |
| 1,1,2-Trichloroethane        | Ave           | 0.3075  | 0.2564 |         | 16.7           | 20.0            | 83   | 70-130         |
| Tetrachloroethene            | Ave           | 0.3040  | 0.3396 |         | 22.3           | 20.0            | 112  | 70-130         |
| 1,3-Dichloropropane          | Ave           | 0.5684  | 0.4253 |         | 15.0           | 20.0            | 75   | 60-140         |
| 2-Hexanone                   | Ave           | 0.7744  | 0.8540 |         | 110            | 100             | 110  | 60-140         |
| n-Butyl acetate              | Ave           | 0.6725  | 0.2646 |         | 7.87           | 20.0            | 39*  | 60-140         |
| Chlorodibromomethane         | Ave           | 0.3245  | 0.3326 |         | 20.5           | 20.0            | 103  | 70-135         |
| Ethylene Dibromide           | Ave           | 0.3311  | 0.2950 |         | 17.8           | 20.0            | 89   | 60-140         |
| Chlorobenzene                | Ave           | 0.8794  | 0.8591 |         | 19.5           | 20.0            | 98   | 65-135         |
| Ethylbenzene                 | Ave           | 0.4602  | 0.3831 |         | 16.6           | 20.0            | 83   | 60-140         |
| 1,1,1,2-Tetrachloroethane    | Ave           | 0.2994  | 0.2915 |         | 19.5           | 20.0            | 97   | 60-140         |
| m-Xylene & p-Xylene          | Ave           | 0.5729  | 0.4784 |         | 16.7           | 20.0            | 84   | 60-140         |
| o-Xylene                     | Ave           | 0.5760  | 0.4619 |         | 16.0           | 20.0            | 80   | 60-140         |
| n-Butyl acrylate             | Ave           | 0.2911  | 0.1853 |         | 12.7           | 20.0            | 64   | 60-140         |
| Styrene                      | Ave           | 0.9873  | 0.9029 |         | 18.3           | 20.0            | 91   | 60-140         |
| Bromoform                    | Ave           | 0.2031  | 0.2301 |         | 22.7           | 20.0            | 113  | 70-130         |
| Amyl acetate (mixed isomers) | Ave           | 1.443   | 0.5439 |         | 7.54           | 20.0            | 38*  | 60-140         |
| Isopropylbenzene             | Ave           | 1.401   | 1.165  |         | 16.6           | 20.0            | 83   | 60-140         |
| Bromobenzene                 | Ave           | 0.7028  | 0.6202 |         | 17.6           | 20.0            | 88   | 60-140         |
| 1,1,2,2-Tetrachloroethane    | Ave           | 0.8301  | 0.6432 |         | 15.5           | 20.0            | 77   | 60-140         |
| N-Propylbenzene              | Ave           | 3.295   | 2.279  |         | 13.8           | 20.0            | 69   | 60-140         |

FORM VII  
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268503-1  
 SDG No.: \_\_\_\_\_  
 Lab Sample ID: CCVIS 460-875754/3 Calibration Date: 11/03/2022 08:29  
 Instrument ID: CVOAMS8 Calib Start Date: 10/12/2022 23:30  
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/13/2022 02:01  
 Lab File ID: J82192.D Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE                      | CURVE<br>TYPE | AVE RRF | RRF    | MIN RRF | CALC<br>AMOUNT | SPIKE<br>AMOUNT | %REC  | %REC<br>LIMITS |
|------------------------------|---------------|---------|--------|---------|----------------|-----------------|-------|----------------|
| 1,2,3-Trichloropropane       | Ave           | 0.1829  | 0.1465 |         | 16.0           | 20.0            | 80    | 60-140         |
| 2-Chlorotoluene              | Ave           | 2.353   | 1.742  |         | 14.8           | 20.0            | 74    | 60-140         |
| 1,3,5-Trimethylbenzene       | Ave           | 2.195   | 1.640  |         | 14.9           | 20.0            | 75    | 60-140         |
| 4-Chlorotoluene              | Ave           | 2.272   | 1.687  |         | 14.9           | 20.0            | 74    | 60-140         |
| Butyl Methacrylate           | Ave           | 0.8536  | 0.5090 |         | 11.9           | 20.0            | 60    | 60-140         |
| tert-Butylbenzene            | Ave           | 1.661   | 1.222  |         | 14.7           | 20.0            | 74    | 60-140         |
| 1,2,4-Trimethylbenzene       | Ave           | 2.322   | 1.749  |         | 15.1           | 20.0            | 75    | 60-140         |
| sec-Butylbenzene             | Ave           | 2.501   | 1.822  |         | 14.6           | 20.0            | 73    | 60-140         |
| 1,3-Dichlorobenzene          | Ave           | 1.262   | 1.134  |         | 18.0           | 20.0            | 90    | 70-130         |
| 4-Isopropyltoluene           | Ave           | 2.076   | 1.554  |         | 15.0           | 20.0            | 75    | 60-140         |
| 1,4-Dichlorobenzene          | Ave           | 1.321   | 1.179  |         | 17.9           | 20.0            | 89    | 65-135         |
| 1,2,3-Trimethylbenzene       | Ave           | 2.461   | 1.887  |         | 15.3           | 20.0            | 77    | 60-140         |
| Benzyl chloride              | Ave           | 1.339   | 1.009  |         | 15.1           | 20.0            | 75    | 60-140         |
| n-Butylbenzene               | Ave           | 1.166   | 0.8797 |         | 15.1           | 20.0            | 75    | 60-140         |
| 1,2-Dichlorobenzene          | Ave           | 1.254   | 1.179  |         | 18.8           | 20.0            | 94    | 65-135         |
| 1,2-Dibromo-3-Chloropropane  | Ave           | 0.1310  | 0.1288 |         | 19.7           | 20.0            | 98    | 60-140         |
| 1,2,4-Trichlorobenzene       | Ave           | 0.8148  | 0.7061 |         | 17.3           | 20.0            | 87    | 60-140         |
| Hexachlorobutadiene          | Ave           | 0.2812  | 0.2819 |         | 20.1           | 20.0            | 100   | 60-140         |
| Naphthalene                  | Ave           | 2.104   | 1.663  |         | 15.8           | 20.0            | 79    | 60-140         |
| 1,2,3-Trichlorobenzene       | Ave           | 0.7498  | 0.6729 |         | 17.9           | 20.0            | 90    | 60-140         |
| Dibromofluoromethane (Surr)  | Ave           | 0.2174  | 0.2453 |         | 56.4           | 50.0            | 12.8  |                |
| 1,2-Dichloroethane-d4 (Surr) | Ave           | 0.2990  | 0.2643 |         | 44.2           | 50.0            | -11.6 |                |
| Toluene-d8 (Surr)            | Ave           | 1.070   | 1.053  |         | 49.2           | 50.0            | -1.5  |                |
| 4-Bromofluorobenzene         | Ave           | 0.3550  | 0.4113 |         | 57.9           | 50.0            | 15.9  |                |

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82192.D  
 Lims ID: CCVIS  
 Client ID:  
 Sample Type: CCVIS  
 Inject. Date: 03-Nov-2022 08:29:30 ALS Bottle#: 2 Worklist Smp#: 3  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: CCVIS  
 Misc. Info.: 460-0152676-003  
 Operator ID: Instrument ID: CVOAMS8  
 Sublist: chrom-8260\_W8\*sub61  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 20:00:48 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1619

First Level Reviewer: HVW2

Date: 03-Nov-2022 20:00:48

| Compound                                 | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q   | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|------------------------------------------|-----|--------------|------------------|------------------|-----|----------|-----------------|-------------------|-------|
| 2 Chlorotrifluoroethene                  | 118 | 1.143        | 1.143            | 0.000            | 90  | 3852     | NC              | NC                |       |
| 4 Dichlorodifluoromethane                | 85  | 1.167        | 1.167            | 0.000            | 99  | 57847    | 20.0            | 16.8              |       |
| 5 Chlorodifluoromethane                  | 67  | 1.185        | 1.185            | 0.000            | 98  | 10269    | NC              | NC                |       |
| 6 Chloromethane                          | 50  | 1.295        | 1.295            | 0.000            | 99  | 55871    | 20.0            | 11.2              |       |
| 7 Vinyl chloride                         | 62  | 1.350        | 1.350            | 0.000            | 99  | 44237    | 20.0            | 13.4              |       |
| 8 Butadiene                              | 54  | 1.368        | 1.368            | 0.000            | 97  | 39144    | 20.0            | 12.3              |       |
| 9 Bromomethane                           | 94  | 1.563        | 1.563            | 0.000            | 98  | 18749    | 20.0            | 15.4              |       |
| 10 Chloroethane                          | 64  | 1.617        | 1.617            | 0.000            | 99  | 23673    | 20.0            | 14.5              |       |
| 12 Dichlorofluoromethane                 | 67  | 1.739        | 1.739            | 0.000            | 99  | 77699    | NC              | NC                |       |
| 11 Trichlorofluoromethane                | 101 | 1.751        | 1.751            | 0.000            | 98  | 66948    | 20.0            | 19.0              |       |
| 13 Pentane                               | 43  | 1.782        | 1.782            | 0.000            | 94  | 117600   | 40.0            | 28.7              |       |
| 14 Ethanol                               | 46  | 1.879        | 1.879            | 0.000            | 97  | 6859     | 800.0           | 1010.9            |       |
| 15 Ethyl ether                           | 59  | 1.915        | 1.915            | 0.000            | 98  | 29142    | 20.0            | 14.3              |       |
| 16 2-Methyl-1,3-butadiene                | 53  | 1.934        | 1.934            | 0.000            | 97  | 39529    | 20.0            | 15.3              |       |
| 17 1,2-Dichloro-1,1,2-trifluoroethane    | 117 | 1.946        | 1.946            | 0.000            | 93  | 34830    | NC              | NC                |       |
| 18 1,1,1-Trifluoro-2,2-dichloroethane    | 83  | 1.988        | 1.988            | 0.000            | 98  | 62584    | NC              | NC                |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroethane | 101 | 2.043        | 2.043            | 0.000            | 97  | 46595    | 20.0            | 22.4              |       |
| 19 Acrolein                              | 56  | 2.049        | 2.049            | 0.000            | 45  | 8164     | 40.0            | 30.1              |       |
| 21 1,1-Dichloroethene                    | 96  | 2.074        | 2.074            | 0.000            | 99  | 40488    | 20.0            | 19.4              |       |
| 22 Acetone                               | 43  | 2.141        | 2.141            | 0.000            | 85  | 42506    | 100.0           | 86.0              |       |
| 23 Iodomethane                           | 142 | 2.195        | 2.195            | 0.000            | 99  | 31259    | 20.0            | 14.4              |       |
| 25 Isopropyl alcohol                     | 45  | 2.201        | 2.201            | 0.000            | 74  | 19758    | 200.0           | 252.5             |       |
| 24 Carbon disulfide                      | 76  | 2.226        | 2.226            | 0.000            | 99  | 156657   | 20.0            | 20.5              |       |
| 26 3-Chloro-1-propene                    | 76  | 2.317        | 2.317            | 0.000            | 93  | 25501    | 20.0            | 17.4              |       |
| 28 Methyl acetate                        | 43  | 2.323        | 2.323            | 0.000            | 100 | 46552    | 40.0            | 23.1              |       |
| 27 Cyclopentene                          | 67  | 2.335        | 2.335            | 0.000            | 96  | 92849    | NC              | NC                |       |
| 29 Acetonitrile                          | 41  | 2.366        | 2.366            | 0.000            | 99  | 41169    | 200.0           | 206.2             |       |
| * 30 TBA-d9 (IS)                         | 65  | 2.402        | 2.402            | 0.000            | 81  | 150637   | 1000.0          | 1000.0            |       |
| 31 Methylene Chloride                    | 84  | 2.420        | 2.420            | 0.000            | 90  | 48793    | 20.0            | 18.9              |       |
| 32 2-Methyl-2-propanol                   | 59  | 2.457        | 2.457            | 0.000            | 98  | 29462    | 200.0           | 244.0             |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 33 Methyl tert-butyl ether         | 73  | 2.542     | 2.542         | 0.000         | 96  | 99111    | 20.0         | 15.5           |       |
| 34 trans-1,2-Dichloroethene        | 96  | 2.566     | 2.566         | 0.000         | 97  | 45498    | 20.0         | 19.3           |       |
| 35 Acrylonitrile                   | 53  | 2.627     | 2.627         | 0.000         | 94  | 125868   | 200.0        | 174.7          |       |
| 36 Hexane                          | 57  | 2.688     | 2.688         | 0.000         | 91  | 43915    | 20.0         | 14.9           |       |
| 37 Isopropyl ether                 | 45  | 2.858     | 2.858         | 0.000         | 96  | 105657   | 20.0         | 10.8           |       |
| 38 1,1-Dichloroethane              | 63  | 2.895     | 2.895         | 0.000         | 99  | 84964    | 20.0         | 16.0           |       |
| 39 Vinyl acetate                   | 43  | 2.901     | 2.901         | 0.000         | 100 | 142767   | 40.0         | 23.0           |       |
| 40 2-Chloro-1,3-butadiene          | 88  | 2.931     | 2.931         | 0.000         | 93  | 36720    | NC           | NC             |       |
| 41 Tert-butyl ethyl ether          | 59  | 3.132     | 3.132         | 0.000         | 88  | 103358   | NC           | NC             |       |
| * 43 2-Butanone-d5                 | 46  | 3.315     | 3.315         | 0.000         | 99  | 186523   | 250.0        | 250.0          |       |
| 42 2,2-Dichloropropane             | 79  | 3.315     | 3.315         | 0.000         | 93  | 22323    | 20.0         | 16.4           |       |
| 44 cis-1,2-Dichloroethene          | 96  | 3.345     | 3.345         | 0.000         | 98  | 52740    | 20.0         | 20.3           |       |
| 45 Ethyl acetate                   | 70  | 3.363     | 3.363         | 0.000         | 96  | 8670     | 40.0         | 56.6           |       |
| 46 2-Butanone (MEK)                | 72  | 3.363     | 3.363         | 0.000         | 96  | 17606    | 100.0        | 120.1          |       |
| 47 Methyl acrylate                 | 55  | 3.412     | 3.412         | 0.000         | 100 | 27704    | NC           | NC             |       |
| 48 Propionitrile                   | 54  | 3.479     | 3.479         | 0.000         | 97  | 48906    | NC           | NC             |       |
| 50 Chlorobromomethane              | 128 | 3.546     | 3.546         | 0.000         | 85  | 26322    | 20.0         | 22.9           |       |
| 49 Tetrahydrofuran                 | 72  | 3.552     | 3.552         | 0.000         | 53  | 7529     | 40.0         | 51.5           |       |
| 51 Methacrylonitrile               | 67  | 3.570     | 3.570         | 0.000         | 90  | 149989   | NC           | NC             |       |
| 52 Chloroform                      | 83  | 3.594     | 3.594         | 0.000         | 99  | 87156    | 20.0         | 18.8           |       |
| 53 Cyclohexane                     | 84  | 3.710     | 3.710         | 0.000         | 92  | 56527    | 20.0         | 19.6           |       |
| 54 1,1,1-Trichloroethane           | 97  | 3.722     | 3.722         | 0.000         | 98  | 73530    | 20.0         | 20.1           |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.740     | 3.740         | 0.000         | 96  | 115129   | 50.0         | 56.4           |       |
| 56 Carbon tetrachloride            | 117 | 3.832     | 3.832         | 0.000         | 99  | 62784    | 20.0         | 21.5           |       |
| 57 1,1-Dichloropropene             | 75  | 3.862     | 3.862         | 0.000         | 97  | 60009    | 20.0         | 17.1           |       |
| 58 Isobutyl alcohol                | 43  | 3.996     | 3.996         | 0.000         | 95  | 43572    | NC           | NC             |       |
| 59 Isooctane                       | 57  | 4.014     | 4.014         | 0.000         | 97  | 74491    | NC           | NC             | a     |
| 60 Benzene                         | 78  | 4.051     | 4.051         | 0.000         | 97  | 178184   | 20.0         | 13.9           |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.069     | 4.069         | 0.000         | 0   | 124056   | 50.0         | 44.2           |       |
| 62 Isopropyl acetate               | 43  | 4.112     | 4.112         | 0.000         | 92  | 78209    | 20.0         | 10.6           |       |
| 63 Tert-amyl methyl ether          | 55  | 4.112     | 4.112         | 0.000         | 88  | 26499    | NC           | NC             |       |
| 64 1,2-Dichloroethane              | 62  | 4.142     | 4.142         | 0.000         | 99  | 63895    | 20.0         | 16.3           |       |
| 65 n-Heptane                       | 57  | 4.197     | 4.197         | 0.000         | 90  | 15480    | 20.0         | 13.2           |       |
| * 66 Fluorobenzene                 | 96  | 4.331     | 4.331         | 0.000         | 98  | 469380   | 50.0         | 50.0           |       |
| 67 n-Butanol                       | 56  | 4.647     | 4.647         | 0.000         | 90  | 25779    | 500.0        | 904.7          |       |
| 68 Trichloroethene                 | 95  | 4.677     | 4.677         | 0.000         | 99  | 60402    | 20.0         | 23.1           |       |
| 69 Methylcyclohexane               | 83  | 4.793     | 4.793         | 0.000         | 93  | 65580    | 20.0         | 22.1           |       |
| 70 Ethyl acrylate                  | 55  | 4.805     | 4.805         | 0.000         | 97  | 102621   | 20.0         | 16.3           |       |
| 71 1,2-Dichloropropane             | 63  | 4.963     | 4.963         | 0.000         | 93  | 59410    | 20.0         | 19.1           |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.036     | 5.036         | 0.000         | 0   | 31040    | 1000.0       | 1000.0         |       |
| 73 Methyl methacrylate             | 100 | 5.055     | 5.055         | 0.000         | 88  | 20116    | 40.0         | 42.8           |       |
| 75 1,4-Dioxane                     | 88  | 5.097     | 5.097         | 0.000         | 45  | 13352    | 400.0        | 791.5          |       |
| 74 Dibromomethane                  | 93  | 5.097     | 5.097         | 0.000         | 98  | 40626    | 20.0         | 23.7           |       |
| 76 n-Propyl acetate                | 43  | 5.121     | 5.121         | 0.000         | 97  | 49813    | 20.0         | 12.7           |       |
| 77 Dichlorobromomethane            | 83  | 5.255     | 5.255         | 0.000         | 99  | 75736    | 20.0         | 21.7           |       |
| 78 2-Nitropropane                  | 41  | 5.614     | 5.614         | 0.000         | 85  | 17474    | NC           | NC             |       |
| 79 2-Chloroethyl vinyl ether       | 63  | 5.626     | 5.626         | 0.000         | 86  | 21700    | 20.0         | 12.6           |       |
| 80 Epichlorohydrin                 | 57  | 5.730     | 5.730         | 0.000         | 99  | 80206    | 400.0        | 535.2          |       |
| 81 cis-1,3-Dichloropropene         | 75  | 5.785     | 5.785         | 0.000         | 91  | 85251    | 20.0         | 14.1           |       |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 5.973     | 5.973         | 0.000         | 96  | 169696   | 100.0        | 95.9           |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.040     | 6.040         | 0.000         | 99  | 483518   | 50.0         | 49.2           |       |
| 84 Toluene                         | 91  | 6.125     | 6.125         | 0.000         | 93  | 222655   | 20.0         | 16.7           |       |



| Compound                         | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|----------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 85 trans-1,3-Dichloropropene     | 75  | 6.521     | 6.521         | 0.000         | 96  | 70599    | 20.0         | 13.2           |       |
| 86 Ethyl methacrylate            | 69  | 6.575     | 6.575         | 0.000         | 87  | 45061    | NC           | NC             |       |
| 87 1,1,2-Trichloroethane         | 83  | 6.758     | 6.758         | 0.000         | 97  | 47095    | 20.0         | 16.7           |       |
| 88 Tetrachloroethene             | 166 | 6.788     | 6.788         | 0.000         | 97  | 62370    | 20.0         | 22.3           |       |
| 89 1,3-Dichloropropane           | 76  | 6.983     | 6.983         | 0.000         | 93  | 78103    | 20.0         | 15.0           |       |
| 90 2-Hexanone                    | 58  | 7.080     | 7.080         | 0.000         | 96  | 63713    | 100.0        | 110.3          |       |
| 91 n-Butyl acetate               | 43  | 7.226     | 7.226         | 0.000         | 98  | 48592    | 20.0         | 7.87           |       |
| 92 Chlorodibromomethane          | 129 | 7.238     | 7.238         | 0.000         | 98  | 61079    | 20.0         | 20.5           |       |
| 93 Ethylene Dibromide            | 107 | 7.403     | 7.403         | 0.000         | 98  | 54177    | 20.0         | 17.8           |       |
| * 94 Chlorobenzene-d5            | 117 | 7.993     | 7.993         | 0.000         | 85  | 459118   | 50.0         | 50.0           |       |
| 95 Chlorobenzene                 | 112 | 8.029     | 8.029         | 0.000         | 96  | 157770   | 20.0         | 19.5           |       |
| 96 Ethylbenzene                  | 106 | 8.139     | 8.139         | 0.000         | 98  | 70349    | 20.0         | 16.6           |       |
| 97 1,1,1,2-Tetrachloroethane     | 131 | 8.151     | 8.151         | 0.000         | 97  | 53537    | 20.0         | 19.5           |       |
| 98 m-Xylene & p-Xylene           | 106 | 8.291     | 8.291         | 0.000         | 0   | 87854    | 20.0         | 16.7           |       |
| 99 o-Xylene                      | 106 | 8.741     | 8.741         | 0.000         | 94  | 84819    | 20.0         | 16.0           |       |
| 100 n-Butyl acrylate             | 73  | 8.759     | 8.759         | 0.000         | 97  | 34033    | 20.0         | 12.7           |       |
| 101 Styrene                      | 104 | 8.778     | 8.778         | 0.000         | 96  | 165809   | 20.0         | 18.3           |       |
| 103 Bromoform                    | 173 | 8.984     | 8.984         | 0.000         | 97  | 42255    | 20.0         | 22.7           |       |
| 102 Amyl acetate (mixed isomers) | 43  | 9.009     | 9.009         | 0.000         | 91  | 64949    | 20.0         | 7.54           |       |
| 104 Isopropylbenzene             | 105 | 9.124     | 9.124         | 0.000         | 96  | 213920   | 20.0         | 16.6           |       |
| \$ 105 4-Bromofluorobenzene      | 174 | 9.319     | 9.319         | 0.000         | 95  | 188816   | 50.0         | 57.9           |       |
| 106 Bromobenzene                 | 156 | 9.447     | 9.447         | 0.000         | 94  | 74054    | 20.0         | 17.6           |       |
| 107 1,1,2,2-Tetrachloroethane    | 83  | 9.514     | 9.514         | 0.000         | 98  | 76800    | 20.0         | 15.5           |       |
| 108 N-Propylbenzene              | 91  | 9.532     | 9.532         | 0.000         | 99  | 272110   | 20.0         | 13.8           |       |
| 109 1,2,3-Trichloropropane       | 110 | 9.550     | 9.550         | 0.000         | 98  | 17488    | 20.0         | 16.0           |       |
| 110 trans-1,4-Dichloro-2-butene  | 53  | 9.581     | 9.581         | 0.000         | 94  | 16578    | NC           | NC             |       |
| 111 2-Chlorotoluene              | 91  | 9.629     | 9.629         | 0.000         | 96  | 208004   | 20.0         | 14.8           |       |
| 112 4-Ethyltoluene               | 105 | 9.641     | 9.641         | 0.000         | 98  | 237605   | NC           | NC             |       |
| 113 1,3,5-Trimethylbenzene       | 105 | 9.708     | 9.708         | 0.000         | 92  | 195877   | 20.0         | 14.9           |       |
| 114 4-Chlorotoluene              | 91  | 9.739     | 9.739         | 0.000         | 97  | 201430   | 20.0         | 14.9           |       |
| 115 Butyl Methacrylate           | 87  | 9.824     | 9.824         | 0.000         | 90  | 60781    | 20.0         | 11.9           |       |
| 116 tert-Butylbenzene            | 119 | 9.988     | 9.988         | 0.000         | 93  | 145932   | 20.0         | 14.7           |       |
| 117 1,2,4-Trimethylbenzene       | 105 | 10.049    | 10.049        | 0.000         | 97  | 208887   | 20.0         | 15.1           |       |
| 118 sec-Butylbenzene             | 105 | 10.183    | 10.183        | 0.000         | 99  | 217559   | 20.0         | 14.6           |       |
| 120 1,3-Dichlorobenzene          | 146 | 10.305    | 10.305        | 0.000         | 97  | 135429   | 20.0         | 18.0           |       |
| 119 4-Isopropyltoluene           | 119 | 10.317    | 10.317        | 0.000         | 97  | 185612   | 20.0         | 15.0           |       |
| * 121 1,4-Dichlorobenzene-d4     | 152 | 10.371    | 10.371        | 0.000         | 94  | 298524   | 50.0         | 50.0           |       |
| 122 1,4-Dichlorobenzene          | 146 | 10.390    | 10.390        | 0.000         | 96  | 140817   | 20.0         | 17.9           |       |
| 123 1,2,3-Trimethylbenzene       | 105 | 10.414    | 10.414        | 0.000         | 98  | 225344   | 20.0         | 15.3           |       |
| 124 Benzyl chloride              | 91  | 10.517    | 10.517        | 0.000         | 99  | 120441   | 20.0         | 15.1           |       |
| 125 2,3-Dihydroindene            | 117 | 10.572    | 10.572        | 0.000         | 94  | 226252   | NC           | NC             |       |
| 126 p-Diethylbenzene             | 119 | 10.633    | 10.633        | 0.000         | 92  | 120524   | NC           | NC             |       |
| 127 n-Butylbenzene               | 92  | 10.657    | 10.657        | 0.000         | 98  | 105050   | 20.0         | 15.1           |       |
| 128 1,2-Dichlorobenzene          | 146 | 10.700    | 10.700        | 0.000         | 97  | 140745   | 20.0         | 18.8           |       |
| 129 1,2,4,5-Tetramethylbenzene   | 119 | 11.260    | 11.260        | 0.000         | 97  | 173177   | NC           | NC             |       |
| 130 1,2-Dibromo-3-Chloropropane  | 157 | 11.345    | 11.345        | 0.000         | 94  | 15377    | 20.0         | 19.7           |       |
| 131 1,3,5-Trichlorobenzene       | 180 | 11.448    | 11.448        | 0.000         | 97  | 94582    | NC           | NC             |       |
| 132 1,2,4-Trichlorobenzene       | 180 | 11.929    | 11.929        | 0.000         | 94  | 84316    | 20.0         | 17.3           |       |
| 133 Hexachlorobutadiene          | 225 | 12.008    | 12.008        | 0.000         | 96  | 33666    | 20.0         | 20.1           |       |
| 134 Naphthalene                  | 128 | 12.111    | 12.111        | 0.000         | 100 | 198608   | 20.0         | 15.8           |       |
| 135 1,2,3-Trichlorobenzene       | 180 | 12.288    | 12.288        | 0.000         | 95  | 80345    | 20.0         | 17.9           |       |
| S 136 1,2-Dichloroethene, Total  | 100 |           |               |               | 0   |          | 40.0         | 39.6           |       |

| Compound             | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|----------------------|-----|--------------|------------------|------------------|---|----------|-----------------|-------------------|-------|
| S 137 Xylenes, Total | 100 |              |                  |                  | 0 |          | 40.0            | 32.7              |       |
| S 138 Total BTEX     | 1   |              |                  |                  | 0 |          | 100.0           | 80.0              |       |

### QC Flag Legend

#### Processing Flags

NC - Not Calibrated

#### Review Flags

a - User Assigned ID

### Reagents:

|                    |                     |           |             |
|--------------------|---------------------|-----------|-------------|
| 524freon_00059     | Amount Added: 20.00 | Units: uL |             |
| GASES Li_00500     | Amount Added: 20.00 | Units: uL |             |
| 8260MIX1COMB_00161 | Amount Added: 20.00 | Units: uL |             |
| ACROLEIN W_00145   | Amount Added: 4.00  | Units: uL |             |
| 8260ISNEW_00171    | Amount Added: 1.00  | Units: uL | Run Reagent |
| 8260SURR250_00233  | Amount Added: 1.00  | Units: uL | Run Reagent |

Chrom Revision: 2.3 25-Oct-2022 11:16:06

Operator ID:  
Worklist Smp#: 3

ALS Bottle#: 2

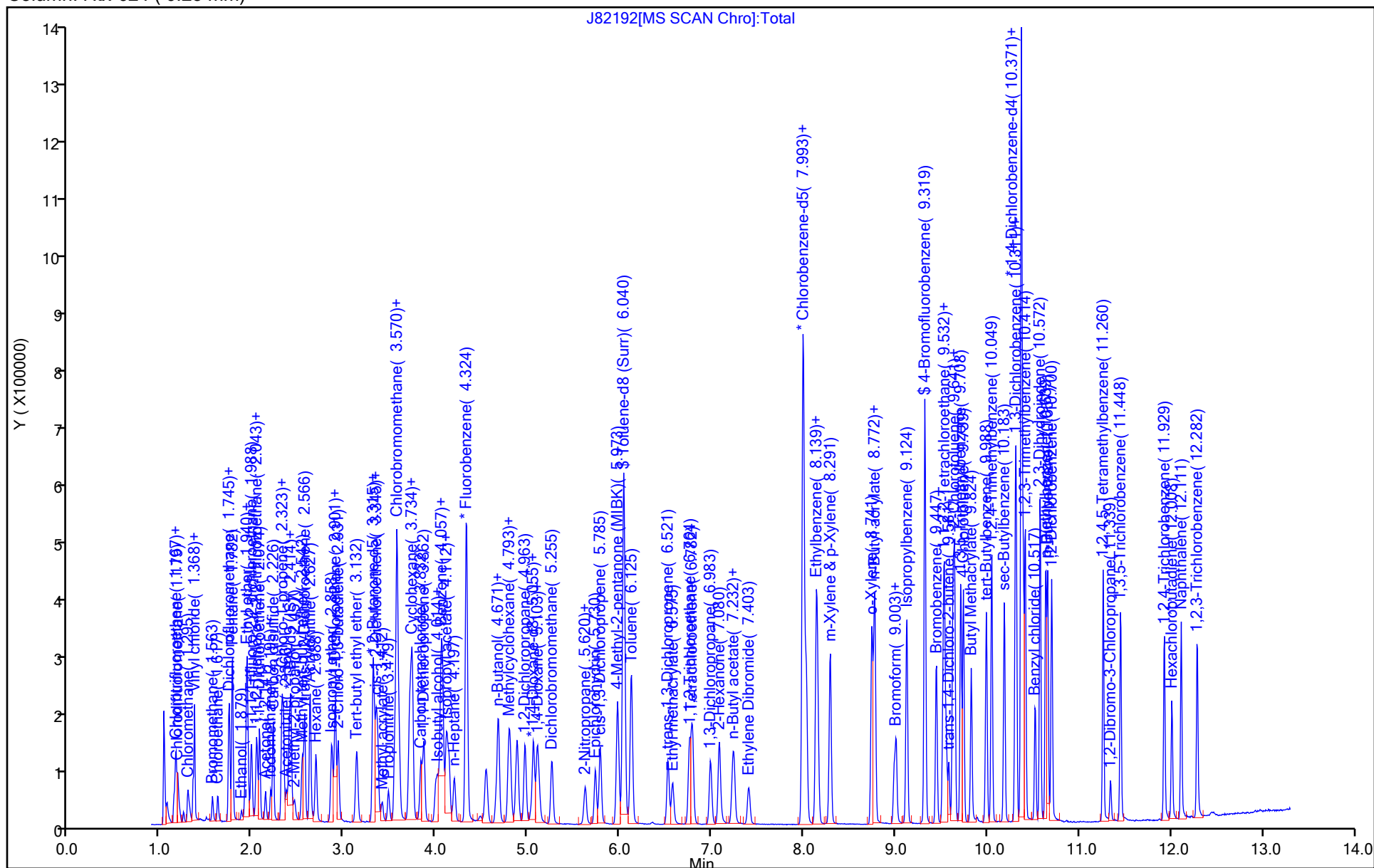
Dil. Factor: 1.0000  
Limit Group: VOA 624.1 ICAL

ALS Bottle#: 2

Limit Group: VOA 624.1 ICAL

ALS Bottle#: 2

ALS Bottle#: 2



Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81260.D  
 Lims ID: BFB  
 Client ID:  
 Sample Type: BFB  
 Inject. Date: 12-Oct-2022 22:40:30 ALS Bottle#: 9 Worklist Smp#: 1  
 Injection Vol: 5.0 mL Dil. Factor: 1.0000  
 Sample Info: BFB  
 Misc. Info.: 460-0151655-001  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 14-Oct-2022 16:05:18 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1652

First Level Reviewer: HVW2

Date: 12-Oct-2022 22:51:09

| Compound | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|----------|-----|--------------|------------------|------------------|---|----------|-----------------|-------------------|-------|
|----------|-----|--------------|------------------|------------------|---|----------|-----------------|-------------------|-------|

|            |    |       |       |       |    |       |    |    |  |
|------------|----|-------|-------|-------|----|-------|----|----|--|
| \$ 139 BFB | 95 | 3.910 | 3.910 | 0.000 | 74 | 54901 | NR | NR |  |
|------------|----|-------|-------|-------|----|-------|----|----|--|

**QC Flag Legend**

Processing Flags

NR - Missing Quant Standard

**Reagents:**

BFB\_00032

Amount Added: 1.00

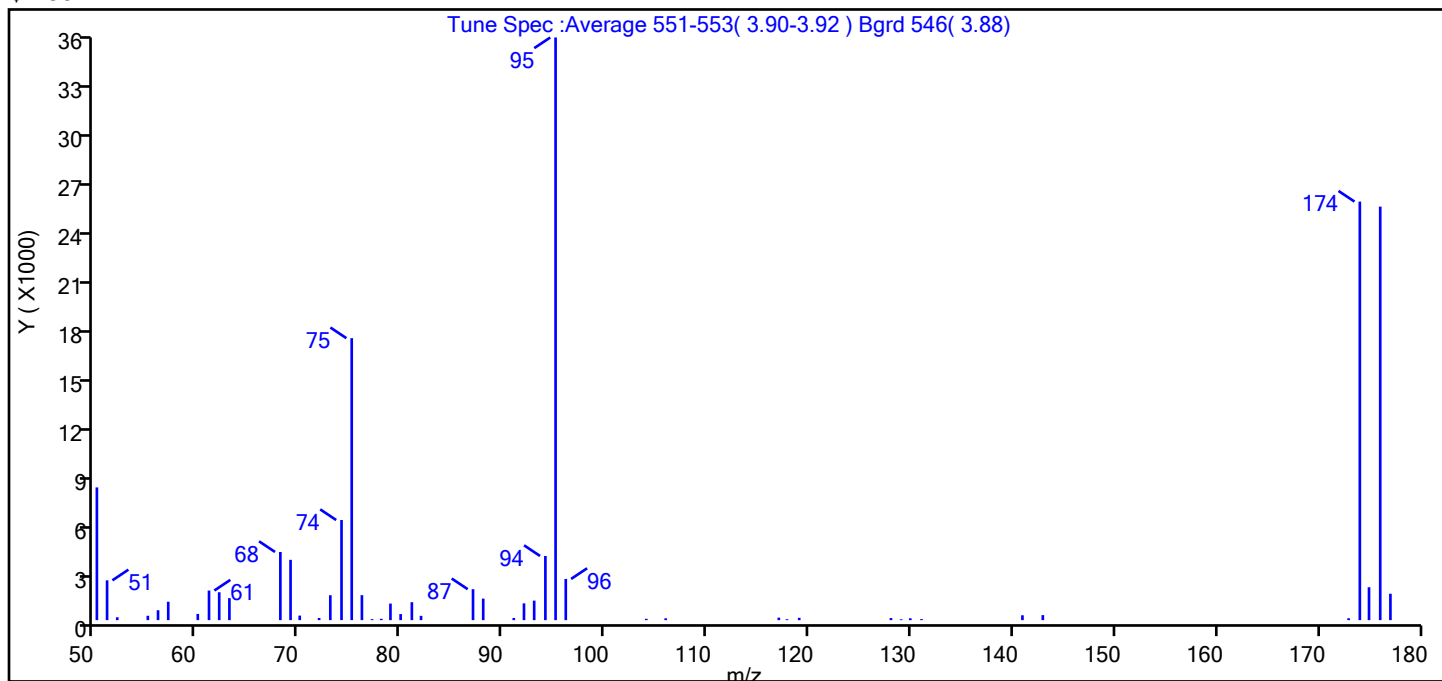
Units: uL

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81260.D  
Injection Date: 12-Oct-2022 22:40:30 Instrument ID: CVOAMS8  
Lims ID: BFB  
Client ID:  
Operator ID:  
Injection Vol: 5.0 mL  
Method: 8260\_W8  
Tune Method: BFB Method 8260

ALS Bottle#: 9 Worklist Smp#: 1  
Dil. Factor: 1.0000  
Limit Group: VOA 624.1 ICAL

\$ 139 BFB



| m/z | Ion Abundance Criteria                         | % Relative Abundance |
|-----|------------------------------------------------|----------------------|
| 95  | Base peak, 100% relative abundance             | 100.0                |
| 50  | 15 to 40% of m/z 95                            | 22.8                 |
| 75  | 30 to 60% of m/z 95                            | 48.4                 |
| 96  | 5 to 9% of m/z 95                              | 7.1                  |
| 173 | Less than 2% of m/z 174                        | 0.3 (0.5)            |
| 174 | 50 to 120% of m/z 95                           | 71.8                 |
| 175 | 5 to 9% of m/z 174                             | 5.6 (7.9)            |
| 176 | Greater than 95% but less than 101% of m/z 174 | 71.0 (98.8)          |
| 177 | 5 to 9% of m/z 176                             | 4.5 (6.4)            |

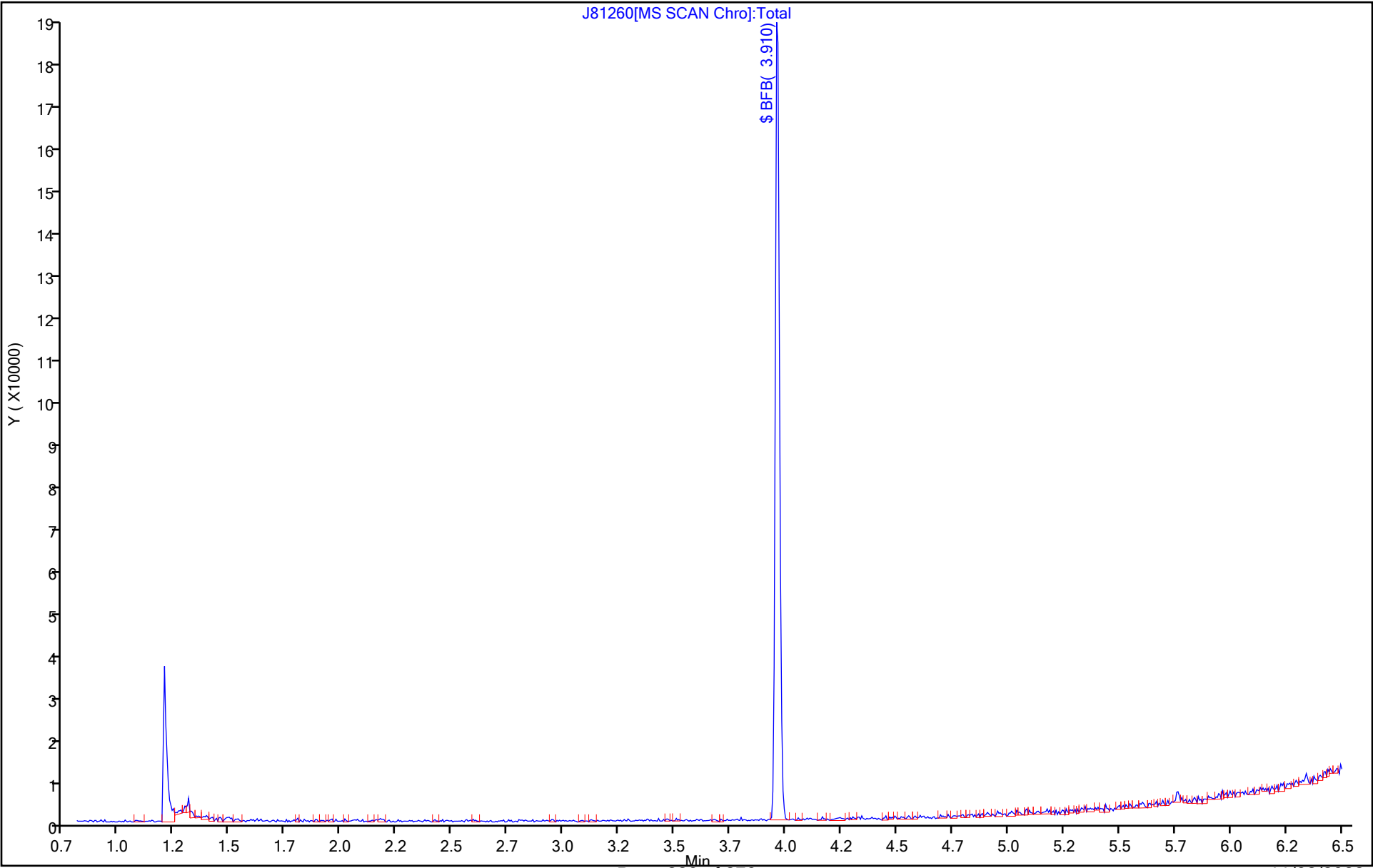
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81260.D\8260\_W8.rslt\spectra.d  
Injection Date: 12-Oct-2022 22:40:30  
Spectrum: Tune Spec :Average 551-553( 3.90-3.92 ) Bgrd 546( 3.88)  
Base Peak: 95.10  
Minimum % Base Peak: 0  
Number of Points: 48

| m/z   | Y    | m/z   | Y     | m/z    | Y     | m/z    | Y     |
|-------|------|-------|-------|--------|-------|--------|-------|
| 50.00 | 8048 | 70.00 | 276   | 87.00  | 1877  | 119.00 | 142   |
| 51.00 | 2414 | 72.00 | 129   | 88.00  | 1306  | 128.00 | 128   |
| 52.00 | 175  | 73.00 | 1510  | 91.00  | 133   | 129.00 | 51    |
| 55.00 | 265  | 74.00 | 6070  | 92.00  | 1018  | 130.00 | 113   |
| 56.00 | 601  | 75.00 | 17096 | 93.00  | 1184  | 131.00 | 65    |
| 57.00 | 1116 | 76.00 | 1515  | 94.00  | 3890  | 141.00 | 295   |
| 60.00 | 378  | 77.00 | 61    | 95.00  | 35328 | 143.00 | 305   |
| 61.00 | 1795 | 78.00 | 81    | 96.00  | 2498  | 173.00 | 115   |
| 62.00 | 1691 | 79.00 | 1004  | 104.00 | 80    | 174.00 | 25376 |
| 63.00 | 1335 | 80.00 | 368   | 106.00 | 111   | 175.00 | 1996  |
| 68.00 | 4134 | 81.00 | 1087  | 117.00 | 152   | 176.00 | 25072 |
| 69.00 | 3657 | 82.00 | 260   | 118.00 | 55    | 177.00 | 1601  |

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81260.D  
Injection Date: 12-Oct-2022 22:40:30 Instrument ID: CVOAMS8  
Lims ID: BFB  
Client ID:  
Injection Vol: 5.0 mL Dil. Factor: 1.0000  
Method: 8260\_W8 Limit Group: VOA 624.1 ICAL  
Column: Rtx-624 ( 0.25 mm)

Operator ID:  
Worklist Smp#: 1  
ALS Bottle#: 9



Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82190.D  
 Lims ID: BFB  
 Client ID:  
 Sample Type: BFB  
 Inject. Date: 03-Nov-2022 07:37:30 ALS Bottle#: 99 Worklist Smp#: 1  
 Injection Vol: 5.0 mL Dil. Factor: 1.0000  
 Sample Info: BFB  
 Misc. Info.: 460-0152676-001  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 08:51:10 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1674

First Level Reviewer: KG2Q

Date: 03-Nov-2022 07:57:19

| Compound | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|----------|-----|--------------|------------------|------------------|---|----------|-----------------|-------------------|-------|
|----------|-----|--------------|------------------|------------------|---|----------|-----------------|-------------------|-------|

|            |    |       |       |       |    |       |    |    |   |
|------------|----|-------|-------|-------|----|-------|----|----|---|
| \$ 139 BFB | 95 | 3.904 | 3.904 | 0.000 | 84 | 63388 | NR | NR | a |
|------------|----|-------|-------|-------|----|-------|----|----|---|

**QC Flag Legend**

Processing Flags

NR - Missing Quant Standard

Review Flags

a - User Assigned ID

**Reagents:**

BFB\_00032

Amount Added: 1.00

Units: uL



## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82190.D

Injection Date: 03-Nov-2022 07:37:30

Instrument ID: CVOAMS8

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

99

Worklist Smp#:

1

Injection Vol: 5.0 mL

Dil. Factor:

1.0000

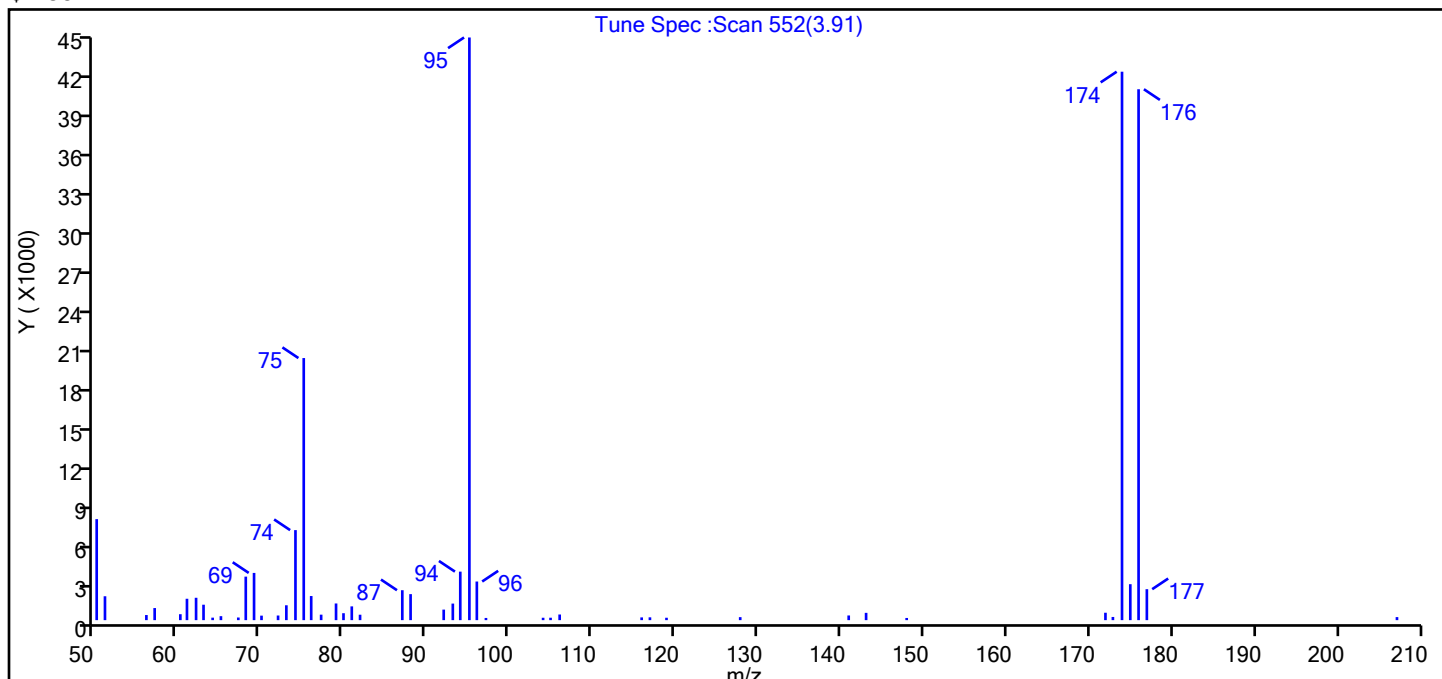
Method: 8260\_W8

Limit Group:

VOA 624.1 ICAL

Tune Method: BFB Method 8260

\$ 139 BFB



| m/z | Ion Abundance Criteria                         | % Relative Abundance |
|-----|------------------------------------------------|----------------------|
| 95  | Base peak, 100% relative abundance             | 100.0                |
| 50  | 15 to 40% of m/z 95                            | 17.3                 |
| 75  | 30 to 60% of m/z 95                            | 45.0                 |
| 96  | 5 to 9% of m/z 95                              | 6.6                  |
| 173 | Less than 2% of m/z 174                        | 0.5 (0.6)            |
| 174 | 50 to 120% of m/z 95                           | 94.1                 |
| 175 | 5 to 9% of m/z 174                             | 6.2 (6.6)            |
| 176 | Greater than 95% but less than 101% of m/z 174 | 91.1 (96.8)          |
| 177 | 5 to 9% of m/z 176                             | 5.3 (5.8)            |

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82190.D\8260\_W8.rslt\spectra.d  
Injection Date: 03-Nov-2022 07:37:30  
Spectrum: Tune Spec :Scan 552(3.91)  
Base Peak: 95.10  
Minimum % Base Peak: 0  
Number of Points: 49

| m/z   | Y    | m/z   | Y     | m/z    | Y     | m/z    | Y     |
|-------|------|-------|-------|--------|-------|--------|-------|
| 50.00 | 7695 | 70.00 | 343   | 92.00  | 803   | 141.00 | 356   |
| 51.00 | 1820 | 72.00 | 353   | 93.00  | 1262  | 143.00 | 556   |
| 56.00 | 389  | 73.00 | 1133  | 94.00  | 3696  | 148.00 | 166   |
| 57.00 | 921  | 74.00 | 6859  | 95.00  | 44392 | 172.00 | 564   |
| 60.00 | 453  | 75.00 | 19968 | 96.00  | 2943  | 173.00 | 242   |
| 61.00 | 1629 | 76.00 | 1837  | 97.00  | 167   | 174.00 | 41784 |
| 62.00 | 1704 | 77.00 | 418   | 104.00 | 183   | 175.00 | 2739  |
| 63.00 | 1176 | 79.00 | 1270  | 105.00 | 185   | 176.00 | 40448 |
| 64.00 | 190  | 80.00 | 528   | 106.00 | 430   | 177.00 | 2358  |
| 65.00 | 303  | 81.00 | 1049  | 116.00 | 209   | 207.00 | 232   |
| 67.00 | 201  | 82.00 | 414   | 117.00 | 215   |        |       |
| 68.00 | 3315 | 87.00 | 2280  | 119.00 | 183   |        |       |
| 69.00 | 3598 | 88.00 | 1982  | 128.00 | 229   |        |       |

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82190.D

Injection Date: 03-Nov-2022 07:37:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

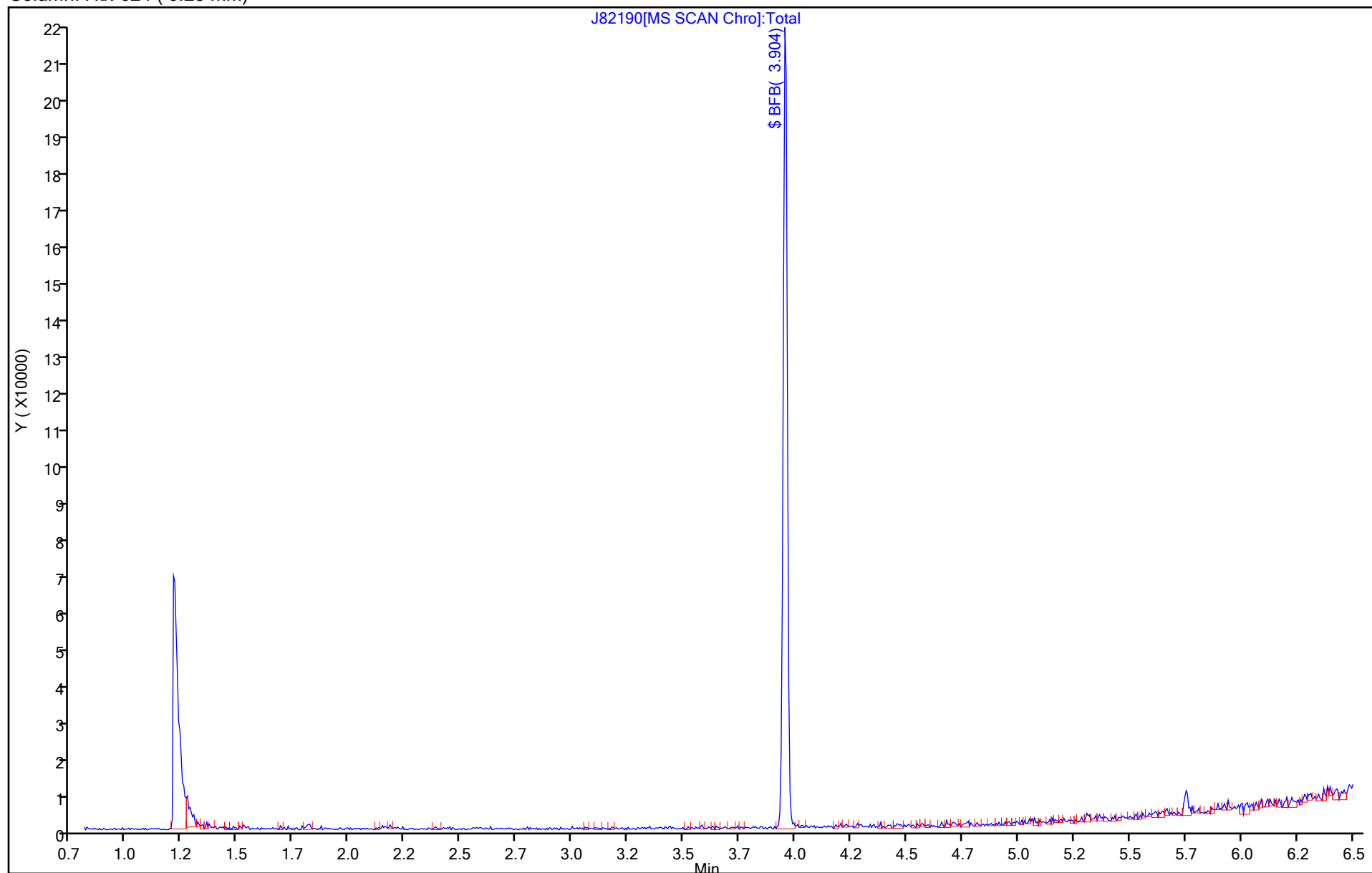
Dil. Factor: 1.0000

ALS Bottle#: 99

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)



FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-268503-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: MB 460-875754/8  
 Matrix: Water Lab File ID: J82197.D  
 Analysis Method: 624.1 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 11/03/2022 10:53  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: Rtx-624 ID: 0.25 (mm)  
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: \_\_\_\_\_  
 % Moisture: \_\_\_\_\_ % Solids: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 875754 Units: ug/L

| CAS NO.   | COMPOUND NAME  | RESULT | Q | RL  | MDL  |
|-----------|----------------|--------|---|-----|------|
| 1330-20-7 | Xylenes, Total | 2.0    | U | 2.0 | 0.65 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 460-00-4   | 4-Bromofluorobenzene         | 110  |   | 60-140 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 117  |   | 60-140 |
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 86   |   | 60-140 |
| 2037-26-5  | Toluene-d8 (Surr)            | 90   |   | 60-140 |

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82197.D  
 Lims ID: MB  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 03-Nov-2022 10:53:30 ALS Bottle#: 7 Worklist Smp#: 8  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: MB  
 Misc. Info.: 460-0152676-008  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 11:13:21 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1674

First Level Reviewer: KG2Q

Date: 03-Nov-2022 11:13:21

| Compound                           | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q  | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|------------------------------------|-----|--------------|------------------|------------------|----|----------|-----------------|-------------------|-------|
| * 30 TBA-d9 (IS)                   | 65  | 2.397        | 2.402            | -0.005           | 75 | 121739   | 1000.0          | 1000.0            |       |
| * 43 2-Butanone-d5                 | 46  | 3.309        | 3.315            | -0.006           | 88 | 152854   | 250.0           | 250.0             |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.741        | 3.740            | 0.001            | 96 | 113316   | 50.0            | 58.4              |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.070        | 4.069            | 0.001            | 0  | 115379   | 50.0            | 43.2              |       |
| * 66 Fluorobenzene                 | 96  | 4.325        | 4.331            | -0.006           | 99 | 446264   | 50.0            | 50.0              |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.043        | 5.036            | 0.007            | 0  | 25536    | 1000.0          | 1000.0            |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.041        | 6.040            | 0.001            | 99 | 397867   | 50.0            | 45.0              |       |
| * 94 Chlorobenzene-d5              | 117 | 7.993        | 7.993            | 0.000            | 85 | 413500   | 50.0            | 50.0              |       |
| \$ 105 4-Bromofluorobenzene        | 174 | 9.320        | 9.319            | 0.001            | 94 | 160745   | 50.0            | 54.8              |       |
| * 121 1,4-Dichlorobenzene-d4       | 152 | 10.372       | 10.371           | 0.001            | 95 | 246116   | 50.0            | 50.0              |       |

**QC Flag Legend**

Processing Flags

**Reagents:**

|                   |                    |           |             |
|-------------------|--------------------|-----------|-------------|
| 8260ISNEW_00171   | Amount Added: 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00233 | Amount Added: 1.00 | Units: uL | Run Reagent |

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82197.D

Injection Date: 03-Nov-2022 10:53:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: MB

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

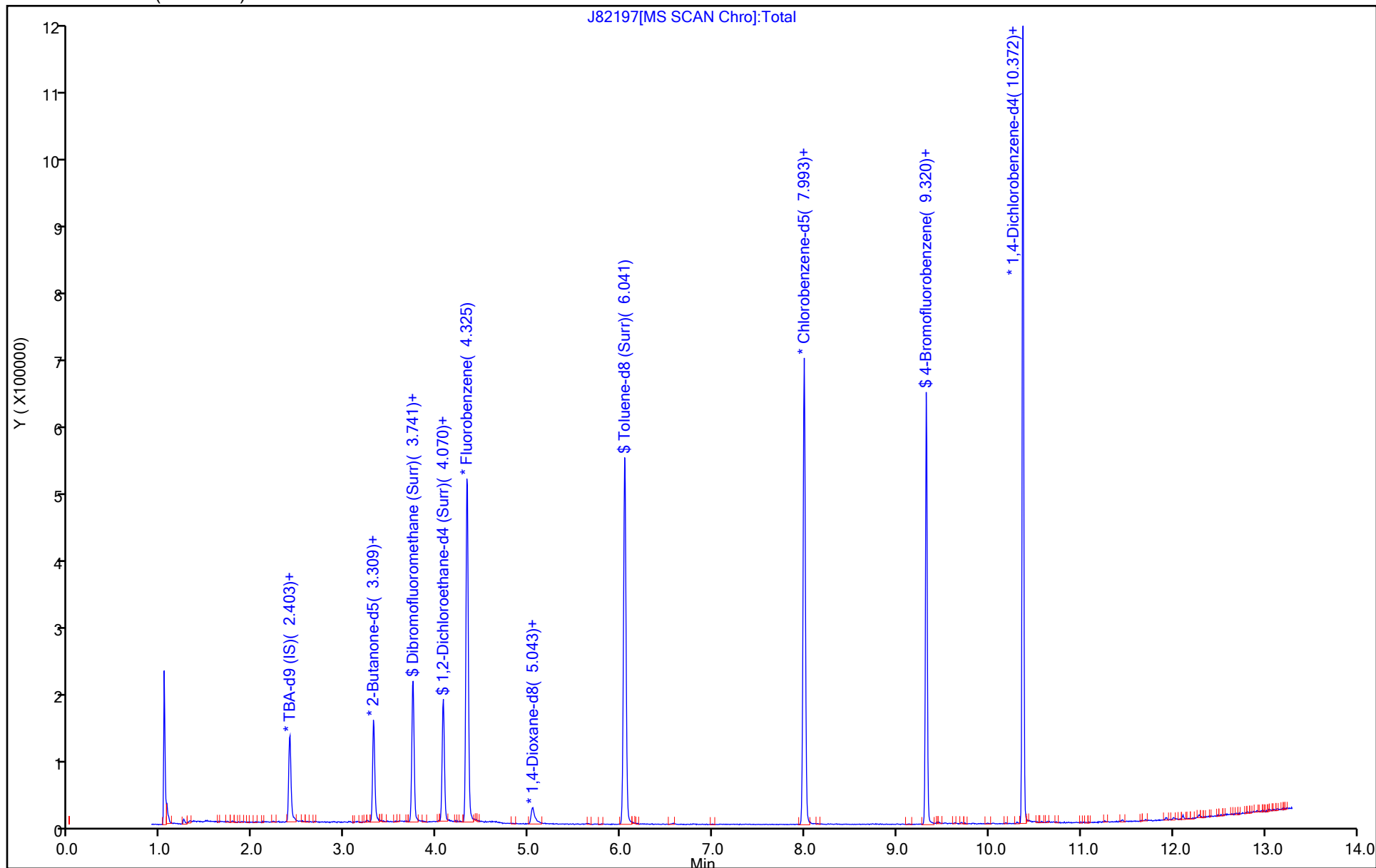
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison  
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82197.D  
 Lims ID: MB  
 Client ID:  
 Sample Type: MB  
 Inject. Date: 03-Nov-2022 10:53:30 ALS Bottle#: 7 Worklist Smp#: 8  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: MB  
 Misc. Info.: 460-0152676-008  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 11:13:21 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1674

First Level Reviewer: KG2Q

Date: 03-Nov-2022 11:13:21

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 55 Dibromofluoromethane (Surr)  | 50.0         | 58.4             | 116.80 |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 50.0         | 43.2             | 86.48  |
| \$ 83 Toluene-d8 (Surr)            | 50.0         | 45.0             | 89.95  |
| \$ 105 4-Bromofluorobenzene        | 50.0         | 54.8             | 109.52 |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-268503-1  
 SDG No.: \_\_\_\_\_  
 Client Sample ID: \_\_\_\_\_ Lab Sample ID: LCS 460-875754/5  
 Matrix: Water Lab File ID: J82194.D  
 Analysis Method: 624.1 Date Collected: \_\_\_\_\_  
 Sample wt/vol: 5 (mL) Date Analyzed: 11/03/2022 09:28  
 Soil Aliquot Vol: \_\_\_\_\_ Dilution Factor: 1  
 Soil Extract Vol.: \_\_\_\_\_ GC Column: Rtx-624 ID: 0.25 (mm)  
 Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: \_\_\_\_\_  
 % Moisture: \_\_\_\_\_ % Solids: \_\_\_\_\_ Level: (low/med) Low  
 Analysis Batch No.: 875754 Units: ug/L

| CAS NO.   | COMPOUND NAME  | RESULT | Q | RL  | MDL  |
|-----------|----------------|--------|---|-----|------|
| 1330-20-7 | Xylenes, Total | 33.9   |   | 2.0 | 0.65 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 460-00-4   | 4-Bromofluorobenzene         | 116  |   | 60-140 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 114  |   | 60-140 |
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 86   |   | 60-140 |
| 2037-26-5  | Toluene-d8 (Surr)            | 97   |   | 60-140 |



Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82194.D  
 Lims ID: LCS  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 03-Nov-2022 09:28:30 ALS Bottle#: 4 Worklist Smp#: 5  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: LCS  
 Misc. Info.: 460-0152676-005  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 09:50:31 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1674

First Level Reviewer: KG2Q

Date: 03-Nov-2022 09:50:31

| Compound                                 | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 2 Chlorotrifluoroethene                  | 118 | 1.144     | 1.143         | 0.001         | 93 | 4743     | NC           | NC             |       |
| 4 Dichlorodifluoromethane                | 85  | 1.168     | 1.167         | 0.001         | 99 | 61465    | 20.0         | 17.4           |       |
| 5 Chlorodifluoromethane                  | 67  | 1.186     | 1.185         | 0.001         | 98 | 12374    | NC           | NC             |       |
| 6 Chloromethane                          | 50  | 1.296     | 1.295         | 0.001         | 99 | 61936    | 20.0         | 12.2           |       |
| 7 Vinyl chloride                         | 62  | 1.350     | 1.350         | 0.000         | 98 | 48560    | 20.0         | 14.3           |       |
| 8 Butadiene                              | 54  | 1.369     | 1.368         | 0.001         | 97 | 44124    | 20.0         | 13.6           |       |
| 9 Bromomethane                           | 94  | 1.563     | 1.563         | 0.000         | 98 | 23313    | 20.0         | 18.7           |       |
| 10 Chloroethane                          | 64  | 1.618     | 1.617         | 0.001         | 98 | 24291    | 20.0         | 14.6           |       |
| 12 Dichlorofluoromethane                 | 67  | 1.740     | 1.739         | 0.001         | 98 | 84588    | NC           | NC             |       |
| 11 Trichlorofluoromethane                | 101 | 1.746     | 1.751         | -0.005        | 98 | 73942    | 20.0         | 20.6           |       |
| 13 Pentane                               | 43  | 1.776     | 1.782         | -0.006        | 95 | 120884   | 40.0         | 28.8           |       |
| 14 Ethanol                               | 46  | 1.874     | 1.879         | -0.005        | 97 | 7204     | 800.0        | 1175.5         |       |
| 15 Ethyl ether                           | 59  | 1.916     | 1.915         | 0.001         | 93 | 28957    | 20.0         | 13.9           |       |
| 16 2-Methyl-1,3-butadiene                | 53  | 1.934     | 1.934         | 0.000         | 96 | 38506    | 20.0         | 14.6           |       |
| 17 1,2-Dichloro-1,1,2-trifluoroethane    | 117 | 1.947     | 1.946         | 0.001         | 94 | 37523    | NC           | NC             |       |
| 18 1,1,1-Trifluoro-2,2-dichloroethane    | 83  | 1.983     | 1.988         | -0.005        | 98 | 70895    | NC           | NC             |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroethane | 101 | 2.044     | 2.043         | 0.001         | 97 | 48519    | 20.0         | 22.8           |       |
| 19 Acrolein                              | 56  | 2.050     | 2.049         | 0.001         | 94 | 5904     | 40.0         | 24.1           |       |
| 21 1,1-Dichloroethene                    | 96  | 2.074     | 2.074         | 0.000         | 98 | 42925    | 20.0         | 20.2           |       |
| 22 Acetone                               | 43  | 2.141     | 2.141         | 0.000         | 87 | 43698    | 100.0        | 93.4           |       |
| 23 Iodomethane                           | 142 | 2.196     | 2.195         | 0.001         | 99 | 35975    | 20.0         | 16.2           |       |
| 25 Isopropyl alcohol                     | 45  | 2.196     | 2.201         | -0.005        | 61 | 19507    | 200.0        | 275.9          |       |
| 24 Carbon disulfide                      | 76  | 2.220     | 2.226         | -0.006        | 99 | 162920   | 20.0         | 20.8           |       |
| 26 3-Chloro-1-propene                    | 76  | 2.318     | 2.317         | 0.001         | 95 | 27329    | 20.0         | 18.3           |       |
| 28 Methyl acetate                        | 43  | 2.324     | 2.323         | 0.001         | 99 | 43236    | 40.0         | 21.0           |       |
| 27 Cyclopentene                          | 67  | 2.336     | 2.335         | 0.001         | 96 | 96180    | NC           | NC             |       |
| 29 Acetonitrile                          | 41  | 2.366     | 2.366         | 0.000         | 98 | 32892    | 200.0        | 182.4          |       |
| * 30 TBA-d9 (IS)                         | 65  | 2.397     | 2.402         | -0.005        | 77 | 136061   | 1000.0       | 1000.0         |       |
| 31 Methylene Chloride                    | 84  | 2.415     | 2.420         | -0.005        | 93 | 49793    | 20.0         | 18.9           |       |
| 32 2-Methyl-2-propanol                   | 59  | 2.458     | 2.457         | 0.001         | 99 | 27805    | 200.0        | 254.9          |       |
| 33 Methyl tert-butyl ether               | 73  | 2.543     | 2.542         | 0.001         | 97 | 90502    | 20.0         | 13.8           |       |

| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 34 trans-1,2-Dichloroethene        | 96  | 2.567     | 2.566         | 0.001         | 97  | 47067    | 20.0         | 19.5           |       |
| 35 Acrylonitrile                   | 53  | 2.622     | 2.627         | -0.005        | 93  | 118125   | 200.0        | 181.5          |       |
| 36 Hexane                          | 57  | 2.689     | 2.688         | 0.001         | 90  | 41811    | 20.0         | 13.9           |       |
| 37 Isopropyl ether                 | 45  | 2.859     | 2.858         | 0.001         | 96  | 100846   | 20.0         | 10.1           |       |
| 38 1,1-Dichloroethane              | 63  | 2.896     | 2.895         | 0.001         | 99  | 88281    | 20.0         | 16.3           |       |
| 39 Vinyl acetate                   | 43  | 2.902     | 2.901         | 0.001         | 100 | 129298   | 40.0         | 20.4           |       |
| 40 2-Chloro-1,3-butadiene          | 88  | 2.932     | 2.931         | 0.001         | 92  | 37862    | NC           | NC             |       |
| 41 Tert-butyl ethyl ether          | 59  | 3.133     | 3.132         | 0.001         | 87  | 98991    | NC           | NC             |       |
| * 43 2-Butanone-d5                 | 46  | 3.309     | 3.315         | -0.006        | 99  | 176579   | 250.0        | 250.0          |       |
| 42 2,2-Dichloropropane             | 79  | 3.321     | 3.315         | 0.006         | 94  | 23576    | 20.0         | 16.9           |       |
| 44 cis-1,2-Dichloroethene          | 96  | 3.346     | 3.345         | 0.001         | 97  | 52669    | 20.0         | 19.9           |       |
| 45 Ethyl acetate                   | 70  | 3.364     | 3.363         | 0.001         | 96  | 8065     | 40.0         | 55.6           |       |
| 46 2-Butanone (MEK)                | 72  | 3.358     | 3.363         | -0.005        | 96  | 17718    | 100.0        | 127.6          |       |
| 47 Methyl acrylate                 | 55  | 3.407     | 3.412         | -0.005        | 100 | 24770    | NC           | NC             |       |
| 48 Propionitrile                   | 54  | 3.480     | 3.479         | 0.001         | 97  | 49488    | NC           | NC             |       |
| 50 Chlorobromomethane              | 128 | 3.547     | 3.546         | 0.001         | 88  | 27108    | 20.0         | 23.1           |       |
| 49 Tetrahydrofuran                 | 72  | 3.553     | 3.552         | 0.001         | 51  | 7745     | 40.0         | 55.9           |       |
| 51 Methacrylonitrile               | 67  | 3.571     | 3.570         | 0.001         | 90  | 149413   | NC           | NC             |       |
| 52 Chloroform                      | 83  | 3.595     | 3.594         | 0.001         | 98  | 91455    | 20.0         | 19.3           |       |
| 53 Cyclohexane                     | 84  | 3.711     | 3.710         | 0.001         | 92  | 59425    | 20.0         | 20.2           |       |
| 54 1,1,1-Trichloroethane           | 97  | 3.723     | 3.722         | 0.001         | 98  | 75725    | 20.0         | 20.2           |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.735     | 3.740         | -0.005        | 96  | 118806   | 50.0         | 57.0           |       |
| 56 Carbon tetrachloride            | 117 | 3.832     | 3.832         | 0.000         | 99  | 66742    | 20.0         | 22.4           |       |
| 57 1,1-Dichloropropene             | 75  | 3.863     | 3.862         | 0.001         | 98  | 63088    | 20.0         | 17.6           |       |
| 58 Isobutyl alcohol                | 43  | 3.997     | 3.996         | 0.001         | 97  | 43856    | NC           | NC             |       |
| 59 Isooctane                       | 57  | 4.015     | 4.014         | 0.001         | 98  | 76638    | NC           | NC             | a     |
| 60 Benzene                         | 78  | 4.051     | 4.051         | 0.000         | 96  | 189758   | 20.0         | 15.0           |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.070     | 4.069         | 0.001         | 0   | 122783   | 50.0         | 42.8           |       |
| 62 Isopropyl acetate               | 43  | 4.112     | 4.112         | 0.000         | 87  | 73839    | 20.0         | 9.82           |       |
| 63 Tert-amyl methyl ether          | 55  | 4.112     | 4.112         | 0.000         | 87  | 25831    | NC           | NC             |       |
| 64 1,2-Dichloroethane              | 62  | 4.137     | 4.142         | -0.005        | 98  | 64106    | 20.0         | 16.0           |       |
| 65 n-Heptane                       | 57  | 4.198     | 4.197         | 0.001         | 91  | 16132    | 20.0         | 13.5           |       |
| * 66 Fluorobenzene                 | 96  | 4.325     | 4.331         | -0.006        | 98  | 479687   | 50.0         | 50.0           |       |
| 67 n-Butanol                       | 56  | 4.648     | 4.647         | 0.001         | 92  | 22037    | 500.0        | 856.3          |       |
| 68 Trichloroethene                 | 95  | 4.672     | 4.677         | -0.005        | 98  | 49372    | 20.0         | 18.5           |       |
| 69 Methylcyclohexane               | 83  | 4.788     | 4.793         | -0.005        | 94  | 54689    | 20.0         | 18.1           |       |
| 70 Ethyl acrylate                  | 55  | 4.806     | 4.805         | 0.001         | 97  | 80351    | 20.0         | 12.5           |       |
| 71 1,2-Dichloropropane             | 63  | 4.964     | 4.963         | 0.001         | 93  | 60014    | 20.0         | 18.9           |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.037     | 5.036         | 0.001         | 0   | 30790    | 1000.0       | 1000.0         |       |
| 73 Methyl methacrylate             | 100 | 5.055     | 5.055         | 0.001         | 87  | 18357    | 40.0         | 38.2           |       |
| 75 1,4-Dioxane                     | 88  | 5.092     | 5.097         | -0.005        | 44  | 12567    | 400.0        | 751.1          |       |
| 74 Dibromomethane                  | 93  | 5.098     | 5.097         | 0.001         | 96  | 40051    | 20.0         | 22.9           |       |
| 76 n-Propyl acetate                | 43  | 5.116     | 5.121         | -0.005        | 97  | 46886    | 20.0         | 11.7           |       |
| 77 Dichlorobromomethane            | 83  | 5.256     | 5.255         | 0.001         | 99  | 76351    | 20.0         | 21.4           |       |
| 78 2-Nitropropane                  | 41  | 5.615     | 5.614         | 0.001         | 92  | 16724    | NC           | NC             |       |
| 79 2-Chloroethyl vinyl ether       | 63  | 5.621     | 5.626         | -0.005        | 94  | 21702    | 20.0         | 12.3           |       |
| 80 Epichlorohydrin                 | 57  | 5.731     | 5.730         | 0.001         | 100 | 78817    | 400.0        | 555.5          |       |
| 81 cis-1,3-Dichloropropene         | 75  | 5.785     | 5.785         | 0.000         | 90  | 86016    | 20.0         | 14.4           |       |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 5.974     | 5.973         | 0.001         | 96  | 158159   | 100.0        | 94.5           |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.041     | 6.040         | 0.001         | 99  | 473617   | 50.0         | 48.7           |       |
| 84 Toluene                         | 91  | 6.120     | 6.125         | -0.005        | 94  | 223170   | 20.0         | 16.9           |       |
| 85 trans-1,3-Dichloropropene       | 75  | 6.521     | 6.521         | 0.000         | 95  | 71196    | 20.0         | 13.4           |       |

| Compound                         | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|----------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 86 Ethyl methacrylate            | 69  | 6.570     | 6.575         | -0.005        | 88  | 44846    | NC           | NC             |       |
| 87 1,1,2-Trichloroethane         | 83  | 6.753     | 6.758         | -0.005        | 98  | 46566    | 20.0         | 16.7           |       |
| 88 Tetrachloroethene             | 166 | 6.783     | 6.788         | -0.005        | 97  | 59610    | 20.0         | 21.6           |       |
| 89 1,3-Dichloropropane           | 76  | 6.984     | 6.983         | 0.001         | 93  | 76823    | 20.0         | 14.9           |       |
| 90 2-Hexanone                    | 58  | 7.081     | 7.080         | 0.001         | 95  | 61175    | 100.0        | 111.8          |       |
| 91 n-Butyl acetate               | 43  | 7.227     | 7.226         | 0.001         | 98  | 48413    | 20.0         | 7.92           |       |
| 92 Chlorodibromomethane          | 129 | 7.239     | 7.238         | 0.001         | 97  | 60029    | 20.0         | 20.3           |       |
| 93 Ethylene Dibromide            | 107 | 7.403     | 7.403         | 0.000         | 99  | 53414    | 20.0         | 17.7           |       |
| * 94 Chlorobenzene-d5            | 117 | 7.994     | 7.993         | 0.001         | 85  | 454658   | 50.0         | 50.0           |       |
| 95 Chlorobenzene                 | 112 | 8.024     | 8.029         | -0.005        | 95  | 160574   | 20.0         | 20.1           |       |
| 96 Ethylbenzene                  | 106 | 8.140     | 8.139         | 0.001         | 98  | 70930    | 20.0         | 16.9           |       |
| 97 1,1,1,2-Tetrachloroethane     | 131 | 8.152     | 8.151         | 0.001         | 96  | 53863    | 20.0         | 19.8           |       |
| 98 m-Xylene & p-Xylene           | 106 | 8.292     | 8.291         | 0.001         | 0   | 89764    | 20.0         | 17.2           |       |
| 99 o-Xylene                      | 106 | 8.742     | 8.741         | 0.001         | 94  | 87558    | 20.0         | 16.7           |       |
| 100 n-Butyl acrylate             | 73  | 8.760     | 8.759         | 0.001         | 98  | 33908    | 20.0         | 12.8           |       |
| 101 Styrene                      | 104 | 8.772     | 8.778         | -0.006        | 96  | 168820   | 20.0         | 18.8           |       |
| 103 Bromoform                    | 173 | 8.985     | 8.984         | 0.001         | 97  | 42349    | 20.0         | 22.9           |       |
| 102 Amyl acetate (mixed isomers) | 43  | 9.003     | 9.009         | -0.006        | 91  | 63701    | 20.0         | 7.54           |       |
| 104 Isopropylbenzene             | 105 | 9.125     | 9.124         | 0.001         | 96  | 216914   | 20.0         | 17.0           |       |
| \$ 105 4-Bromofluorobenzene      | 174 | 9.320     | 9.319         | 0.001         | 94  | 187070   | 50.0         | 58.0           |       |
| 106 Bromobenzene                 | 156 | 9.448     | 9.447         | 0.001         | 96  | 75828    | 20.0         | 18.4           |       |
| 107 1,1,2,2-Tetrachloroethane    | 83  | 9.514     | 9.514         | 0.000         | 99  | 78211    | 20.0         | 16.1           |       |
| 108 N-Propylbenzene              | 91  | 9.533     | 9.532         | 0.001         | 99  | 278812   | 20.0         | 14.4           |       |
| 109 1,2,3-Trichloropropane       | 110 | 9.551     | 9.550         | 0.001         | 98  | 18111    | 20.0         | 16.9           |       |
| 110 trans-1,4-Dichloro-2-butene  | 53  | 9.575     | 9.581         | -0.006        | 91  | 16879    | NC           | NC             |       |
| 111 2-Chlorotoluene              | 91  | 9.624     | 9.629         | -0.005        | 97  | 212124   | 20.0         | 15.4           |       |
| 112 4-Ethyltoluene               | 105 | 9.642     | 9.641         | 0.001         | 98  | 244120   | NC           | NC             |       |
| 113 1,3,5-Trimethylbenzene       | 105 | 9.709     | 9.708         | 0.001         | 93  | 197712   | 20.0         | 15.4           |       |
| 114 4-Chlorotoluene              | 91  | 9.740     | 9.739         | 0.001         | 97  | 223226   | 20.0         | 16.8           |       |
| 115 Butyl Methacrylate           | 87  | 9.825     | 9.824         | 0.001         | 91  | 59445    | 20.0         | 11.9           |       |
| 116 tert-Butylbenzene            | 119 | 9.989     | 9.988         | 0.001         | 93  | 148544   | 20.0         | 15.3           |       |
| 117 1,2,4-Trimethylbenzene       | 105 | 10.050    | 10.049        | 0.001         | 98  | 216269   | 20.0         | 15.9           |       |
| 118 sec-Butylbenzene             | 105 | 10.184    | 10.183        | 0.001         | 99  | 226097   | 20.0         | 15.4           |       |
| 120 1,3-Dichlorobenzene          | 146 | 10.305    | 10.305        | 0.000         | 97  | 137897   | 20.0         | 18.7           |       |
| 119 4-Isopropyltoluene           | 119 | 10.311    | 10.317        | -0.006        | 97  | 190238   | 20.0         | 15.6           |       |
| * 121 1,4-Dichlorobenzene-d4     | 152 | 10.372    | 10.371        | 0.001         | 94  | 292839   | 50.0         | 50.0           |       |
| 122 1,4-Dichlorobenzene          | 146 | 10.390    | 10.390        | 0.000         | 96  | 146204   | 20.0         | 18.9           |       |
| 123 1,2,3-Trimethylbenzene       | 105 | 10.415    | 10.414        | 0.001         | 98  | 232102   | 20.0         | 16.1           |       |
| 124 Benzyl chloride              | 91  | 10.518    | 10.517        | 0.001         | 99  | 114954   | 20.0         | 14.7           |       |
| 125 2,3-Dihydroindene            | 117 | 10.573    | 10.572        | 0.001         | 94  | 230522   | NC           | NC             |       |
| 126 p-Diethylbenzene             | 119 | 10.634    | 10.633        | 0.001         | 93  | 123039   | NC           | NC             |       |
| 127 n-Butylbenzene               | 92  | 10.658    | 10.657        | 0.001         | 98  | 109260   | 20.0         | 16.0           |       |
| 128 1,2-Dichlorobenzene          | 146 | 10.701    | 10.700        | 0.001         | 97  | 141619   | 20.0         | 19.3           |       |
| 129 1,2,4,5-Tetramethylbenzene   | 119 | 11.260    | 11.260        | 0.000         | 97  | 172177   | NC           | NC             |       |
| 130 1,2-Dibromo-3-Chloropropane  | 157 | 11.339    | 11.345        | -0.006        | 96  | 15183    | 20.0         | 19.8           |       |
| 131 1,3,5-Trichlorobenzene       | 180 | 11.449    | 11.448        | 0.001         | 98  | 94124    | NC           | NC             |       |
| 132 1,2,4-Trichlorobenzene       | 180 | 11.930    | 11.929        | 0.001         | 94  | 86182    | 20.0         | 18.1           |       |
| 133 Hexachlorobutadiene          | 225 | 12.009    | 12.008        | 0.001         | 97  | 34443    | 20.0         | 20.9           |       |
| 134 Naphthalene                  | 128 | 12.112    | 12.111        | 0.001         | 100 | 205784   | 20.0         | 16.7           |       |
| 135 1,2,3-Trichlorobenzene       | 180 | 12.282    | 12.288        | -0.006        | 96  | 83334    | 20.0         | 19.0           |       |
| S 136 1,2-Dichloroethene, Total  | 100 |           |               |               | 0   |          | 40.0         | 39.4           |       |
| S 137 Xylenes, Total             | 100 |           |               |               | 0   |          | 40.0         | 33.9           |       |

| Compound | Sig | RT<br>(min.) | Exp RT<br>(min.) | Dlt RT<br>(min.) | Q | Response | Cal Amt<br>ug/l | OnCol Amt<br>ug/l | Flags |
|----------|-----|--------------|------------------|------------------|---|----------|-----------------|-------------------|-------|
|----------|-----|--------------|------------------|------------------|---|----------|-----------------|-------------------|-------|

S 138 Total BTEX

1

0

100.0

82.7

**QC Flag Legend**

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

**Reagents:**

524freon\_00059

Amount Added: 20.00

Units: uL

GASES Li\_00500

Amount Added: 20.00

Units: uL

8260MIX1COMB\_00161

Amount Added: 20.00

Units: uL

ACROLEIN W\_00145

Amount Added: 4.00

Units: uL

8260ISNEW\_00171

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250\_00233

Amount Added: 1.00

Units: uL

Run Reagent

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82194.D

Injection Date: 03-Nov-2022 09:28:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: LCS

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

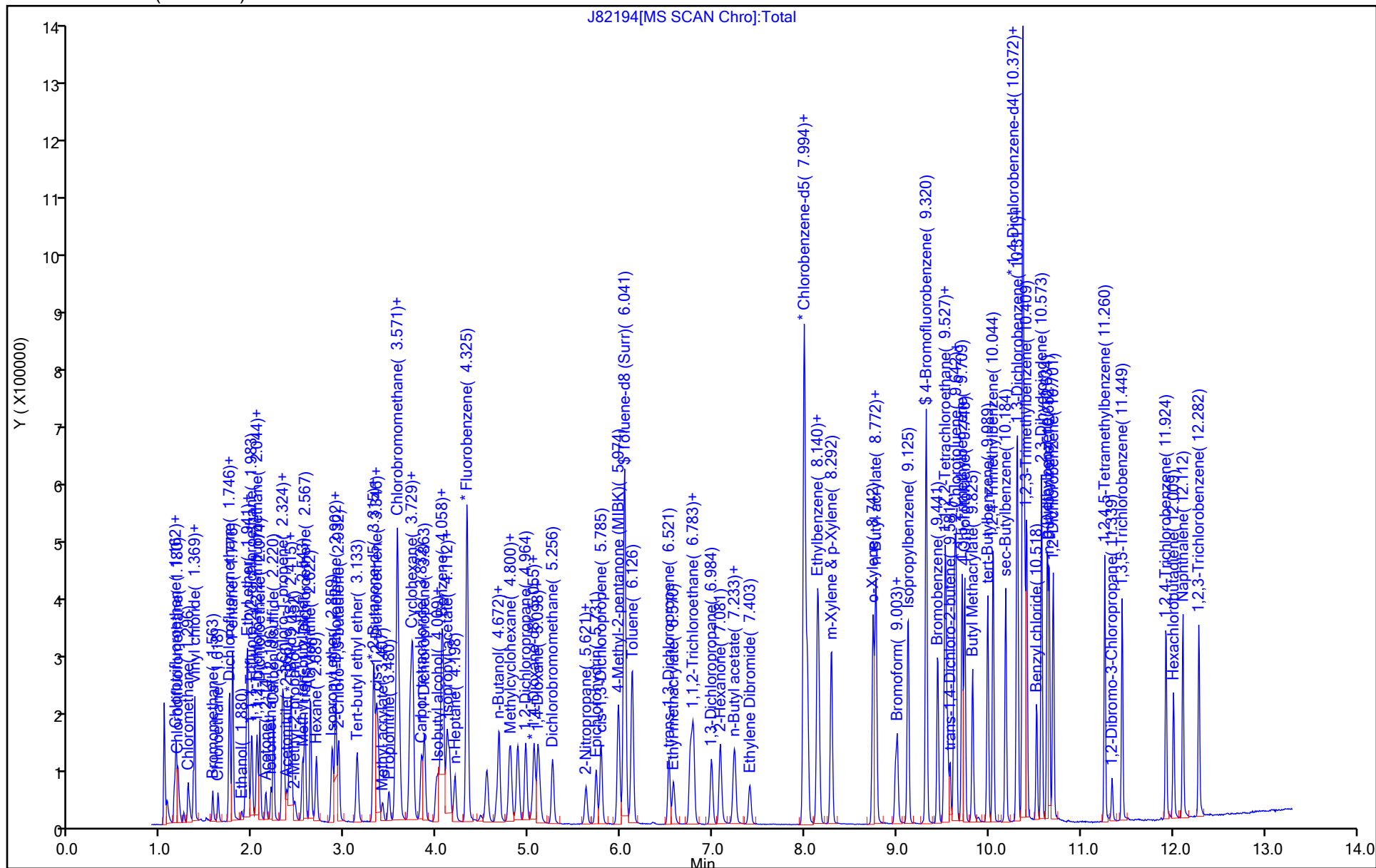
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison  
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82194.D  
 Lims ID: LCS  
 Client ID:  
 Sample Type: LCS  
 Inject. Date: 03-Nov-2022 09:28:30 ALS Bottle#: 4 Worklist Smp#: 5  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: LCS  
 Misc. Info.: 460-0152676-005  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 09:50:31 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1674

First Level Reviewer: KG2Q

Date: 03-Nov-2022 09:50:31

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 55 Dibromofluoromethane (Surr)  | 50.0         | 57.0             | 113.92 |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 50.0         | 42.8             | 85.62  |
| \$ 83 Toluene-d8 (Surr)            | 50.0         | 48.7             | 97.39  |
| \$ 105 4-Bromofluorobenzene        | 50.0         | 58.0             | 115.91 |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

|                                   |                                                |
|-----------------------------------|------------------------------------------------|
| Lab Name: <u>Eurofins Edison</u>  | Job No.: <u>460-268503-1</u>                   |
| SDG No.: _____                    |                                                |
| Client Sample ID: <u>RW-6 MS</u>  | Lab Sample ID: <u>460-268503-1 MS</u>          |
| Matrix: <u>Water</u>              | Lab File ID: <u>J82200.D</u>                   |
| Analysis Method: <u>624.1</u>     | Date Collected: <u>10/28/2022 13:40</u>        |
| Sample wt/vol: <u>5 (mL)</u>      | Date Analyzed: <u>11/03/2022 12:15</u>         |
| Soil Aliquot Vol: _____           | Dilution Factor: <u>1</u>                      |
| Soil Extract Vol.: _____          | GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u> |
| Purge Volume: <u>5.0 (mL)</u>     | Heated Purge: (Y/N) <u>N</u> pH: _____         |
| % Moisture: _____ % Solids: _____ | Level: (low/med) <u>Low</u>                    |
| Analysis Batch No.: <u>875754</u> | Units: <u>ug/L</u>                             |

| CAS NO.   | COMPOUND NAME  | RESULT | Q | RL  | MDL  |
|-----------|----------------|--------|---|-----|------|
| 1330-20-7 | Xylenes, Total | 41.0   |   | 2.0 | 0.65 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 460-00-4   | 4-Bromofluorobenzene         | 119  |   | 60-140 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 116  |   | 60-140 |
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 88   |   | 60-140 |
| 2037-26-5  | Toluene-d8 (Surr)            | 99   |   | 60-140 |

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82200.D  
 Lims ID: 460-268503-B-1 MS  
 Client ID: RW-6  
 Sample Type: MS  
 Inject. Date: 03-Nov-2022 12:15:30 ALS Bottle#: 10 Worklist Smp#: 11  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-268503-B-1 MS  
 Misc. Info.: 460-0152676-011  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 12:58:00 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1674

First Level Reviewer: KG2Q

Date: 03-Nov-2022 12:58:00

| Compound                                 | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 2 Chlorotrifluoroethene                  | 118 | 1.142     | 1.143         | -0.001        | 88  | 4836     | NC           | NC             |       |
| 4 Dichlorodifluoromethane                | 85  | 1.167     | 1.167         | 0.000         | 99  | 62971    | 20.0         | 19.2           |       |
| 5 Chlorodifluoromethane                  | 67  | 1.185     | 1.185         | 0.000         | 99  | 10606    | NC           | NC             |       |
| 6 Chloromethane                          | 50  | 1.294     | 1.295         | -0.001        | 100 | 60378    | 20.0         | 12.7           |       |
| 7 Vinyl chloride                         | 62  | 1.349     | 1.350         | -0.001        | 99  | 47748    | 20.0         | 15.2           |       |
| 8 Butadiene                              | 54  | 1.367     | 1.368         | -0.001        | 96  | 41644    | 20.0         | 13.8           |       |
| 9 Bromomethane                           | 94  | 1.562     | 1.563         | -0.001        | 98  | 22449    | 20.0         | 19.4           |       |
| 10 Chloroethane                          | 64  | 1.623     | 1.617         | 0.006         | 99  | 25121    | 20.0         | 16.2           |       |
| 12 Dichlorofluoromethane                 | 67  | 1.738     | 1.739         | -0.001        | 99  | 87080    | NC           | NC             |       |
| 11 Trichlorofluoromethane                | 101 | 1.751     | 1.751         | 0.000         | 99  | 75469    | 20.0         | 22.6           |       |
| 13 Pentane                               | 43  | 1.781     | 1.782         | -0.001        | 91  | 110548   | 40.0         | 28.3           |       |
| 14 Ethanol                               | 46  | 1.878     | 1.879         | -0.001        | 98  | 2228     | 800.0        | 389.4          |       |
| 15 Ethyl ether                           | 59  | 1.921     | 1.915         | 0.006         | 96  | 29973    | 20.0         | 15.4           |       |
| 16 2-Methyl-1,3-butadiene                | 53  | 1.939     | 1.934         | 0.005         | 96  | 39232    | 20.0         | 16.0           |       |
| 17 1,2-Dichloro-1,1,2-trifluoroethane    | 117 | 1.945     | 1.946         | -0.001        | 95  | 40420    | NC           | NC             |       |
| 18 1,1,1-Trifluoro-2,2-dichloroethane    | 83  | 1.988     | 1.988         | 0.000         | 98  | 66001    | NC           | NC             |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroethane | 101 | 2.043     | 2.043         | 0.000         | 98  | 49586    | 20.0         | 25.1           |       |
| 19 Acrolein                              | 56  | 2.049     | 2.049         | 0.000         | 93  | 6694     | 40.0         | 29.3           |       |
| 21 1,1-Dichloroethene                    | 96  | 2.073     | 2.074         | -0.001        | 97  | 42548    | 20.0         | 21.5           |       |
| 22 Acetone                               | 43  | 2.140     | 2.141         | -0.001        | 87  | 36971    | 100.0        | 86.7           |       |
| 23 Iodomethane                           | 142 | 2.195     | 2.195         | 0.000         | 98  | 32915    | 20.0         | 15.9           |       |
| 25 Isopropyl alcohol                     | 45  | 2.195     | 2.201         | -0.006        | 44  | 8470     | 200.0        | 128.3          |       |
| 24 Carbon disulfide                      | 76  | 2.225     | 2.226         | -0.001        | 99  | 158763   | 20.0         | 21.8           |       |
| 26 3-Chloro-1-propene                    | 76  | 2.316     | 2.317         | -0.001        | 94  | 25233    | 20.0         | 18.2           |       |
| 28 Methyl acetate                        | 43  | 2.322     | 2.323         | -0.001        | 99  | 38784    | 40.0         | 20.3           |       |
| 27 Cyclopentene                          | 67  | 2.335     | 2.335         | 0.000         | 96  | 92053    | NC           | NC             |       |
| 29 Acetonitrile                          | 41  | 2.371     | 2.366         | 0.005         | 97  | 27720    | 200.0        | 164.6          |       |
| * 30 TBA-d9 (IS)                         | 65  | 2.401     | 2.402         | -0.001        | 80  | 127026   | 1000.0       | 1000.0         |       |
| 31 Methylene Chloride                    | 84  | 2.420     | 2.420         | 0.000         | 90  | 50344    | 20.0         | 20.5           |       |
| 32 2-Methyl-2-propanol                   | 59  | 2.456     | 2.457         | -0.001        | 98  | 16211    | 200.0        | 159.2          |       |
| 33 Methyl tert-butyl ether               | 73  | 2.541     | 2.542         | -0.001        | 96  | 93084    | 20.0         | 15.3           |       |



| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 34 trans-1,2-Dichloroethene        | 96  | 2.566     | 2.566         | 0.000         | 97  | 46686    | 20.0         | 20.8           |       |
| 35 Acrylonitrile                   | 53  | 2.627     | 2.627         | 0.000         | 93  | 116207   | 200.0        | 191.2          |       |
| 36 Hexane                          | 57  | 2.687     | 2.688         | -0.001        | 91  | 40217    | 20.0         | 14.4           |       |
| 37 Isopropyl ether                 | 45  | 2.864     | 2.858         | 0.006         | 97  | 100265   | 20.0         | 10.8           |       |
| 38 1,1-Dichloroethane              | 63  | 2.894     | 2.895         | -0.001        | 100 | 89897    | 20.0         | 17.8           |       |
| 39 Vinyl acetate                   | 43  | 2.900     | 2.901         | -0.001        | 100 | 125604   | 40.0         | 21.3           |       |
| 40 2-Chloro-1,3-butadiene          | 88  | 2.931     | 2.931         | 0.000         | 92  | 37984    | NC           | NC             |       |
| 41 Tert-butyl ethyl ether          | 59  | 3.132     | 3.132         | 0.000         | 89  | 94468    | NC           | NC             |       |
| * 43 2-Butanone-d5                 | 46  | 3.314     | 3.315         | -0.001        | 95  | 160860   | 250.0        | 250.0          |       |
| 42 2,2-Dichloropropane             | 79  | 3.320     | 3.315         | 0.005         | 94  | 23415    | 20.0         | 18.0           |       |
| 44 cis-1,2-Dichloroethene          | 96  | 3.344     | 3.345         | -0.001        | 98  | 53579    | 20.0         | 21.7           |       |
| 45 Ethyl acetate                   | 70  | 3.363     | 3.363         | 0.000         | 95  | 7703     | 40.0         | 58.3           |       |
| 46 2-Butanone (MEK)                | 72  | 3.363     | 3.363         | 0.000         | 96  | 17064    | 100.0        | 134.9          |       |
| 47 Methyl acrylate                 | 55  | 3.411     | 3.412         | -0.001        | 99  | 24750    | NC           | NC             |       |
| 48 Propionitrile                   | 54  | 3.478     | 3.479         | -0.001        | 97  | 44190    | NC           | NC             |       |
| 50 Chlorobromomethane              | 128 | 3.545     | 3.546         | -0.001        | 82  | 27359    | 20.0         | 25.0           |       |
| 49 Tetrahydrofuran                 | 72  | 3.557     | 3.552         | 0.005         | 53  | 7185     | 40.0         | 57.0           |       |
| 51 Methacrylonitrile               | 67  | 3.570     | 3.570         | 0.000         | 90  | 149166   | NC           | NC             |       |
| 52 Chloroform                      | 83  | 3.594     | 3.594         | 0.000         | 99  | 94049    | 20.0         | 21.3           |       |
| 53 Cyclohexane                     | 84  | 3.709     | 3.710         | -0.001        | 90  | 57115    | 20.0         | 20.8           |       |
| 54 1,1,1-Trichloroethane           | 97  | 3.722     | 3.722         | 0.000         | 99  | 75079    | 20.0         | 21.5           |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.740     | 3.740         | 0.000         | 96  | 112588   | 50.0         | 58.0           |       |
| 56 Carbon tetrachloride            | 117 | 3.831     | 3.832         | -0.001        | 99  | 67492    | 20.0         | 24.3           |       |
| 57 1,1-Dichloropropene             | 75  | 3.868     | 3.862         | 0.006         | 96  | 61083    | 20.0         | 18.3           |       |
| 58 Isobutyl alcohol                | 43  | 3.995     | 3.996         | -0.001        | 97  | 29056    | NC           | NC             |       |
| 59 Isooctane                       | 57  | 4.020     | 4.014         | 0.006         | 97  | 66953    | NC           | NC             | a     |
| 60 Benzene                         | 78  | 4.050     | 4.051         | -0.001        | 97  | 184696   | 20.0         | 15.1           |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.068     | 4.069         | -0.001        | 0   | 117096   | 50.0         | 43.9           |       |
| 62 Isopropyl acetate               | 43  | 4.111     | 4.112         | -0.001        | 91  | 71090    | 20.0         | 10.2           |       |
| 63 Tert-amyl methyl ether          | 55  | 4.117     | 4.112         | 0.005         | 83  | 25588    | NC           | NC             |       |
| 64 1,2-Dichloroethane              | 62  | 4.141     | 4.142         | -0.001        | 98  | 67599    | 20.0         | 18.1           |       |
| 65 n-Heptane                       | 57  | 4.196     | 4.197         | -0.001        | 91  | 14709    | 20.0         | 13.2           |       |
| * 66 Fluorobenzene                 | 96  | 4.330     | 4.331         | -0.001        | 99  | 446417   | 50.0         | 50.0           |       |
| 67 n-Butanol                       | 56  | 4.652     | 4.647         | 0.005         | 92  | 11560    | 500.0        | 481.1          |       |
| 68 Trichloroethene                 | 95  | 4.677     | 4.677         | 0.000         | 99  | 62064    | 20.0         | 25.0           |       |
| 69 Methylcyclohexane               | 83  | 4.792     | 4.793         | -0.001        | 91  | 63287    | 20.0         | 22.5           |       |
| 70 Ethyl acrylate                  | 55  | 4.804     | 4.805         | -0.001        | 97  | 98250    | 20.0         | 16.4           |       |
| 71 1,2-Dichloropropane             | 63  | 4.969     | 4.963         | 0.006         | 93  | 60984    | 20.0         | 20.6           |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.036     | 5.036         | 0.000         | 0   | 27974    | 1000.0       | 1000.0         |       |
| 73 Methyl methacrylate             | 100 | 5.060     | 5.055         | 0.006         | 88  | 18096    | 40.0         | 40.5           |       |
| 75 1,4-Dioxane                     | 88  | 5.109     | 5.097         | 0.012         | 30  | 4841     | 400.0        | 318.4          |       |
| 74 Dibromomethane                  | 93  | 5.096     | 5.097         | -0.001        | 98  | 41668    | 20.0         | 25.6           |       |
| 76 n-Propyl acetate                | 43  | 5.121     | 5.121         | 0.000         | 97  | 43342    | 20.0         | 11.6           |       |
| 77 Dichlorobromomethane            | 83  | 5.261     | 5.255         | 0.006         | 99  | 78549    | 20.0         | 23.7           |       |
| 78 2-Nitropropane                  | 41  | 5.614     | 5.614         | 0.000         | 97  | 16885    | NC           | NC             |       |
| 80 Epichlorohydrin                 | 57  | 5.735     | 5.730         | 0.005         | 99  | 63739    | 400.0        | 493.2          |       |
| 81 cis-1,3-Dichloropropene         | 75  | 5.784     | 5.785         | -0.001        | 91  | 84340    | 20.0         | 14.6           |       |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 5.972     | 5.973         | -0.001        | 97  | 155340   | 100.0        | 101.8          |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.039     | 6.040         | -0.001        | 99  | 464806   | 50.0         | 49.5           |       |
| 84 Toluene                         | 91  | 6.125     | 6.125         | 0.000         | 93  | 234461   | 20.0         | 18.3           |       |
| 85 trans-1,3-Dichloropropene       | 75  | 6.526     | 6.521         | 0.005         | 95  | 69751    | 20.0         | 13.6           |       |
| 86 Ethyl methacrylate              | 69  | 6.575     | 6.575         | 0.000         | 88  | 42543    | NC           | NC             |       |

| Compound                         | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|----------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 87 1,1,2-Trichloroethane         | 83  | 6.757     | 6.758         | -0.001        | 97 | 48453    | 20.0         | 18.0           |       |
| 88 Tetrachloroethene             | 166 | 6.788     | 6.788         | 0.000         | 96 | 63459    | 20.0         | 23.8           |       |
| 89 1,3-Dichloropropane           | 76  | 6.988     | 6.983         | 0.005         | 92 | 78269    | 20.0         | 15.7           |       |
| 90 2-Hexanone                    | 58  | 7.080     | 7.080         | 0.000         | 96 | 59200    | 100.0        | 118.8          |       |
| 91 n-Butyl acetate               | 43  | 7.226     | 7.226         | 0.000         | 98 | 46347    | 20.0         | 7.85           |       |
| 92 Chlorodibromomethane          | 129 | 7.244     | 7.238         | 0.006         | 98 | 63623    | 20.0         | 22.3           |       |
| 93 Ethylene Dibromide            | 107 | 7.402     | 7.403         | -0.001        | 98 | 56315    | 20.0         | 19.4           |       |
| * 94 Chlorobenzene-d5            | 117 | 7.992     | 7.993         | -0.001        | 85 | 438814   | 50.0         | 50.0           |       |
| 95 Chlorobenzene                 | 112 | 8.029     | 8.029         | 0.000         | 96 | 167957   | 20.0         | 21.8           |       |
| 96 Ethylbenzene                  | 106 | 8.138     | 8.139         | -0.001        | 98 | 74772    | 20.0         | 18.5           |       |
| 97 1,1,1,2-Tetrachloroethane     | 131 | 8.150     | 8.151         | -0.001        | 96 | 55745    | 20.0         | 21.2           |       |
| 98 m-Xylene & p-Xylene           | 106 | 8.290     | 8.291         | -0.001        | 0  | 119390   | 20.0         | 23.7           |       |
| 99 o-Xylene                      | 106 | 8.740     | 8.741         | -0.001        | 94 | 87024    | 20.0         | 17.2           |       |
| 100 n-Butyl acrylate             | 73  | 8.765     | 8.759         | 0.006         | 97 | 35521    | 20.0         | 13.9           |       |
| 101 Styrene                      | 104 | 8.777     | 8.778         | -0.001        | 95 | 173951   | 20.0         | 20.1           |       |
| 103 Bromoform                    | 173 | 8.984     | 8.984         | 0.000         | 97 | 44714    | 20.0         | 25.1           |       |
| 102 Amyl acetate (mixed isomers) | 43  | 9.008     | 9.009         | -0.001        | 91 | 64330    | 20.0         | 7.64           |       |
| 104 Isopropylbenzene             | 105 | 9.124     | 9.124         | 0.000         | 96 | 225936   | 20.0         | 18.4           |       |
| \$ 105 4-Bromofluorobenzene      | 174 | 9.318     | 9.319         | -0.001        | 95 | 185218   | 50.0         | 59.5           |       |
| 106 Bromobenzene                 | 156 | 9.446     | 9.447         | -0.001        | 95 | 78282    | 20.0         | 19.1           |       |
| 107 1,1,2,2-Tetrachloroethane    | 83  | 9.519     | 9.514         | 0.005         | 98 | 79396    | 20.0         | 16.4           |       |
| 108 N-Propylbenzene              | 91  | 9.531     | 9.532         | -0.001        | 99 | 286488   | 20.0         | 14.9           |       |
| 109 1,2,3-Trichloropropane       | 110 | 9.556     | 9.550         | 0.006         | 98 | 18640    | 20.0         | 17.5           |       |
| 110 trans-1,4-Dichloro-2-butene  | 53  | 9.580     | 9.581         | -0.001        | 93 | 18373    | NC           | NC             |       |
| 111 2-Chlorotoluene              | 91  | 9.629     | 9.629         | 0.000         | 97 | 219604   | 20.0         | 16.0           |       |
| 112 4-Ethyltoluene               | 105 | 9.647     | 9.641         | 0.006         | 98 | 255570   | NC           | NC             |       |
| 113 1,3,5-Trimethylbenzene       | 105 | 9.708     | 9.708         | 0.000         | 93 | 206909   | 20.0         | 16.2           |       |
| 114 4-Chlorotoluene              | 91  | 9.738     | 9.739         | -0.001        | 97 | 231143   | 20.0         | 17.4           |       |
| 115 Butyl Methacrylate           | 87  | 9.823     | 9.824         | -0.001        | 90 | 62418    | 20.0         | 12.5           |       |
| 116 tert-Butylbenzene            | 119 | 9.988     | 9.988         | 0.000         | 92 | 154394   | 20.0         | 15.9           |       |
| 117 1,2,4-Trimethylbenzene       | 105 | 10.048    | 10.049        | -0.001        | 97 | 222308   | 20.0         | 16.4           |       |
| 118 sec-Butylbenzene             | 105 | 10.188    | 10.183        | 0.005         | 99 | 234562   | 20.0         | 16.1           |       |
| 120 1,3-Dichlorobenzene          | 146 | 10.304    | 10.305        | -0.001        | 97 | 146985   | 20.0         | 20.0           |       |
| 119 4-Isopropyltoluene           | 119 | 10.316    | 10.317        | -0.001        | 97 | 195639   | 20.0         | 16.2           |       |
| * 121 1,4-Dichlorobenzene-d4     | 152 | 10.371    | 10.371        | 0.000         | 95 | 291589   | 50.0         | 50.0           |       |
| 122 1,4-Dichlorobenzene          | 146 | 10.389    | 10.390        | -0.001        | 96 | 154912   | 20.0         | 20.1           |       |
| 123 1,2,3-Trimethylbenzene       | 105 | 10.413    | 10.414        | -0.001        | 98 | 243537   | 20.0         | 17.0           |       |
| 124 Benzyl chloride              | 91  | 10.523    | 10.517        | 0.006         | 99 | 118691   | 20.0         | 15.2           |       |
| 125 2,3-Dihydroindene            | 117 | 10.578    | 10.572        | 0.006         | 94 | 244357   | NC           | NC             |       |
| 126 p-Diethylbenzene             | 119 | 10.639    | 10.633        | 0.005         | 92 | 128643   | NC           | NC             |       |
| 127 n-Butylbenzene               | 92  | 10.657    | 10.657        | 0.000         | 98 | 114873   | 20.0         | 16.9           |       |
| 128 1,2-Dichlorobenzene          | 146 | 10.699    | 10.700        | -0.001        | 97 | 150115   | 20.0         | 20.5           |       |
| 129 1,2,4,5-Tetramethylbenzene   | 119 | 11.259    | 11.260        | -0.001        | 97 | 172303   | NC           | NC             |       |
| 130 1,2-Dibromo-3-Chloropropane  | 157 | 11.344    | 11.345        | -0.001        | 95 | 15010    | 20.0         | 19.6           |       |
| 131 1,3,5-Trichlorobenzene       | 180 | 11.454    | 11.448        | 0.006         | 97 | 97616    | NC           | NC             |       |
| 132 1,2,4-Trichlorobenzene       | 180 | 11.928    | 11.929        | -0.001        | 94 | 85996    | 20.0         | 18.1           |       |
| 133 Hexachlorobutadiene          | 225 | 12.007    | 12.008        | -0.001        | 97 | 33937    | 20.0         | 20.7           |       |
| 134 Naphthalene                  | 128 | 12.111    | 12.111        | 0.000         | 99 | 189736   | 20.0         | 15.5           |       |
| 135 1,2,3-Trichlorobenzene       | 180 | 12.287    | 12.288        | -0.001        | 96 | 81153    | 20.0         | 18.6           |       |
| S 136 1,2-Dichloroethene, Total  | 100 |           |               |               | 0  |          | 40.0         | 42.5           |       |
| S 137 Xylenes, Total             | 100 |           |               |               | 0  |          | 40.0         | 41.0           |       |
| S 138 Total BTEX                 | 1   |           |               |               | 0  |          | 100.0        | 92.9           |       |

**QC Flag Legend**

## Processing Flags

NC - Not Calibrated

## Review Flags

a - User Assigned ID

**Reagents:**

|                    |                     |           |             |
|--------------------|---------------------|-----------|-------------|
| GASES Li_00500     | Amount Added: 20.00 | Units: uL |             |
| 8260MIX1COMB_00161 | Amount Added: 20.00 | Units: uL |             |
| 524freon_00059     | Amount Added: 20.00 | Units: uL |             |
| ACROLEIN W_00145   | Amount Added: 4.00  | Units: uL |             |
| 8260ISNEW_00171    | Amount Added: 1.00  | Units: uL | Run Reagent |
| 8260SURR250_00233  | Amount Added: 1.00  | Units: uL | Run Reagent |

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82200.D

Injection Date: 03-Nov-2022 12:15:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-268503-B-1 MS

Worklist Smp#: 11

Client ID: RW-6

Purge Vol: 5.000 mL

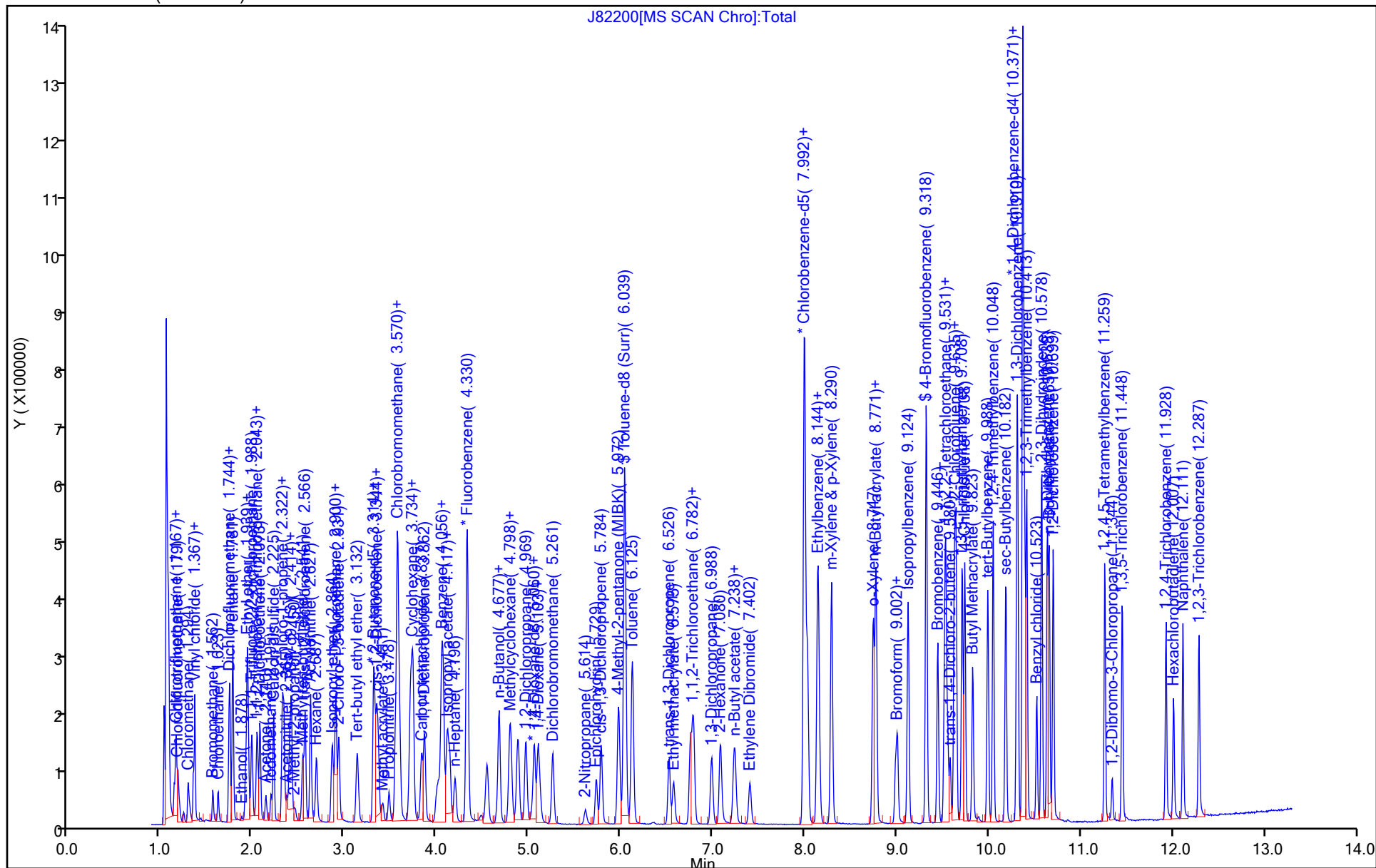
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison  
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82200.D  
Lims ID: 460-268503-B-1 MS  
Client ID: RW-6  
Sample Type: MS  
Inject. Date: 03-Nov-2022 12:15:30 ALS Bottle#: 10 Worklist Smp#: 11  
Purge Vol: 5.000 mL Dil. Factor: 1.0000  
Sample Info: 460-268503-B-1 MS  
Misc. Info.: 460-0152676-011  
Operator ID: Instrument ID: CVOAMS8  
Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
Limit Group: VOA 624.1 ICAL  
Last Update: 03-Nov-2022 12:58:00 Calib Date: 13-Oct-2022 02:01:30  
Integrator: RTE ID Type: Deconvolution ID  
Quant Method: Internal Standard Quant By: Initial Calibration  
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
Process Host: CTX1674

First Level Reviewer: KG2Q

Date: 03-Nov-2022 12:58:00

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 55 Dibromofluoromethane (Surr)  | 50.0         | 58.0             | 116.01 |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 50.0         | 43.9             | 87.74  |
| \$ 83 Toluene-d8 (Surr)            | 50.0         | 49.5             | 99.03  |
| \$ 105 4-Bromofluorobenzene        | 50.0         | 59.5             | 118.91 |

FORM I  
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

|                                   |                                                |
|-----------------------------------|------------------------------------------------|
| Lab Name: <u>Eurofins Edison</u>  | Job No.: <u>460-268503-1</u>                   |
| SDG No.: _____                    |                                                |
| Client Sample ID: <u>RW-6 MSD</u> | Lab Sample ID: <u>460-268503-1 MSD</u>         |
| Matrix: <u>Water</u>              | Lab File ID: <u>J82201.D</u>                   |
| Analysis Method: <u>624.1</u>     | Date Collected: <u>10/28/2022 13:40</u>        |
| Sample wt/vol: <u>5 (mL)</u>      | Date Analyzed: <u>11/03/2022 12:40</u>         |
| Soil Aliquot Vol: _____           | Dilution Factor: <u>1</u>                      |
| Soil Extract Vol.: _____          | GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u> |
| Purge Volume: <u>5.0 (mL)</u>     | Heated Purge: (Y/N) <u>N</u> pH: _____         |
| % Moisture: _____ % Solids: _____ | Level: (low/med) <u>Low</u>                    |
| Analysis Batch No.: <u>875754</u> | Units: <u>ug/L</u>                             |

| CAS NO.   | COMPOUND NAME  | RESULT | Q | RL  | MDL  |
|-----------|----------------|--------|---|-----|------|
| 1330-20-7 | Xylenes, Total | 41.6   |   | 2.0 | 0.65 |

| CAS NO.    | SURROGATE                    | %REC | Q | LIMITS |
|------------|------------------------------|------|---|--------|
| 460-00-4   | 4-Bromofluorobenzene         | 119  |   | 60-140 |
| 1868-53-7  | Dibromofluoromethane (Surr)  | 113  |   | 60-140 |
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 86   |   | 60-140 |
| 2037-26-5  | Toluene-d8 (Surr)            | 98   |   | 60-140 |

Eurofins Edison  
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82201.D  
 Lims ID: 460-268503-B-1 MSD  
 Client ID: RW-6  
 Sample Type: MSD  
 Inject. Date: 03-Nov-2022 12:40:30 ALS Bottle#: 11 Worklist Smp#: 12  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-268503-B-1 MSD  
 Misc. Info.: 460-0152676-012  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 12:59:12 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1674

First Level Reviewer: KG2Q

Date: 03-Nov-2022 12:59:12

| Compound                                 | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q  | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------------|-----|-----------|---------------|---------------|----|----------|--------------|----------------|-------|
| 2 Chlorotrifluoroethene                  | 118 | 1.146     | 1.143         | 0.003         | 95 | 4611     | NC           | NC             |       |
| 4 Dichlorodifluoromethane                | 85  | 1.164     | 1.167         | -0.003        | 99 | 68128    | 20.0         | 19.4           |       |
| 5 Chlorodifluoromethane                  | 67  | 1.188     | 1.185         | 0.003         | 99 | 11392    | NC           | NC             |       |
| 6 Chloromethane                          | 50  | 1.292     | 1.295         | -0.003        | 99 | 66287    | 20.0         | 13.0           |       |
| 7 Vinyl chloride                         | 62  | 1.353     | 1.350         | 0.003         | 99 | 53689    | 20.0         | 15.9           |       |
| 8 Butadiene                              | 54  | 1.365     | 1.368         | -0.003        | 97 | 44811    | 20.0         | 13.8           |       |
| 9 Bromomethane                           | 94  | 1.566     | 1.563         | 0.003         | 96 | 22713    | 20.0         | 18.3           |       |
| 10 Chloroethane                          | 64  | 1.620     | 1.617         | 0.003         | 99 | 25686    | 20.0         | 15.4           |       |
| 12 Dichlorofluoromethane                 | 67  | 1.742     | 1.739         | 0.003         | 99 | 93511    | NC           | NC             |       |
| 11 Trichlorofluoromethane                | 101 | 1.748     | 1.751         | -0.003        | 99 | 78803    | 20.0         | 21.9           |       |
| 13 Pentane                               | 43  | 1.779     | 1.782         | -0.003        | 95 | 126266   | 40.0         | 30.1           |       |
| 14 Ethanol                               | 46  | 1.876     | 1.879         | -0.003        | 97 | 7148     | 800.0        | 1127.9         |       |
| 15 Ethyl ether                           | 59  | 1.919     | 1.915         | 0.003         | 97 | 30787    | 20.0         | 14.8           |       |
| 16 2-Methyl-1,3-butadiene                | 53  | 1.937     | 1.934         | 0.003         | 97 | 40651    | 20.0         | 15.5           |       |
| 17 1,2-Dichloro-1,1,2-trifluoroethane    | 117 | 1.949     | 1.946         | 0.003         | 96 | 38170    | NC           | NC             |       |
| 18 1,1,1-Trifluoro-2,2-dichloroethane    | 83  | 1.985     | 1.988         | -0.003        | 97 | 68079    | NC           | NC             |       |
| 20 1,1,2-Trichloro-1,2,2-trifluoroethane | 101 | 2.040     | 2.043         | -0.003        | 98 | 51389    | 20.0         | 24.2           |       |
| 19 Acrolein                              | 56  | 2.046     | 2.049         | -0.003        | 93 | 6956     | 40.0         | 27.5           |       |
| 21 1,1-Dichloroethene                    | 96  | 2.077     | 2.074         | 0.003         | 99 | 45814    | 20.0         | 21.5           |       |
| 22 Acetone                               | 43  | 2.138     | 2.141         | -0.003        | 86 | 43821    | 100.0        | 94.0           |       |
| 23 Iodomethane                           | 142 | 2.198     | 2.195         | 0.003         | 99 | 36878    | 20.0         | 16.6           |       |
| 25 Isopropyl alcohol                     | 45  | 2.198     | 2.201         | -0.003        | 63 | 19858    | 200.0        | 271.6          |       |
| 24 Carbon disulfide                      | 76  | 2.223     | 2.226         | -0.003        | 99 | 171693   | 20.0         | 22.0           |       |
| 26 3-Chloro-1-propene                    | 76  | 2.320     | 2.317         | 0.003         | 95 | 28824    | 20.0         | 19.3           |       |
| 28 Methyl acetate                        | 43  | 2.326     | 2.323         | 0.003         | 99 | 45412    | 40.0         | 22.1           |       |
| 27 Cyclopentene                          | 67  | 2.338     | 2.335         | 0.003         | 96 | 100117   | NC           | NC             |       |
| 29 Acetonitrile                          | 41  | 2.369     | 2.366         | 0.003         | 99 | 39762    | 200.0        | 213.2          |       |
| * 30 TBA-d9 (IS)                         | 65  | 2.399     | 2.402         | -0.003        | 78 | 140710   | 1000.0       | 1000.0         |       |
| 31 Methylene Chloride                    | 84  | 2.417     | 2.420         | -0.003        | 93 | 51664    | 20.0         | 19.6           |       |
| 32 2-Methyl-2-propanol                   | 59  | 2.454     | 2.457         | -0.003        | 98 | 28850    | 200.0        | 255.7          |       |
| 33 Methyl tert-butyl ether               | 73  | 2.545     | 2.542         | 0.003         | 97 | 100376   | 20.0         | 15.4           |       |



| Compound                           | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|------------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 34 trans-1,2-Dichloroethene        | 96  | 2.569     | 2.566         | 0.003         | 96  | 51430    | 20.0         | 21.3           |       |
| 35 Acrylonitrile                   | 53  | 2.624     | 2.627         | -0.003        | 94  | 128053   | 200.0        | 190.2          |       |
| 36 Hexane                          | 57  | 2.691     | 2.688         | 0.003         | 91  | 44187    | 20.0         | 14.7           |       |
| 37 Isopropyl ether                 | 45  | 2.861     | 2.858         | 0.003         | 97  | 111016   | 20.0         | 11.1           |       |
| 38 1,1-Dichloroethane              | 63  | 2.898     | 2.895         | 0.003         | 100 | 95690    | 20.0         | 17.7           |       |
| 39 Vinyl acetate                   | 43  | 2.904     | 2.901         | 0.003         | 100 | 143068   | 40.0         | 22.6           |       |
| 40 2-Chloro-1,3-butadiene          | 88  | 2.934     | 2.931         | 0.003         | 92  | 40654    | NC           | NC             |       |
| 41 Tert-butyl ethyl ether          | 59  | 3.135     | 3.132         | 0.003         | 88  | 107540   | NC           | NC             |       |
| * 43 2-Butanone-d5                 | 46  | 3.312     | 3.315         | -0.003        | 98  | 175894   | 250.0        | 250.0          |       |
| 42 2,2-Dichloropropane             | 79  | 3.318     | 3.315         | 0.003         | 93  | 25760    | 20.0         | 18.5           |       |
| 44 cis-1,2-Dichloroethene          | 96  | 3.342     | 3.345         | -0.003        | 99  | 56103    | 20.0         | 21.2           |       |
| 45 Ethyl acetate                   | 70  | 3.360     | 3.363         | -0.003        | 94  | 8691     | 40.0         | 60.2           |       |
| 46 2-Butanone (MEK)                | 72  | 3.360     | 3.363         | -0.003        | 96  | 18792    | 100.0        | 135.9          |       |
| 47 Methyl acrylate                 | 55  | 3.409     | 3.412         | -0.003        | 99  | 26987    | NC           | NC             |       |
| 48 Propionitrile                   | 54  | 3.482     | 3.479         | 0.003         | 97  | 51204    | NC           | NC             |       |
| 50 Chlorobromomethane              | 128 | 3.549     | 3.546         | 0.003         | 80  | 28116    | 20.0         | 24.0           |       |
| 49 Tetrahydrofuran                 | 72  | 3.555     | 3.552         | 0.003         | 51  | 8842     | 40.0         | 64.1           |       |
| 51 Methacrylonitrile               | 67  | 3.573     | 3.570         | 0.003         | 90  | 155371   | NC           | NC             |       |
| 52 Chloroform                      | 83  | 3.598     | 3.594         | 0.004         | 98  | 97125    | 20.0         | 20.5           |       |
| 53 Cyclohexane                     | 84  | 3.713     | 3.710         | 0.003         | 92  | 60793    | 20.0         | 20.7           |       |
| 54 1,1,1-Trichloroethane           | 97  | 3.725     | 3.722         | 0.003         | 99  | 78068    | 20.0         | 20.9           |       |
| \$ 55 Dibromofluoromethane (Surr)  | 113 | 3.737     | 3.740         | -0.003        | 96  | 117808   | 50.0         | 56.5           |       |
| 56 Carbon tetrachloride            | 117 | 3.835     | 3.832         | 0.003         | 98  | 69220    | 20.0         | 23.3           |       |
| 57 1,1-Dichloropropene             | 75  | 3.865     | 3.862         | 0.003         | 97  | 65880    | 20.0         | 18.4           |       |
| 58 Isobutyl alcohol                | 43  | 3.993     | 3.996         | -0.003        | 96  | 44601    | NC           | NC             |       |
| 59 Isooctane                       | 57  | 4.017     | 4.014         | 0.003         | 97  | 77942    | NC           | NC             | a     |
| 60 Benzene                         | 78  | 4.048     | 4.051         | -0.003        | 96  | 195259   | 20.0         | 15.4           |       |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 65  | 4.066     | 4.069         | -0.003        | 0   | 122469   | 50.0         | 42.8           |       |
| 62 Isopropyl acetate               | 43  | 4.109     | 4.112         | -0.003        | 94  | 78692    | 20.0         | 10.5           |       |
| 63 Tert-amyl methyl ether          | 55  | 4.115     | 4.112         | 0.003         | 90  | 27814    | NC           | NC             |       |
| 64 1,2-Dichloroethane              | 62  | 4.139     | 4.142         | -0.003        | 98  | 67361    | 20.0         | 16.8           |       |
| 65 n-Heptane                       | 57  | 4.200     | 4.197         | 0.003         | 91  | 17335    | 20.0         | 14.5           |       |
| * 66 Fluorobenzene                 | 96  | 4.328     | 4.331         | -0.003        | 99  | 479127   | 50.0         | 50.0           |       |
| 67 n-Butanol                       | 56  | 4.650     | 4.647         | 0.003         | 92  | 27107    | 500.0        | 1018.5         |       |
| 68 Trichloroethene                 | 95  | 4.674     | 4.677         | -0.003        | 99  | 66161    | 20.0         | 24.8           |       |
| 69 Methylcyclohexane               | 83  | 4.796     | 4.793         | 0.003         | 91  | 71142    | 20.0         | 23.5           |       |
| 70 Ethyl acrylate                  | 55  | 4.802     | 4.805         | -0.003        | 97  | 107995   | 20.0         | 16.8           |       |
| 71 1,2-Dichloropropane             | 63  | 4.966     | 4.963         | 0.003         | 92  | 64537    | 20.0         | 20.3           |       |
| * 72 1,4-Dioxane-d8                | 96  | 5.039     | 5.036         | 0.003         | 0   | 30815    | 1000.0       | 1000.0         |       |
| 73 Methyl methacrylate             | 100 | 5.058     | 5.055         | 0.004         | 85  | 20477    | 40.0         | 42.7           |       |
| 75 1,4-Dioxane                     | 88  | 5.094     | 5.097         | -0.003        | 43  | 12735    | 400.0        | 760.5          |       |
| 74 Dibromomethane                  | 93  | 5.094     | 5.097         | -0.003        | 97  | 43583    | 20.0         | 24.9           |       |
| 76 n-Propyl acetate                | 43  | 5.118     | 5.121         | -0.003        | 97  | 50461    | 20.0         | 12.6           |       |
| 77 Dichlorobromomethane            | 83  | 5.258     | 5.255         | 0.003         | 99  | 82253    | 20.0         | 23.1           |       |
| 78 2-Nitropropane                  | 41  | 5.611     | 5.614         | -0.003        | 99  | 17714    | NC           | NC             |       |
| 80 Epichlorohydrin                 | 57  | 5.733     | 5.730         | 0.003         | 99  | 72721    | 400.0        | 514.6          |       |
| 81 cis-1,3-Dichloropropene         | 75  | 5.782     | 5.785         | -0.003        | 91  | 90744    | 20.0         | 15.2           |       |
| 82 4-Methyl-2-pentanone (MIBK)     | 43  | 5.976     | 5.973         | 0.003         | 97  | 173223   | 100.0        | 103.8          |       |
| \$ 83 Toluene-d8 (Surr)            | 98  | 6.043     | 6.040         | 0.003         | 99  | 477493   | 50.0         | 49.1           |       |
| 84 Toluene                         | 91  | 6.122     | 6.125         | -0.003        | 93  | 245386   | 20.0         | 18.5           |       |
| 85 trans-1,3-Dichloropropene       | 75  | 6.524     | 6.521         | 0.003         | 96  | 74790    | 20.0         | 14.1           |       |
| 86 Ethyl methacrylate              | 69  | 6.572     | 6.575         | -0.003        | 87  | 46604    | NC           | NC             |       |



| Compound                         | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q   | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|----------------------------------|-----|-----------|---------------|---------------|-----|----------|--------------|----------------|-------|
| 87 1,1,2-Trichloroethane         | 83  | 6.761     | 6.758         | 0.003         | 97  | 50893    | 20.0         | 18.2           |       |
| 88 Tetrachloroethene             | 166 | 6.791     | 6.788         | 0.003         | 97  | 65850    | 20.0         | 23.8           |       |
| 89 1,3-Dichloropropane           | 76  | 6.986     | 6.983         | 0.003         | 92  | 83451    | 20.0         | 16.1           |       |
| 90 2-Hexanone                    | 58  | 7.083     | 7.080         | 0.003         | 96  | 65305    | 100.0        | 119.9          |       |
| 91 n-Butyl acetate               | 43  | 7.223     | 7.226         | -0.003        | 99  | 50873    | 20.0         | 8.32           |       |
| 92 Chlorodibromomethane          | 129 | 7.242     | 7.238         | 0.004         | 98  | 66252    | 20.0         | 22.4           |       |
| 93 Ethylene Dibromide            | 107 | 7.400     | 7.403         | -0.003        | 99  | 59529    | 20.0         | 19.8           |       |
| * 94 Chlorobenzene-d5            | 117 | 7.996     | 7.993         | 0.003         | 85  | 454847   | 50.0         | 50.0           |       |
| 95 Chlorobenzene                 | 112 | 8.032     | 8.029         | 0.003         | 96  | 175083   | 20.0         | 21.9           |       |
| 96 Ethylbenzene                  | 106 | 8.136     | 8.139         | -0.003        | 98  | 76563    | 20.0         | 18.3           |       |
| 97 1,1,1,2-Tetrachloroethane     | 131 | 8.154     | 8.151         | 0.003         | 97  | 58697    | 20.0         | 21.6           |       |
| 98 m-Xylene & p-Xylene           | 106 | 8.294     | 8.291         | 0.003         | 0   | 125353   | 20.0         | 24.1           |       |
| 99 o-Xylene                      | 106 | 8.744     | 8.741         | 0.003         | 94  | 91871    | 20.0         | 17.5           |       |
| 100 n-Butyl acrylate             | 73  | 8.762     | 8.759         | 0.003         | 98  | 37302    | 20.0         | 14.1           |       |
| 101 Styrene                      | 104 | 8.775     | 8.778         | -0.003        | 96  | 181994   | 20.0         | 20.3           |       |
| 103 Bromoform                    | 173 | 8.988     | 8.984         | 0.004         | 97  | 45051    | 20.0         | 24.4           |       |
| 102 Amyl acetate (mixed isomers) | 43  | 9.006     | 9.009         | -0.003        | 92  | 67144    | 20.0         | 7.75           |       |
| 104 Isopropylbenzene             | 105 | 9.121     | 9.124         | -0.003        | 96  | 239786   | 20.0         | 18.8           |       |
| \$ 105 4-Bromofluorobenzene      | 174 | 9.322     | 9.319         | 0.003         | 95  | 191643   | 50.0         | 59.3           |       |
| 106 Bromobenzene                 | 156 | 9.444     | 9.447         | -0.003        | 96  | 81260    | 20.0         | 19.3           |       |
| 107 1,1,2,2-Tetrachloroethane    | 83  | 9.517     | 9.514         | 0.003         | 99  | 83452    | 20.0         | 16.7           |       |
| 108 N-Propylbenzene              | 91  | 9.529     | 9.532         | -0.003        | 99  | 303204   | 20.0         | 15.3           |       |
| 109 1,2,3-Trichloropropane       | 110 | 9.553     | 9.550         | 0.003         | 98  | 18537    | 20.0         | 16.9           |       |
| 110 trans-1,4-Dichloro-2-butene  | 53  | 9.578     | 9.581         | -0.003        | 90  | 18165    | NC           | NC             |       |
| 111 2-Chlorotoluene              | 91  | 9.626     | 9.629         | -0.003        | 97  | 230353   | 20.0         | 16.3           |       |
| 112 4-Ethyltoluene               | 105 | 9.645     | 9.641         | 0.004         | 98  | 266874   | NC           | NC             |       |
| 113 1,3,5-Trimethylbenzene       | 105 | 9.711     | 9.708         | 0.003         | 92  | 217444   | 20.0         | 16.5           |       |
| 114 4-Chlorotoluene              | 91  | 9.742     | 9.739         | 0.003         | 97  | 238721   | 20.0         | 17.5           |       |
| 115 Butyl Methacrylate           | 87  | 9.827     | 9.824         | 0.003         | 90  | 65656    | 20.0         | 12.8           |       |
| 116 tert-Butylbenzene            | 119 | 9.991     | 9.988         | 0.003         | 93  | 159181   | 20.0         | 16.0           |       |
| 117 1,2,4-Trimethylbenzene       | 105 | 10.046    | 10.049        | -0.003        | 97  | 235664   | 20.0         | 16.9           |       |
| 118 sec-Butylbenzene             | 105 | 10.186    | 10.183        | 0.003         | 99  | 246441   | 20.0         | 16.4           |       |
| 120 1,3-Dichlorobenzene          | 146 | 10.308    | 10.305        | 0.003         | 97  | 149768   | 20.0         | 19.8           |       |
| 119 4-Isopropyltoluene           | 119 | 10.314    | 10.317        | -0.003        | 97  | 206128   | 20.0         | 16.5           |       |
| * 121 1,4-Dichlorobenzene-d4     | 152 | 10.368    | 10.371        | -0.003        | 95  | 300191   | 50.0         | 50.0           |       |
| 122 1,4-Dichlorobenzene          | 146 | 10.393    | 10.390        | 0.003         | 96  | 159814   | 20.0         | 20.2           |       |
| 123 1,2,3-Trimethylbenzene       | 105 | 10.411    | 10.414        | -0.003        | 99  | 252624   | 20.0         | 17.1           |       |
| 124 Benzyl chloride              | 91  | 10.521    | 10.517        | 0.004         | 99  | 122443   | 20.0         | 15.2           |       |
| 125 2,3-Dihydroindene            | 117 | 10.575    | 10.572        | 0.003         | 94  | 250538   | NC           | NC             |       |
| 126 p-Diethylbenzene             | 119 | 10.636    | 10.633        | 0.003         | 92  | 131858   | NC           | NC             |       |
| 127 n-Butylbenzene               | 92  | 10.654    | 10.657        | -0.003        | 97  | 119239   | 20.0         | 17.0           |       |
| 128 1,2-Dichlorobenzene          | 146 | 10.703    | 10.700        | 0.003         | 97  | 151746   | 20.0         | 20.2           |       |
| 129 1,2,4,5-Tetramethylbenzene   | 119 | 11.263    | 11.260        | 0.003         | 97  | 187629   | NC           | NC             |       |
| 130 1,2-Dibromo-3-Chloropropane  | 157 | 11.342    | 11.345        | -0.003        | 96  | 15706    | 20.0         | 20.0           |       |
| 131 1,3,5-Trichlorobenzene       | 180 | 11.451    | 11.448        | 0.003         | 98  | 102758   | NC           | NC             |       |
| 132 1,2,4-Trichlorobenzene       | 180 | 11.926    | 11.929        | -0.003        | 94  | 90688    | 20.0         | 18.5           |       |
| 133 Hexachlorobutadiene          | 225 | 12.011    | 12.008        | 0.003         | 97  | 36625    | 20.0         | 21.7           |       |
| 134 Naphthalene                  | 128 | 12.114    | 12.111        | 0.003         | 100 | 214886   | 20.0         | 17.0           |       |
| 135 1,2,3-Trichlorobenzene       | 180 | 12.285    | 12.288        | -0.003        | 95  | 90973    | 20.0         | 20.2           |       |
| S 136 1,2-Dichloroethene, Total  | 100 |           |               |               | 0   |          | 40.0         | 42.5           |       |
| S 137 Xylenes, Total             | 100 |           |               |               | 0   |          | 40.0         | 41.6           |       |
| S 138 Total BTEX                 | 1   |           |               |               | 0   |          | 100.0        | 93.8           |       |

**QC Flag Legend**

## Processing Flags

NC - Not Calibrated

## Review Flags

a - User Assigned ID

**Reagents:**

|                    |                     |           |             |
|--------------------|---------------------|-----------|-------------|
| GASES Li_00500     | Amount Added: 20.00 | Units: uL |             |
| 8260MIX1COMB_00161 | Amount Added: 20.00 | Units: uL |             |
| 524freon_00059     | Amount Added: 20.00 | Units: uL |             |
| ACROLEIN W_00145   | Amount Added: 4.00  | Units: uL |             |
| 8260ISNEW_00171    | Amount Added: 1.00  | Units: uL | Run Reagent |
| 8260SURR250_00233  | Amount Added: 1.00  | Units: uL | Run Reagent |

## Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82201.D

Injection Date: 03-Nov-2022 12:40:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-268503-B-1 MSD

Worklist Smp#: 12

Client ID: RW-6

Purge Vol: 5.000 mL

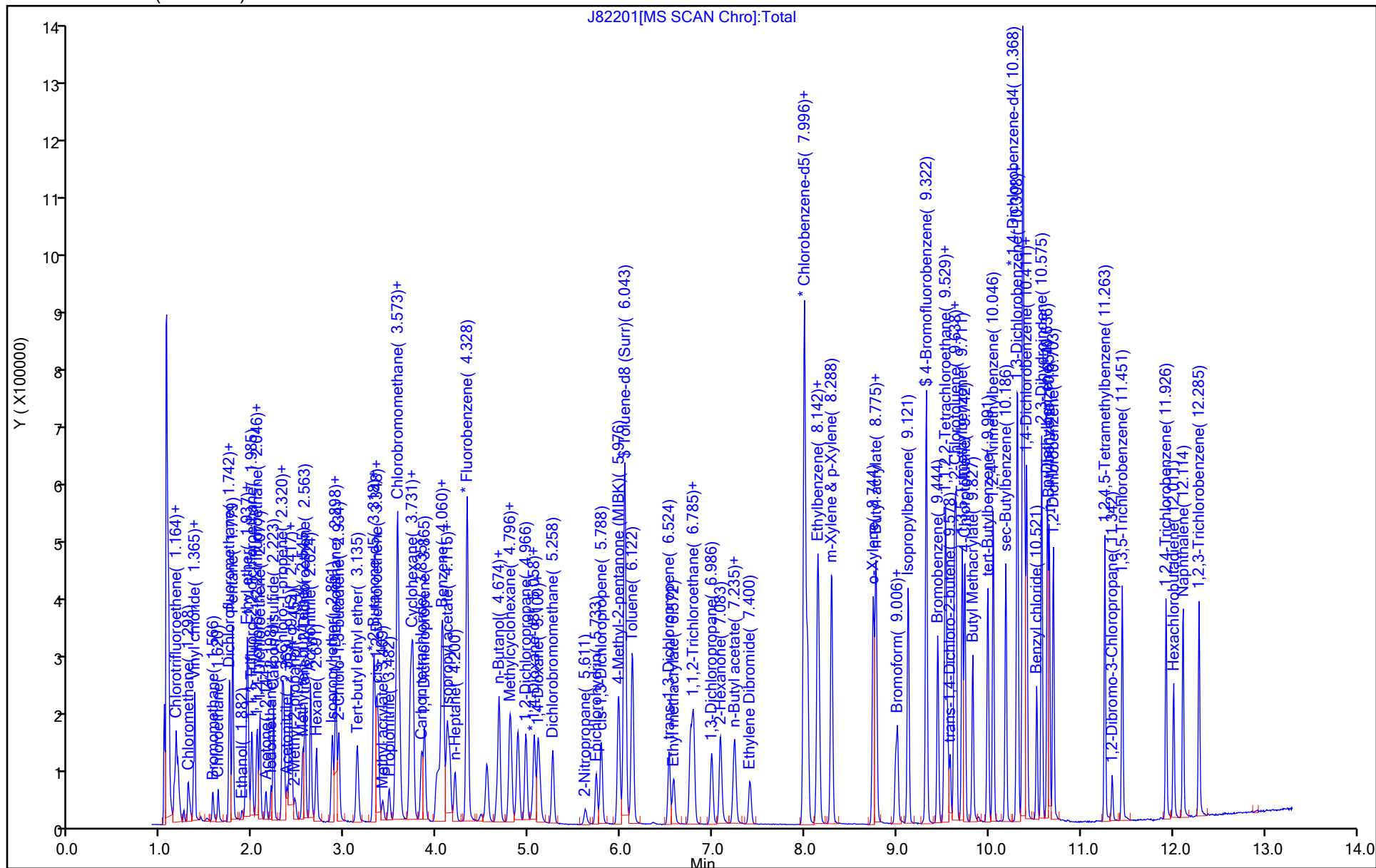
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8260\_W8

Limit Group: VOA 624.1 ICAL

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison  
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82201.D  
 Lims ID: 460-268503-B-1 MSD  
 Client ID: RW-6  
 Sample Type: MSD  
 Inject. Date: 03-Nov-2022 12:40:30 ALS Bottle#: 11 Worklist Smp#: 12  
 Purge Vol: 5.000 mL Dil. Factor: 1.0000  
 Sample Info: 460-268503-B-1 MSD  
 Misc. Info.: 460-0152676-012  
 Operator ID: Instrument ID: CVOAMS8  
 Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260\_W8.m  
 Limit Group: VOA 624.1 ICAL  
 Last Update: 03-Nov-2022 12:59:12 Calib Date: 13-Oct-2022 02:01:30  
 Integrator: RTE ID Type: Deconvolution ID  
 Quant Method: Internal Standard Quant By: Initial Calibration  
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D  
 Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN  
 Process Host: CTX1674

First Level Reviewer: KG2Q

Date: 03-Nov-2022 12:59:12

| Compound                           | Amount Added | Amount Recovered | % Rec. |
|------------------------------------|--------------|------------------|--------|
| \$ 55 Dibromofluoromethane (Surr)  | 50.0         | 56.5             | 113.10 |
| \$ 61 1,2-Dichloroethane-d4 (Surr) | 50.0         | 42.8             | 85.50  |
| \$ 83 Toluene-d8 (Surr)            | 50.0         | 49.1             | 98.14  |
| \$ 105 4-Bromofluorobenzene        | 50.0         | 59.3             | 118.70 |

## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 Start Date: 10/12/2022 22:40Analysis Batch Number: 871602 End Date: 10/13/2022 04:56

| LAB SAMPLE ID              | CLIENT SAMPLE ID | DATE ANALYZED    | DILUTION<br>FACTOR | LAB FILE ID | COLUMN ID         |
|----------------------------|------------------|------------------|--------------------|-------------|-------------------|
| BFB 460-871602/1           |                  | 10/12/2022 22:40 | 1                  | J81260.D    | Rtx-624 0.25 (mm) |
| STD7 460-871602/3 IC       |                  | 10/12/2022 23:30 | 1                  | J81262.D    | Rtx-624 0.25 (mm) |
| STD1 460-871602/4 IC       |                  | 10/12/2022 23:56 | 1                  | J81263.D    | Rtx-624 0.25 (mm) |
| STD5 460-871602/5 IC       |                  | 10/13/2022 00:21 | 1                  | J81264.D    | Rtx-624 0.25 (mm) |
| STD20 460-871602/6<br>ICIS |                  | 10/13/2022 00:46 | 1                  | J81265.D    | Rtx-624 0.25 (mm) |
| STD50 460-871602/7<br>IC   |                  | 10/13/2022 01:11 | 1                  | J81266.D    | Rtx-624 0.25 (mm) |
| STD200 460-871602/8<br>IC  |                  | 10/13/2022 01:36 | 1                  | J81267.D    | Rtx-624 0.25 (mm) |
| STD500 460-871602/9<br>IC  |                  | 10/13/2022 02:01 | 1                  | J81268.D    | Rtx-624 0.25 (mm) |
| ICV 460-871602/16          |                  | 10/13/2022 04:56 | 1                  | J81275.D    | Rtx-624 0.25 (mm) |

## GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.: \_\_\_\_\_

Instrument ID: CVOAMS8 Start Date: 11/03/2022 07:37Analysis Batch Number: 875754 End Date: 11/03/2022 19:20

| LAB SAMPLE ID      | CLIENT SAMPLE ID | DATE ANALYZED    | DILUTION<br>FACTOR | LAB FILE ID | COLUMN ID         |
|--------------------|------------------|------------------|--------------------|-------------|-------------------|
| BFB 460-875754/1   |                  | 11/03/2022 07:37 | 1                  | J82190.D    | Rtx-624 0.25 (mm) |
| CCVIS 460-875754/3 |                  | 11/03/2022 08:29 | 1                  | J82192.D    | Rtx-624 0.25 (mm) |
| LCS 460-875754/5   |                  | 11/03/2022 09:28 | 1                  | J82194.D    | Rtx-624 0.25 (mm) |
| MB 460-875754/8    |                  | 11/03/2022 10:53 | 1                  | J82197.D    | Rtx-624 0.25 (mm) |
| ZZZZZ              |                  | 11/03/2022 11:25 | 1                  |             | Rtx-624 0.25 (mm) |
| 460-268503-1       | RW-6             | 11/03/2022 11:50 | 1                  | J82199.D    | Rtx-624 0.25 (mm) |
| 460-268503-1 MS    | RW-6 MS          | 11/03/2022 12:15 | 1                  | J82200.D    | Rtx-624 0.25 (mm) |
| 460-268503-1 MSD   | RW-6 MSD         | 11/03/2022 12:40 | 1                  | J82201.D    | Rtx-624 0.25 (mm) |
| ZZZZZ              |                  | 11/03/2022 13:30 | 1                  |             | Rtx-624 0.25 (mm) |
| ZZZZZ              |                  | 11/03/2022 13:55 | 1                  |             | Rtx-624 0.25 (mm) |
| ZZZZZ              |                  | 11/03/2022 14:20 | 1                  |             | Rtx-624 0.25 (mm) |
| ZZZZZ              |                  | 11/03/2022 14:45 | 1                  |             | Rtx-624 0.25 (mm) |
| 460-268503-7       | FB_(20221028)    | 11/03/2022 15:10 | 1                  | J82207.D    | Rtx-624 0.25 (mm) |
| 460-268503-8       | TB_(20221028)    | 11/03/2022 15:35 | 1                  | J82208.D    | Rtx-624 0.25 (mm) |
| ZZZZZ              |                  | 11/03/2022 16:00 | 1                  |             | Rtx-624 0.25 (mm) |
| ZZZZZ              |                  | 11/03/2022 16:25 | 1                  |             | Rtx-624 0.25 (mm) |
| 460-268503-4       | MW-9             | 11/03/2022 16:50 | 1                  | J82211.D    | Rtx-624 0.25 (mm) |
| 460-268503-5       | PZ-21            | 11/03/2022 17:15 | 1                  | J82212.D    | Rtx-624 0.25 (mm) |
| 460-268503-2       | RW-7             | 11/03/2022 17:40 | 1                  | J82213.D    | Rtx-624 0.25 (mm) |
| 460-268503-3       | MW-2A            | 11/03/2022 18:05 | 1                  | J82214.D    | Rtx-624 0.25 (mm) |
| 460-268503-6       | BD_(10282022)    | 11/03/2022 18:30 | 1                  | J82215.D    | Rtx-624 0.25 (mm) |
| ZZZZZ              |                  | 11/03/2022 19:20 | 50                 |             | Rtx-624 0.25 (mm) |

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.: \_\_\_\_\_

Batch Number: 871602 Batch Start Date: 10/12/22 22:40 Batch Analyst: Boykin, KennethBatch Method: 624.1 Batch End Date: \_\_\_\_\_

| Lab Sample ID                 | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | 14DIOXINTER<br>00146 | 524freon 00058 | 8260 SP 00159 | 8260ISNEW 00171 |
|-------------------------------|------------------|--------------|-------|---------------|-------------|----------------------|----------------|---------------|-----------------|
| BFB<br>460-871602/1           |                  | 624.1        |       | 5 mL          | 5 mL        |                      |                |               |                 |
| STD7<br>460-871602/3 IC       |                  | 624.1        |       | 5 mL          | 5 mL        |                      |                |               | 1 uL            |
| STD1<br>460-871602/4 IC       |                  | 624.1        |       | 5 mL          | 5 mL        | 30 uL                | 10 uL          |               | 1 uL            |
| STD5<br>460-871602/5 IC       |                  | 624.1        |       | 5 mL          | 5 mL        |                      | 10 uL          |               | 1 uL            |
| STD20<br>460-871602/6<br>ICIS |                  | 624.1        |       | 5 mL          | 5 mL        |                      | 20 uL          |               | 1 uL            |
| STD50<br>460-871602/7 IC      |                  | 624.1        |       | 5 mL          | 5 mL        |                      | 50 uL          |               | 1 uL            |
| STD200<br>460-871602/8 IC     |                  | 624.1        |       | 5 mL          | 5 mL        |                      |                |               | 1 uL            |
| STD500<br>460-871602/9 IC     |                  | 624.1        |       | 5 mL          | 5 mL        |                      |                |               | 1 uL            |
| ICV<br>460-871602/16          |                  | 624.1        |       | 5 mL          | 5 mL        |                      |                | 20 uL         | 1 uL            |

| Lab Sample ID                 | Client Sample ID | Method Chain | Basis | 8260MIX1COMB<br>00160 | 8260SURR250<br>00232 | 8FreonHi 00049 | 8FreonsSS 00050 | ACROLEIN SP<br>00142 | ACROLEIN W<br>00145 |
|-------------------------------|------------------|--------------|-------|-----------------------|----------------------|----------------|-----------------|----------------------|---------------------|
| BFB<br>460-871602/1           |                  | 624.1        |       |                       |                      |                |                 |                      |                     |
| STD7<br>460-871602/3 IC       |                  | 624.1        |       |                       | 1 uL                 |                |                 |                      |                     |
| STD1<br>460-871602/4 IC       |                  | 624.1        |       | 10 uL                 | 1 uL                 |                |                 |                      | 4 uL                |
| STD5<br>460-871602/5 IC       |                  | 624.1        |       | 10 uL                 | 1 uL                 |                |                 |                      | 4 uL                |
| STD20<br>460-871602/6<br>ICIS |                  | 624.1        |       | 20 uL                 | 1 uL                 |                |                 |                      | 4 uL                |
| STD50<br>460-871602/7 IC      |                  | 624.1        |       | 50 uL                 | 1 uL                 |                |                 |                      | 10 uL               |
| STD200<br>460-871602/8 IC     |                  | 624.1        |       |                       | 1 uL                 | 20 uL          |                 |                      | 20 uL               |
| STD500<br>460-871602/9 IC     |                  | 624.1        |       |                       | 1 uL                 | 50 uL          |                 |                      | 40 uL               |
| ICV<br>460-871602/16          |                  | 624.1        |       |                       | 1 uL                 |                | 20 uL           | 4 uL                 |                     |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

624.1

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## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.: \_\_\_\_\_

Batch Number: 871602 Batch Start Date: 10/12/22 22:40 Batch Analyst: Boykin, KennethBatch Method: 624.1 Batch End Date: \_\_\_\_\_

| Lab Sample ID                 | Client Sample ID | Method Chain | Basis | ACRY/EPIH MIX<br>00105 | BFB 00032 | Ethanol mix<br>00069 | GAS C SP 00483 | GAS Hi 00426 | GASES Li 00497 |
|-------------------------------|------------------|--------------|-------|------------------------|-----------|----------------------|----------------|--------------|----------------|
| BFB<br>460-871602/1           |                  | 624.1        |       |                        | 1 uL      |                      |                |              |                |
| STD7<br>460-871602/3 IC       |                  | 624.1        |       | 20 uL                  |           |                      |                |              | 2.5 uL         |
| STD1<br>460-871602/4 IC       |                  | 624.1        |       |                        |           |                      |                |              | 10 uL          |
| STD5<br>460-871602/5 IC       |                  | 624.1        |       |                        |           |                      |                |              | 10 uL          |
| STD20<br>460-871602/6<br>ICIS |                  | 624.1        |       |                        |           |                      |                |              | 20 uL          |
| STD50<br>460-871602/7 IC      |                  | 624.1        |       |                        |           |                      |                |              | 50 uL          |
| STD200<br>460-871602/8 IC     |                  | 624.1        |       |                        |           | 20 uL                |                | 20 uL        |                |
| STD500<br>460-871602/9 IC     |                  | 624.1        |       |                        |           | 50 uL                |                | 50 uL        |                |
| ICV<br>460-871602/16          |                  | 624.1        |       |                        |           |                      | 20 uL          |              |                |

| Lab Sample ID                 | Client Sample ID | Method Chain | Basis | MIX 2 Hi 00128 | MIX I Hi 00155 |  |  |  |  |
|-------------------------------|------------------|--------------|-------|----------------|----------------|--|--|--|--|
| BFB<br>460-871602/1           |                  | 624.1        |       |                |                |  |  |  |  |
| STD7<br>460-871602/3 IC       |                  | 624.1        |       |                |                |  |  |  |  |
| STD1<br>460-871602/4 IC       |                  | 624.1        |       |                |                |  |  |  |  |
| STD5<br>460-871602/5 IC       |                  | 624.1        |       |                |                |  |  |  |  |
| STD20<br>460-871602/6<br>ICIS |                  | 624.1        |       |                |                |  |  |  |  |
| STD50<br>460-871602/7 IC      |                  | 624.1        |       |                |                |  |  |  |  |
| STD200<br>460-871602/8 IC     |                  | 624.1        |       | 20 uL          | 20 uL          |  |  |  |  |
| STD500<br>460-871602/9 IC     |                  | 624.1        |       | 50 uL          | 50 uL          |  |  |  |  |
| ICV<br>460-871602/16          |                  | 624.1        |       |                |                |  |  |  |  |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.: \_\_\_\_\_

Batch Number: 871602 Batch Start Date: 10/12/22 22:40 Batch Analyst: Boykin, KennethBatch Method: 624.1 Batch End Date: \_\_\_\_\_

| Batch Notes |  |
|-------------|--|
|             |  |
|             |  |

| Basis | Basis Description |
|-------|-------------------|
|       |                   |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

624.1

## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.: \_\_\_\_\_

Batch Number: 875754 Batch Start Date: 11/03/22 07:37 Batch Analyst: Moroney, Christopher JBatch Method: 624.1 Batch End Date: \_\_\_\_\_

| Lab Sample ID         | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | Initial pH  | 524freon 00059 | 8260ISNEW 00171 | 8260MIX1COMB 00161 |
|-----------------------|------------------|--------------|-------|---------------|-------------|-------------|----------------|-----------------|--------------------|
| BFB<br>460-875754/1   |                  | 624.1        |       | 5 mL          | 5 mL        |             |                |                 |                    |
| CCVIS<br>460-875754/3 |                  | 624.1        |       | 5 mL          | 5 mL        |             | 20 uL          | 1 uL            | 20 uL              |
| LCS<br>460-875754/5   |                  | 624.1        |       | 5 mL          | 5 mL        |             | 20 uL          | 1 uL            | 20 uL              |
| MB 460-875754/8       |                  | 624.1        |       | 5 mL          | 5 mL        |             |                | 1 uL            |                    |
| 460-268503-B-1        | RW-6             | 624.1        | T     | 5 mL          | 5 mL        | <2 PH Units |                | 1 uL            |                    |
| 460-268503-B-1<br>MS  | RW-6             | 624.1        | T     | 5 mL          | 5 mL        | <2 PH Units | 20 uL          | 1 uL            | 20 uL              |
| 460-268503-B-1<br>MSD | RW-6             | 624.1        | T     | 5 mL          | 5 mL        | <2 PH Units | 20 uL          | 1 uL            | 20 uL              |
| 460-268503-B-7        | FB_ (20221028)   | 624.1        | T     | 5 mL          | 5 mL        | <2 PH Units |                | 1 uL            |                    |
| 460-268503-B-8        | TB_ (20221028)   | 624.1        | T     | 5 mL          | 5 mL        | <2 PH Units |                | 1 uL            |                    |
| 460-268503-B-4        | MW-9             | 624.1        | T     | 5 mL          | 5 mL        | <2 PH Units |                | 1 uL            |                    |
| 460-268503-B-5        | PZ-21            | 624.1        | T     | 5 mL          | 5 mL        | <2 PH Units |                | 1 uL            |                    |
| 460-268503-B-2        | RW-7             | 624.1        | T     | 5 mL          | 5 mL        | 7 PH Units  |                | 1 uL            |                    |
| 460-268503-B-3        | MW-2A            | 624.1        | T     | 5 mL          | 5 mL        | <2 PH Units |                | 1 uL            |                    |
| 460-268503-B-6        | BD_ (10282022)   | 624.1        | T     | 5 mL          | 5 mL        | <2 PH Units |                | 1 uL            |                    |

| Lab Sample ID         | Client Sample ID | Method Chain | Basis | 8260SURRE250 00233 | ACROLEIN W 00145 | BFB 00032 | GASES Li 00500 |  |  |
|-----------------------|------------------|--------------|-------|--------------------|------------------|-----------|----------------|--|--|
| BFB<br>460-875754/1   |                  | 624.1        |       |                    |                  | 1 uL      |                |  |  |
| CCVIS<br>460-875754/3 |                  | 624.1        |       | 1 uL               | 4 uL             |           | 20 uL          |  |  |
| LCS<br>460-875754/5   |                  | 624.1        |       | 1 uL               | 4 uL             |           | 20 uL          |  |  |
| MB 460-875754/8       |                  | 624.1        |       | 1 uL               |                  |           |                |  |  |
| 460-268503-B-1        | RW-6             | 624.1        | T     | 1 uL               |                  |           |                |  |  |
| 460-268503-B-1<br>MS  | RW-6             | 624.1        | T     | 1 uL               | 4 uL             |           | 20 uL          |  |  |
| 460-268503-B-1<br>MSD | RW-6             | 624.1        | T     | 1 uL               | 4 uL             |           | 20 uL          |  |  |
| 460-268503-B-7        | FB_ (20221028)   | 624.1        | T     | 1 uL               |                  |           |                |  |  |
| 460-268503-B-8        | TB_ (20221028)   | 624.1        | T     | 1 uL               |                  |           |                |  |  |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

624.1

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## GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.: \_\_\_\_\_

Batch Number: 875754 Batch Start Date: 11/03/22 07:37 Batch Analyst: Moroney, Christopher JBatch Method: 624.1 Batch End Date: \_\_\_\_\_

| Lab Sample ID  | Client Sample ID | Method Chain | Basis | 8260SURR250<br>00233 | ACROLEIN W<br>00145 | BFB 00032 | GASES Li 00500 |  |  |
|----------------|------------------|--------------|-------|----------------------|---------------------|-----------|----------------|--|--|
| 460-268503-B-4 | MW-9             | 624.1        | T     | 1 uL                 |                     |           |                |  |  |
| 460-268503-B-5 | PZ-21            | 624.1        | T     | 1 uL                 |                     |           |                |  |  |
| 460-268503-B-2 | RW-7             | 624.1        | T     | 1 uL                 |                     |           |                |  |  |
| 460-268503-B-3 | MW-2A            | 624.1        | T     | 1 uL                 |                     |           |                |  |  |
| 460-268503-B-6 | BD_(10282022)    | 624.1        | T     | 1 uL                 |                     |           |                |  |  |

| Batch Notes |  |
|-------------|--|
|             |  |
|             |  |

| Basis | Basis Description |
|-------|-------------------|
| T     | Total/NA          |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# Shipping and Receiving Documents

Edison, NJ 08817-2859  
phone 732.549.3900 fax 732.549.3679

Regulatory Program: ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

|                                  |  |                                  |  |                                    |  |                                            |  |                        |  |
|----------------------------------|--|----------------------------------|--|------------------------------------|--|--------------------------------------------|--|------------------------|--|
| Client Contact                   |  | Project Manager: Rebecca Hensel  |  | Site Contact: Janelle van Lieshout |  | Date: 10/28/2022                           |  | COC No:                |  |
| Your Company: Arcadis U.S., Inc. |  | Tel/Fax: 315.671.9156            |  | Lab Contact: Kristyn Tempe         |  | Carrier:                                   |  | Sampler:               |  |
| Address: 110 W. Fayette St.      |  | Analysis Turnaround Time         |  | Perform MS / MSD (Y / N)           |  | Volatile Organics - Xylenes (Method 624.1) |  | For Lab Use Only:      |  |
| City/State/Zip: Syracuse, NY     |  | CALENDAR DAYS                    |  | Matrix                             |  | Filtered Sample (Y / N)                    |  | Walk-in Client:        |  |
| (315) 671-9296                   |  | TAT if different from Below      |  | Sample Type (C=Comp, G=Grab)       |  | # of Cont.                                 |  | Lab Sampling:          |  |
| (xxx) xxx-xxxx                   |  | <input type="checkbox"/> 2 weeks |  | Sample Date                        |  | Sample Time                                |  | Job / SDG No.:         |  |
| Project Name: SMC Maestri Site   |  | <input type="checkbox"/> 1 week  |  | 10/28/22                           |  | 13:40                                      |  | Sample Specific Notes: |  |
| Site: Geddes, NY 13209           |  | <input type="checkbox"/> 2 days  |  | 10/28/22                           |  | 12:10                                      |  |                        |  |
| P O # 30120984                   |  | <input type="checkbox"/> 1 day   |  | 10/28/22                           |  | 11:15                                      |  |                        |  |
| Sample Identification            |  | Sample Date                      |  | Sample Time                        |  | Matrix                                     |  |                        |  |
| RW-6                             |  | 10/28/22                         |  | 13:40                              |  | Water                                      |  | 3                      |  |
| RW-7                             |  | 10/28/22                         |  | 12:10                              |  | Water                                      |  | 3                      |  |
| MW-2A                            |  | 10/28/22                         |  | 11:15                              |  | Water                                      |  | 3                      |  |
| MW-9                             |  | 10/28/22                         |  | 13:00                              |  | Water                                      |  | 3                      |  |
| PZ-20                            |  | 10/28/22                         |  | 14:00                              |  | Water                                      |  | 3                      |  |
| PZ-21                            |  | 10/28/22                         |  | 15:30                              |  | Water                                      |  | 3                      |  |
| BD (10282022)                    |  | 10/28/22                         |  |                                    |  | Water                                      |  | 3                      |  |
| FB (20221028)                    |  | 10/28/22                         |  |                                    |  | Water                                      |  | 3                      |  |
| FB (20221028)                    |  | 10/28/22                         |  |                                    |  | Water                                      |  | 3                      |  |
| TB (20221028)                    |  | 10/28/22                         |  |                                    |  | Water                                      |  | 3                      |  |
| TB (20221028)                    |  | 10/28/22                         |  |                                    |  | Water                                      |  | 3                      |  |
| MS   MSD                         |  | 10/28/22                         |  | 13:40                              |  | Water                                      |  | 6                      |  |

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Irritant ☐ Unknown

☐ Return to Client ☐ Disposal by Lab ☐ Archive for \_\_\_\_\_ Months

Special Instructions/QC Requirements & Comments:

|                                                |                         |                                   |                         |
|------------------------------------------------|-------------------------|-----------------------------------|-------------------------|
| Custody Seals Intact: <input type="checkbox"/> | Custody Seal No.:       | Cooler Temp. (°C): Obs'd: 25      | Therm ID No.:           |
| Relinquished by: <i>Matthew Bultrona</i>       | Company: <i>ARCADIS</i> | Received by: <i>Kristyn Tempe</i> | Company: <i>S&amp;B</i> |
| Relinquished by: <i>Matthew Bultrona</i>       | Company: <i>S&amp;B</i> | Received by: <i>Kristyn Tempe</i> | Company: <i>S&amp;B</i> |
| Relinquished by: <i>Matthew Bultrona</i>       | Company: <i>S&amp;B</i> | Received by: <i>Kristyn Tempe</i> | Company: <i>S&amp;B</i> |

Job Number:

268503

### Number of Coolers:

IR Gun #

## Cooler Temperatures

| CORRECTED  |       | RAW        |    |
|------------|-------|------------|----|
| Cooler #1: | 25 °C | Cooler #4: | °C |
| Cooler #2: | °C    | Cooler #5: | °C |
| Cooler #3: | °C    | Cooler #6: | °C |

| CORRECTED  |    | RAW        |    |
|------------|----|------------|----|
| Cooler #7: | °C | Cooler #4: | °C |
| Cooler #8: | °C | Cooler #5: | °C |
| Cooler #9: | °C | Cooler #6: | °C |

[illegible]

**If pH adjustments are required record the information below:**

Sample No(s). adjusted:

Preservative Name/Conc.:

Volume of Preservative used (ml):

Lot # of Preservative(s):

Expiration Date:

*The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.*

- \* *Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

**Initials:**

Date:

10/29/22

## Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 460-268503-1

Login Number: 268503

List Source: Eurofins Edison

List Number: 1

Creator: Thundathorn, Sukanan 1

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | N/A    |         |
| The cooler's custody seal, if present, is intact.                                        | True   |         |
| Sample custody seals, if present, are intact.                                            | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |         |
| Samples were received on ice.                                                            | True   |         |
| Cooler Temperature is acceptable.                                                        | True   |         |
| Cooler Temperature is recorded.                                                          | True   |         |
| COC is present.                                                                          | True   |         |
| COC is filled out in ink and legible.                                                    | True   |         |
| COC is filled out with all pertinent information.                                        | True   |         |
| Is the Field Sampler's name present on COC?                                              | True   |         |
| There are no discrepancies between the containers received and the COC.                  | True   |         |
| Samples are received within Holding Time (excluding tests with immediate HTs)            | True   |         |
| Sample containers have legible labels.                                                   | True   |         |
| Containers are not broken or leaking.                                                    | True   |         |
| Sample collection date/times are provided.                                               | True   |         |
| Appropriate sample containers are used.                                                  | True   |         |
| Sample bottles are completely filled.                                                    | True   |         |
| Sample Preservation Verified.                                                            | True   |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |         |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | True   |         |
| Multiphasic samples are not present.                                                     | True   |         |
| Samples do not require splitting or compositing.                                         | True   |         |
| Residual Chlorine Checked.                                                               | N/A    |         |

## Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 460-268503-1

Login Number: 268503

List Source: Eurofins Edison

List Number: 2

Creator: Thundathorn, Sukanan 1

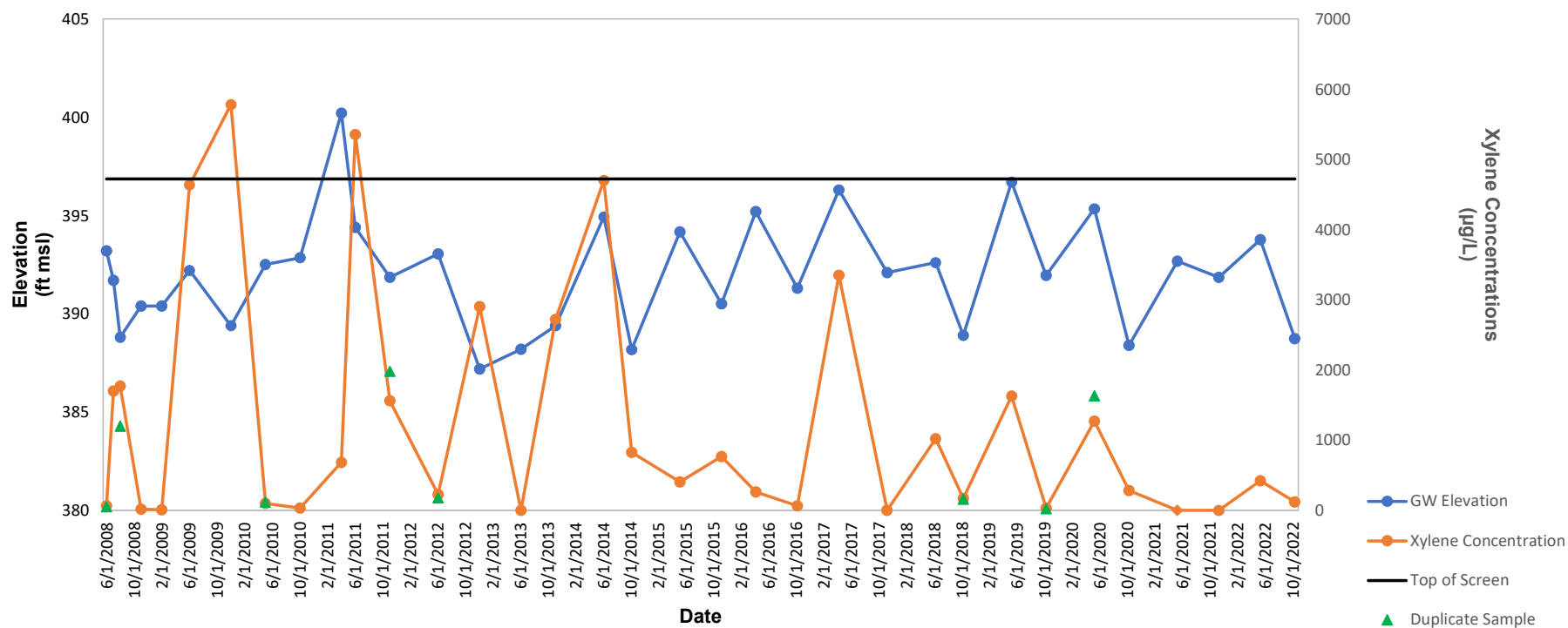
| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | N/A    |         |
| The cooler's custody seal, if present, is intact.                                        | True   |         |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |         |
| Samples were received on ice.                                                            | True   |         |
| Cooler Temperature is acceptable.                                                        | True   |         |
| Cooler Temperature is recorded.                                                          | True   |         |
| COC is present.                                                                          | True   |         |
| COC is filled out in ink and legible.                                                    | True   |         |
| COC is filled out with all pertinent information.                                        | True   |         |
| Is the Field Sampler's name present on COC?                                              | True   |         |
| There are no discrepancies between the sample IDs on the containers and the COC.         | True   |         |
| Samples are received within Holding Time.                                                | True   |         |
| Sample containers have legible labels.                                                   | True   |         |
| Containers are not broken or leaking.                                                    | True   |         |
| Sample collection date/times are provided.                                               | True   |         |
| Appropriate sample containers are used.                                                  | True   |         |
| Sample bottles are completely filled.                                                    | True   |         |
| Sample Preservation Verified                                                             | True   |         |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs         | True   |         |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | True   |         |
| If necessary, staff have been informed of any short hold time or quick TAT needs         | True   |         |
| Multiphasic samples are not present.                                                     | True   |         |
| Samples do not require splitting or compositing.                                         | N/A    |         |



# Appendix G

## Historic Well Xylene Concentrations and Water Table Elevations

## MW-2A



### Notes:

Monitoring well MW-2A was formerly known as RW-2 in 2006

The Site Specific Cleanup Goal for Total Xylene is 5 µg/L

ft msl = feet mean sea level

STAUFFER MANAGEMENT COMPANY  
MAESTRI SITE  
904 STATE FAIR BOULEVARD, GEDDES, NEW YORK

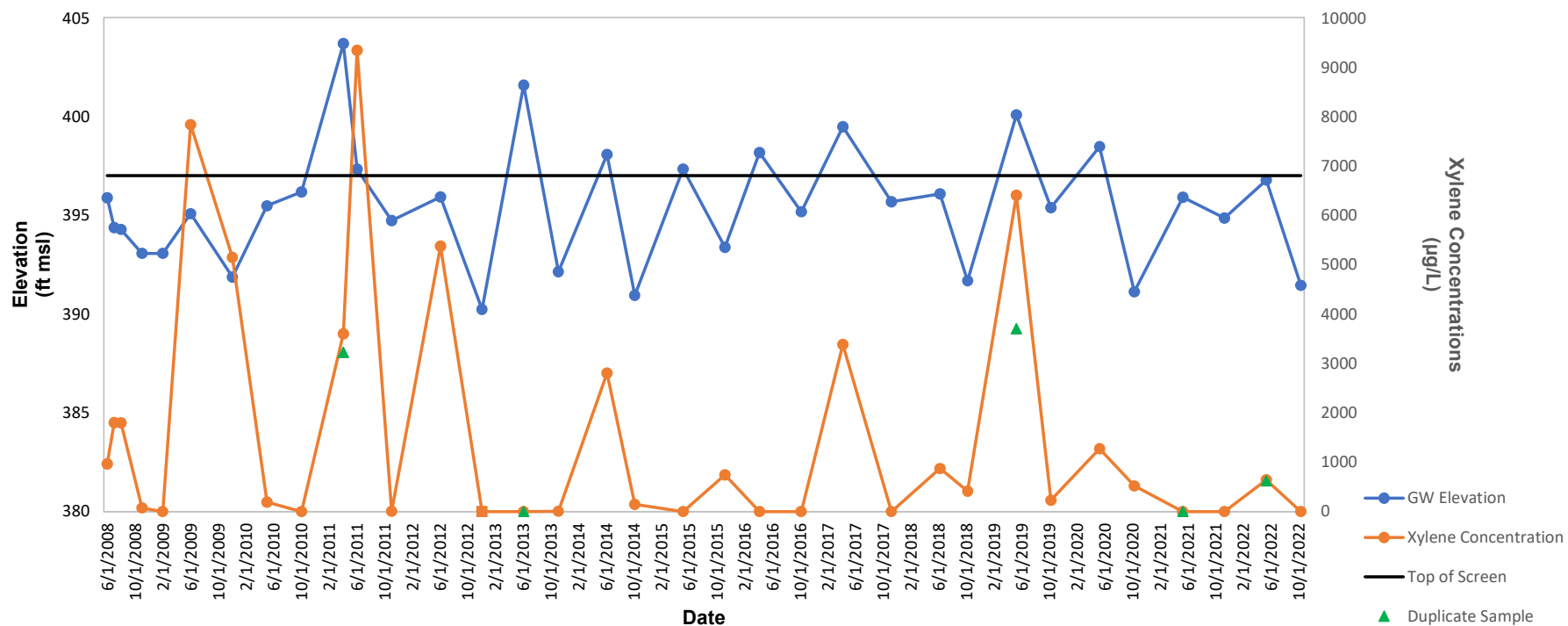
### TOTAL XYLENE AND GROUNDWATER ELEVATION TREND GRAPH



APPENDIX

G-1

## MW-9



### Notes:

Monitoring well MW-9 was not sampled in December 2012 due to it being dry

The Site Specific Cleanup Goal for Total Xylene is 5 µg/L

ft msl = feet mean sea level

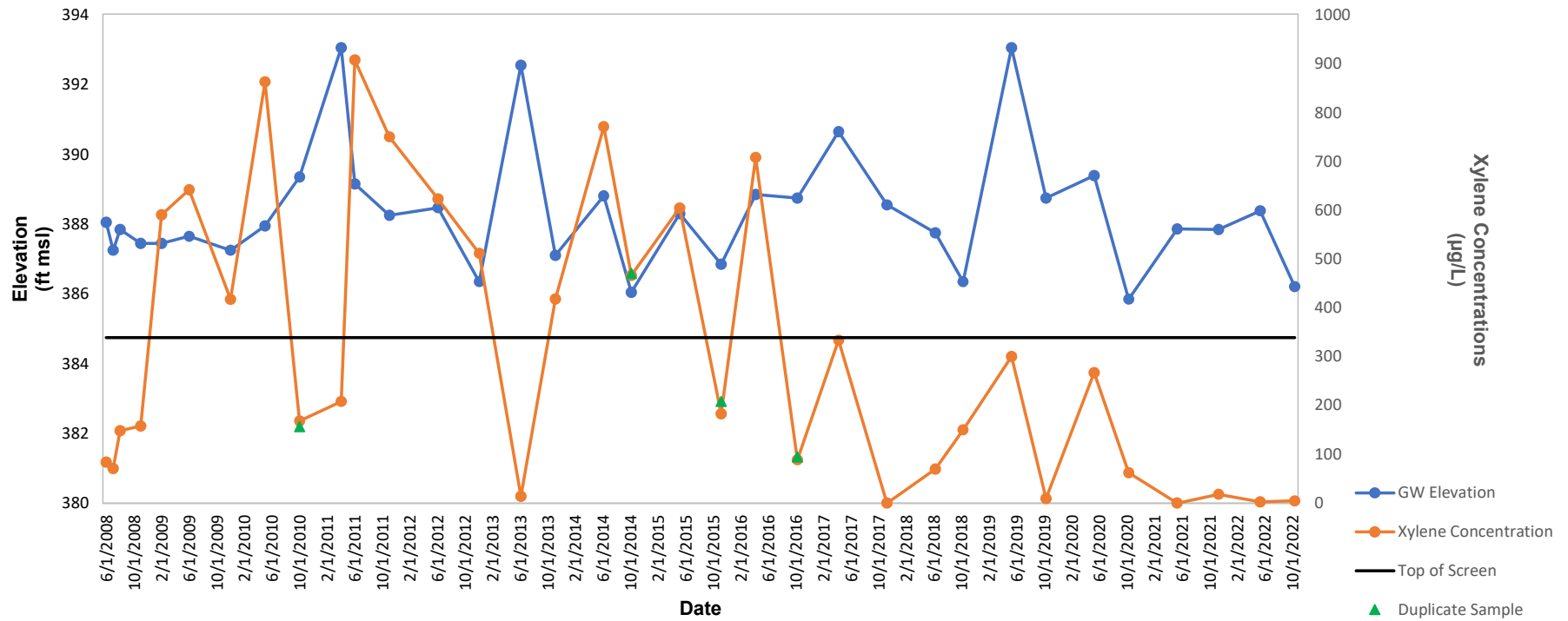
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### TOTAL XYLENE AND GROUNDWATER ELEVATION TREND GRAPH



APPENDIX  
**G-2**

## RW-6



### Notes:

The Site Specific Cleanup Goal for Total Xylene is 5 µg/L

ft msl = feet mean sea level

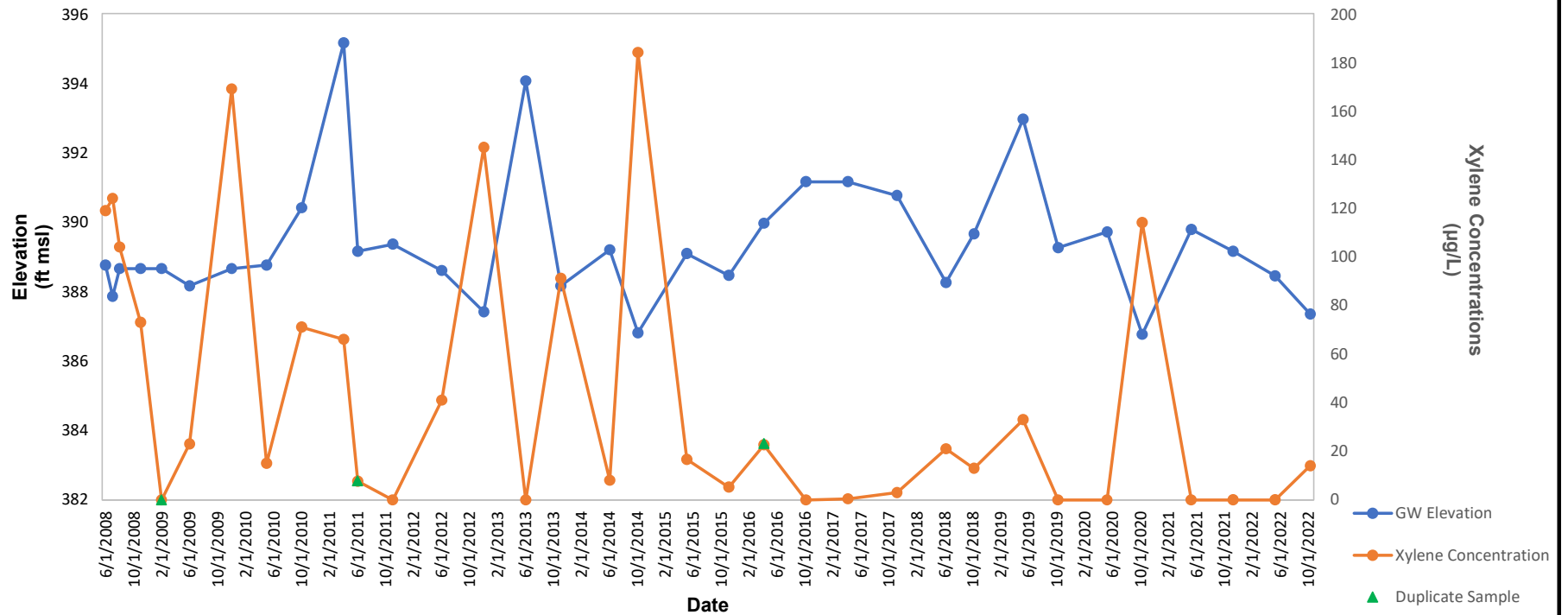
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### TOTAL XYLENE AND GROUNDWATER ELEVATION TREND GRAPH



APPENDIX  
**G-3**

## RW-7



### Notes:

The Site Specific Cleanup Goal for Total Xylene is 5 µg/L

ft msl = feet mean sea level

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### TOTAL XYLENE AND GROUNDWATER ELEVATION TREND GRAPH



APPENDIX

G-4

# Appendix H

## 2022 Low-Flow Sampling Logs

# AstraZeneca - Maestri Site Gauging Log

Date: 5/24/2022

Project Number: #####

Task: 01

Complete By: JTG

## Maestri Site Groundwater Monitoring

| Well I.D.                        | Time        | Depth to Water (BTIC) | Depth to Product | Depth to Bottom | Notes                  |
|----------------------------------|-------------|-----------------------|------------------|-----------------|------------------------|
| Monitoring Wells and Piezometers |             |                       |                  |                 |                        |
| MW-9                             | 1025        | 12.09                 | —                | 18.79           | HB                     |
| MW-10                            | 0929        | 8.23                  | —                | 20.64           | FB                     |
| MW-14                            | 0932        | 15.90                 | —                | 47.53           | Calculated MW-13<br>SB |
| PZ-2                             | 1011        | 11.38                 | —                | 20.37           | SB                     |
| PZ-3                             | 1044        | 11.45                 | —                | 22.73           | SB                     |
| PZ-5                             | 1213        | 5.47                  | —                | 18.95           | SB                     |
| PZ-6                             | 1048        | 11.40                 | —                | 22.28           | SB                     |
| PZ-7                             | 1041<br>116 | 11.68                 | —                | 25.08 #         | SB                     |
| PZ-9                             | 1033        | 11.24                 | —                | 22.58 #         | FB                     |
| PZ-10                            | 1030        | 10.47                 | —                | 21.57           | SB                     |
| PZ-12                            | 1238        | 13.11                 | —                | 21.62 #         | SB                     |
| PZ-13                            | 1020        | 12.64                 | —                | 20.64           | Calculated MW-18<br>SB |
| PZ-14                            | 1008        | 11.58                 | —                | 24.23           | SB                     |
| PZ-15                            | 1006        | 17.30                 | —                | 23.48           | SB                     |
| PZ-18                            | 0949        | 17.75                 | —                | 24.55           | SB                     |
| PZ-19                            | 1000        | 17.51                 | —                | 22.70 #         | SB                     |
| PZ-20                            | 1203        | 5.57                  | —                | 19.71 #         | SB                     |
| PZ-21                            | 1200        | 2.24                  | —                | 18.77           | SB                     |
| MW-2A<br>(formerly<br>RW-2)      | 1027        | 12.63                 | —                | 23.03 #         | SB                     |
| RW-3                             | 0939        | 18.40                 | —                | 27.43           | SB                     |
| RW-5                             | 1036        | 11.00                 | —                | 25.94 #         | SB                     |
| RW-6                             | 1215        | 5.27                  | —                | 19.08           | SB                     |





## ARCADIS

Page 1 of 1

## Maestri Site Semi-Annual Event

Well ID: MW-2AProject Number: 30120984Task: 01Date: 5/24/22Well Headspace PID: —Sampling Time: 1500Sampled By: JTBWeather: 78°F SunnyCoded Replicate No.: —Replicate Type (circle one): ~~Duplicate~~ MS/MSD

## Instrument Identification

Serial #: 50077 PID: — Water Quality Meter(s) YSI ProDSS

## Purging Information

Casing Material: SteelPurge Method: (circle one) Submersible Centrifugal BladderCasing Diameter: 8" inScreen Interval: From: 386.86 To: 396.86Total Depth: 23.03 ftPump Intake Setting: 390 (16.50')Depth to Product: — ftDepth to Water: 12.63 ftTotal Volume Purged: 27 gal.Water Column: 16.40 ftPump on: 1343 Off: 1458 (14)Gallons in Well: 27.15 gal

## Field Parameter Measurements Taken During Purging

| Time                | Minutes Elapsed | Rate (ml/min) | Depth to Water | Turbidity (NTUs) | pH (SI Units) | ORP (mV) | Conductivity (MS/cm)3 | Temp (°C) | DO (mg/L) | TDS (mg/L) | Comments     |
|---------------------|-----------------|---------------|----------------|------------------|---------------|----------|-----------------------|-----------|-----------|------------|--------------|
| Stabilization Range |                 |               | <0.3 ft        | 10% if >1        | +/- 0.1       | +/- 10   | 3%                    | 3%        | 10%       |            |              |
| 1345                | 0               | 1600          | 12.68          | 2.32             | 7.52          | -80.7    | 1.554                 | 9.2       | 0.85      | —          | 0            |
| 1350                | 5               | 1660          | 12.77          | 2.62             | 7.48          | -100.8   | 1.494                 | 9.1       | 0.54      | —          | 2.1-4.2 (14) |
| 1355                | 10              | 2200          | 12.95          | 2.71             | 7.40          | -102.0   | 1.468                 | 9.0       | 0.45      | —          | 9.2g         |
| 1400                | 15              | 2200          | 13.13          | 2.38             | 7.37          | -102.3   | 1.468                 | 9.1       | 0.43      | —          | 7.1g         |
| 1405                | 20              | 2200          | 13.30          | 2.19             | 7.38          | -104.6   | 1.472                 | 9.0       | 0.40      | —          | 10g          |
| 1410                | 25              | 2200          | 13.41          | 1.93             | 7.39          | -105.9   | 1.476                 | 9.0       | 0.38      | —          | 12.9         |
| 1415                | 30              | 2200          | 13.54          | 1.92             | 7.40          | -107.6   | 1.486                 | 9.1       | 0.38      | —          | 15.8         |
| 1420                | 35              | 2200          | 13.67          | 1.92             | 7.41          | -107.9   | 1.492                 | 9.0       | 0.38      | —          | 18.7         |
| 1425                | 40              | 2200          | 13.79          | 1.85             | 7.40          | -108.7   | 1.503                 | 9.0       | 0.37      | —          | 21.6         |
| 1430                | 45              | 2200          | 13.88          | 2.30             | 7.42          | -98.9    | 1.487                 | 9.1       | 0.38      | —          | 24.5         |
| 1435                | 50              | 400           | 13.91          | 1.95             | 7.39          | -105.9   | 1.479                 | 10.3      | 0.38      | —          | 25.0         |
| 1440                | 55              | 400           | 13.95          | 2.28             | 7.39          | -108.4   | 1.477                 | 9.5       | 0.36      | —          | 25.5         |
| 1445                | 60              | 400           | 13.96          | 2.58             | 7.39          | -108.7   | 1.482                 | 9.5       | 0.35      | —          | 26.0         |
| 1450                | 65              | 400           | 13.96          | 2.51             | 7.40          | -110.4   | 1.484                 | 9.4       | 0.35      | —          | 26.5         |
| 1455                | 70              | 400           | 13.97          | 2.44             | 7.40          | -111.3   | 1.491                 | 9.5       | 0.35      | —          | 27.0         |

| Number and Type of Bottle | Analytical Parameter | Preservative | Collected  |
|---------------------------|----------------------|--------------|------------|
| 3 - 40 mL Glass Vial      | VOCs - Xylenes       | HCL          | MS/MSD YES |
|                           |                      |              |            |
|                           |                      |              |            |
|                           |                      |              |            |
|                           |                      |              |            |

Color: Clear  
Odor: NoneWell Condition: Good  
Purge Water Disposal: 55 gal. Drum

## ARCADIS

Page 1 of 1

## Maestri Site Semi-Annual Event

Well ID: RW-3Project Number: 30120984Task: 01Date: 5/24/22Well Headspace PID: RW-3Sampling Time: 1817Sampled By: JTBWeather: 73°F Sun / cloudsCoded Replicate No.: —Replicate Type (circle one): Duplicate ~~MS/MSD~~

## Instrument Identification

Serial #: 50077 PID — Water Quality Meter(s) YSI Pro DSS

## Purging Information

Casing Material: SteelPurge Method: (circle one) Submersible ~~Centrifugal~~ ~~Bladder~~Casing Diameter: 6" inScreen Interval: From: 15.03 To: 25.03Total Depth: 27.43 ftPump Intake Setting: 22.00Depth to Product: — ftDepth to Water: 18.40 ftTotal Volume Purged: 13.5 gal.Water Column: 9.07 ftPump on: 17.07 Off: 1816Gallons in Well: 13.26 gal

## Field Parameter Measurements Taken During Purging

| Time                | Minutes Elapsed | Rate (ml/min) | Depth to Water | Turbidity (NTUs) | pH (SI Units) | ORP (mV) | Conductivity (MS/cm <sup>3</sup> ) | Temp (°C) | DO (mg/L) | TDS (mg/L) | Comments |
|---------------------|-----------------|---------------|----------------|------------------|---------------|----------|------------------------------------|-----------|-----------|------------|----------|
| Stabilization Range |                 |               | <0.3 ft.       | 10% if >1        | +/- 0.1       | +/- 10   | 3%                                 | 3%        | 10%       |            |          |
| 1710                | 0               | 1500          | 19.54          | 34.90            | 7.12          | 6.2      | 2.080                              | 9.7       | 0.92      | —          | 0        |
| 1715                | 5               | 1500          | 20.43          | 16.54            | 7.09          | -5.2     | 2.060                              | 9.7       | 0.56      | —          | 1.95 gal |
| 1720                | 10              | 900           | 20.85          | 3.00             | 7.03          | -14.5    | 1.961                              | 9.8       | 0.44      | —          | 5.85 gal |
| 1725                | 15              | 600           | 21.20          | 2.56             | 7.03          | -19.0    | 1.851                              | 9.9       | 0.48      | —          | 7.00 gal |
| 1730                | 20              | 600           | 21.12          | 2.74             | 7.04          | -22.3    | 1.832                              | 10.1      | 0.48      | —          | 7.75     |
| 1735                | 25              | 600           | 21.00          | 2.80             | 7.04          | -27.1    | 1.901                              | 10.2      | 0.44      | —          | 8.5      |
| 1740                | 30              | 600           | 21.82          | 2.47             | 7.04          | -32.4    | 1.660                              | 10.1      | 0.43      | —          | 9.25     |
| 1745                | 35              | 600           | 21.41          | 2.51             | 7.07          | -35.9    | 1.141                              | 10.0      | 0.45      | —          | 10       |
| 1750                | 40              | 600           | 21.60          | 2.48             | 7.10          | -35.7    | 1.577                              | 10.1      | 0.49      | —          | 10.75    |
| 1755                | 45              | 400           | 21.68          | 3.98             | 7.06          | -32.3    | 1.837                              | 10.2      | 0.81      | —          | 11.50    |
| 1800                | 50              | 400           | 21.65          | 3.19             | 7.07          | -42.8    | 1.947                              | 10.3      | 0.44      | —          | 12.225   |
| 1805                | 55              | 400           | 21.71          | 3.03             | 7.07          | -42.7    | 1.705                              | 10.2      | 0.52      | —          | 12.53    |
| 1810                | 60              | 400           | 21.69          | 3.04             | 7.09          | -42.1    | 1.882                              | 10.2      | 0.50      | —          | 13       |
| 1815                | 65              | 400           | 21.68          | 3.00             | 7.11          | -39.9    | 1.667                              | 10.3      | 0.54      | —          | 13.5     |
|                     | 70              |               |                |                  |               |          |                                    |           |           |            |          |

| Number and Type of Bottle | Analytical Parameter | Preservative | Collected |
|---------------------------|----------------------|--------------|-----------|
| 3 - 40 mL Glass Vial      | VOCs - Xylenes       | HCL          | Yes       |
|                           |                      |              |           |
|                           |                      |              |           |
|                           |                      |              |           |
|                           |                      |              |           |

Color: ClearWell Condition: GoodOdor: NonePurge Water Disposal: 55 gal. Drum

## ARCADIS

## Maestri Site Semi-Annual Event

Page 1 of 1Well ID: RW-8Project Number: 30120984Task: 01Date: 5/25/22Well Headspace PID: —Sampling Time: 0852Sampled By: JTBWeather: 60°F SunnyCoded Replicate No.: —Replicate Type (circle one): ~~Duplicate~~ MS/MSD

## Instrument Identification

Serial #: 50077 PID — Water Quality Meter(s) YSI Pro PSS

## Purging Information

Casing Material: SteelPurge Method: (circle one) Submersible Centrifugal BladderCasing Diameter: 6" inScreen Interval: From: — To: —Total Depth: 25.82 ftPump Intake Setting: 22.00Depth to Product: — ftDepth to Water: 12.45 ftTotal Volume Purged: 21 gal.Water Column: 13.37 ftPump on: 0749 Off: 0851Gallons in Well: 19.64 gal

## Field Parameter Measurements Taken During Purging

| Time                | Minutes Elapsed | Rate (ml/min) | Depth to Water | Turbidity (NTUs) | pH (SI Units) | ORP (mV) | Conductivity (MS/cm)3 | Temp (°C) | DO (mg/L) | TDS (mg/L) | Comments |
|---------------------|-----------------|---------------|----------------|------------------|---------------|----------|-----------------------|-----------|-----------|------------|----------|
| Stabilization Range |                 |               | <0.3 ft.       | 10% if >1        | +/- 0.1       | +/- 10   | 3%                    | 3%        | 10%       |            |          |
| 0750                | 0               | 2200          | 13.28          | 33.98            | 6.68          | 35.1     | 0.957                 | 8.6       | 0.91      | —          | 0        |
| 0755                | 5               | 2200          | 14.43          | 54.80            | 6.71          | 7.6      | 0.956                 | 8.7       | 0.63      | —          | 2.9      |
| 0800                | 10              | 1800          | 14.66          | 49.7             | 6.73          | -8.6     | 0.957                 | 8.7       | 0.57      | —          | 5.8      |
| 0805                | 15              | 1800          | 14.92          | 54.68            | 6.75          | -22.5    | 0.956                 | 8.7       | 0.58      | —          | 8.15     |
| 0810                | 20              | 1800          | 15.31          | 59.78            | 6.75          | -29.7    | 0.955                 | 8.7       | 0.60      | —          | 10.5     |
| 0815                | 25              | 1800          | 15.67          | 65.5             | 6.76          | -35.8    | 0.953                 | 8.7       | 0.67      | —          | 12.85    |
| 0820                | 30              | 1800          | 16.00          | 69.3             | 6.77          | -39.8    | 0.954                 | 8.7       | 0.65      | —          | 15.20    |
| 0825                | 35              | 1800          | 16.34          | 74.7             | 6.88          | -42.5    | 0.954                 | 8.7       | 1.05      | —          | 17.55    |
| 0830                | 40              | 1000          | 16.39          | 81.4             | 6.87          | -42.9    | 0.952                 | 8.8       | 0.90      | —          | 18.80    |
| 0835                | 45              | 450           | 15.93          | 52.7             | 6.85          | -46.8    | 0.955                 | 9.1       | 0.72      | —          | 19.35    |
| 0840                | 50              | 450           | 15.79          | 31.4             | 6.86          | -47.6    | 0.955                 | 9.1       | 0.78      | —          | 19.90    |
| 0845                | 55              | 450           | 15.64          | 29.5             | 6.86          | -49.2    | 0.954                 | 9.2       | 0.74      | —          | 20.45    |
| 0850                | 60              | 450           | 15.51          | 26.8             | 6.85          | -50.6    | 0.954                 | 9.2       | 0.72      | —          | 21.00    |
|                     | 65              |               |                |                  |               |          |                       |           |           |            |          |
|                     | 70              |               |                |                  |               |          |                       |           |           |            |          |

| Number and Type of Bottle | Analytical Parameter | Preservative | Collected |
|---------------------------|----------------------|--------------|-----------|
| 3 - 40 mL Glass Vial      | VOCs - Xylenes       | HCL          | Yes       |
|                           |                      |              |           |
|                           |                      |              |           |
|                           |                      |              |           |
|                           |                      |              |           |

Color: clearOdor: NoneWell Condition: GoodPurge Water Disposal: 55 gal. Drum

## ARCADIS

## Maestri Site Semi-Annual Event

Page 1 of 1Well ID: PZ-21Project Number: 30120984Task: 01Date: 5/25/22Well Headspace PID: —Sampling Time: 1108Sampled By: JTBWeather: 71°F Mostly CloudyCoded Replicate No.: —Replicate Type (circle one): ~~Duplicate~~ MS/MSD

## Instrument Identification

Serial #: 50077 PID — Water Quality Meter(s) YSI DSS-Pro

## Purging Information

Casing Material: PVCPurge Method: (circle one) Submersible Centrifugal BladderCasing Diameter: 2" inScreen Interval: From: 9.3 To: 19.3Total Depth: 18.77 ftPump Intake Setting: 14.00Depth to Product: — ftDepth to Water: 2.19 ftTotal Volume Purged: 4.15Water Column: 16.58 ftPump on: 1029 Off: 1106Gallons in Well: 2.70 gal

## Field Parameter Measurements Taken During Purging

| Time                      | Minutes Elapsed | Rate (ml/min) | Depth to Water       | Turbidity (NTUs) | pH (SI Units) | ORP (mV)     | Conductivity (MS/cm3) | Temp (°C) | DO (mg/L) | TDS (mg/L) | Comments |
|---------------------------|-----------------|---------------|----------------------|------------------|---------------|--------------|-----------------------|-----------|-----------|------------|----------|
| Stabilization Range       |                 |               | <0.3 ft              | 10% if >1        | +/- 0.1       | +/- 10       | 3%                    | 3%        | 10%       |            |          |
| 1030                      | 0               | 700           | 2.52                 | 401.7            | 7.27          | -103.4       | 1.072                 | 12.1      | 1.95      | —          | 0        |
| 1035                      | 5               | 700           | 2.70                 | 179.3            | 7.15          | -120.3       | 1.049                 | 11.2      | 0.65      | —          | 0.9      |
| 1040                      | 10              | 600           | 2.68                 | 38.17            | 7.14          | -126.6       | 1.061                 | 11.1      | 0.50      | —          | 1.65     |
| 1045                      | 15              | 400           | 2.65                 | 17.11            | 7.15          | -130.0       | 1.065                 | 11.1      | 0.45      | —          | 2.15     |
| 1050                      | 20              | 400           | 2.67                 | 13.00            | 7.14          | -131.1       | 1.064                 | 11.1      | 0.41      | —          | 2.65     |
| 1055                      | 25              | 400           | 2.68                 | 11.03            | 7.14          | -133.3       | 1.067                 | 11.1      | 0.39      | —          | 3.15     |
| 1100                      | 30              | 400           | 2.68                 | 10.92            | 7.13          | -133.5       | 1.061                 | 11.1      | 0.37      | —          | 3.65     |
| 1105                      | 35              | 400           | 2.67                 | 10.74            | 7.13          | -133.7       | 1.060                 | 11.1      | 0.37      | —          | 4.15     |
|                           | 40              |               |                      |                  |               |              |                       |           |           |            |          |
|                           | 45              |               |                      |                  |               |              |                       |           |           |            |          |
|                           | 50              |               |                      |                  |               |              |                       |           |           |            |          |
|                           | 55              |               |                      |                  |               |              |                       |           |           |            |          |
|                           | 60              |               |                      |                  |               |              |                       |           |           |            |          |
|                           | 65              |               |                      |                  |               |              |                       |           |           |            |          |
|                           | 70              |               |                      |                  |               |              |                       |           |           |            |          |
| Number and Type of Bottle |                 |               | Analytical Parameter |                  |               | Preservative |                       |           | Collected |            |          |
| 3 - 40 mL Glass Vial      |                 |               | VOCs - Xylenes       |                  |               | HCL          |                       |           | yes       |            |          |
|                           |                 |               |                      |                  |               |              |                       |           |           |            |          |
|                           |                 |               |                      |                  |               |              |                       |           |           |            |          |
|                           |                 |               |                      |                  |               |              |                       |           |           |            |          |

Color: Clear  
Odor: NoneWell Condition: Good  
Purge Water Disposal: 55 gal. Drum



## ARCADIS

## Maestri Site Semi-Annual Event

Page 1 of 1Well ID: PZ-20Project Number: 30120984Task: 01Date: 5/25/22Well Headspace PID: —Sampling Time: 1343Sampled By: JTBWeather: 74°F CloudyCoded Replicate No.: —Replicate Type (circle one): Duplicate ~~MO/MOD~~

## Instrument Identification

Serial #: 50877 PID: — Water Quality Meter(s): VSI DSS PM2

## Purging Information

Casing Material: PVC

Purge Method: (circle one) Submersible Centrifugal Bladder

Casing Diameter: 2" inScreen Interval: From: 10.0 To: 20.0Total Depth: 19.71 ftPump Intake Setting: 15.0Depth to Product: — ftDepth to Water: 5.54 ftTotal Volume Purged: 2.95Water Column: 14.17 ftPump on: 1243 Off: 1342Gallons in Well: 2.3 ~~14.17~~ gal

## Field Parameter Measurements Taken During Purging

| Time                | Minutes Elapsed | Rate (ml/min) | Depth to Water | Turbidity (NTUs) | pH (SI Units) | ORP (mV) | Conductivity (MS/cm)3 | Temp (°C) | DO (mg/L) | TDS (mg/L) | Comments             |
|---------------------|-----------------|---------------|----------------|------------------|---------------|----------|-----------------------|-----------|-----------|------------|----------------------|
| Stabilization Range |                 |               | <0.3 ft.       | 10% if >1        | +/- 0.1       | +/- 10   | 3%                    | 3%        | 10%       |            |                      |
| 1245                | 0               | 300           | 6.89           | 15.34            | 7.12          | -120.1   | 1.536                 | 12.9      | 0.99      | —          | 0                    |
| 1250                | 5               | 300           | 7.95           | 18.07            | 7.06          | -138.9   | 1.521                 | 13.3      | 0.54      | —          | 0.35                 |
| 1255                | 10              | 210           | 7.88           | 14.34            | 7.06          | -152.0   | 1.521                 | 14.8      | 0.48      | —          | 0.70                 |
| 1300                | 15              | 210           | 7.89           | 14.88            | 7.07          | -157.1   | 1.525                 | 12.8      | 0.40      | —          | 0.80 <del>0.80</del> |
| 1305                | 20              | 210           | 7.89           | 14.34            | 7.07          | -166.7   | 1.498                 | 12.7      | 0.39      | —          | 1.20                 |
| 1310                | 25              | 210           | 7.89           | 12.21            | 7.08          | -167.8   | 1.497                 | 12.7      | 0.41      | —          | 1.45                 |
| 1315                | 30              | 210           | 7.88           | 9.90             | 7.08          | -168.2   | 1.483                 | 12.8      | 0.41      | —          | 1.70                 |
| 1320                | 35              | 210           | 7.88           | 6.25             | 7.07          | -167.5   | 1.468                 | 12.8      | 0.40      | —          | 1.95                 |
| 1325                | 40              | 210           | 7.89           | 3.87             | 7.07          | -166.9   | 1.437                 | 12.9      | 0.36      | —          | 2.20                 |
| 1330                | 45              | 210           | 7.89           | 2.79             | 7.07          | -165.7   | 1.420                 | 12.9      | 0.34      | —          | 2.45                 |
| 1335                | 50              | 210           | 7.88           | 2.71             | 7.07          | -164.2   | 1.411                 | 12.9      | 0.33      | —          | 2.70                 |
| 1340                | 55              | 210           | 7.88           | 2.60             | 7.07          | -162.7   | 1.401                 | 12.9      | 0.33      | —          | 2.95                 |
|                     | 60              |               |                |                  |               |          |                       |           |           |            |                      |
|                     | 65              |               |                |                  |               |          |                       |           |           |            |                      |
|                     | 70              |               |                |                  |               |          |                       |           |           |            |                      |

| Number and Type of Bottle | Analytical Parameter | Preservative | Collected |
|---------------------------|----------------------|--------------|-----------|
| 3 - 40 mL Glass Vial      | VOCs - Xylenes       | HCL          | yes       |
|                           |                      |              |           |
|                           |                      |              |           |
|                           |                      |              |           |
|                           |                      |              |           |

Color: Clear  
Odor: NoneWell Condition: Good  
Purge Water Disposal: 55 gal. Drum

## ARCADIS

## Maestri Site Semi-Annual Event

Page 1 of 1Well ID: RW-7Project Number: 30120984

Task: \_\_\_\_\_

Date: 5/24/22

Well Headspace PID: \_\_\_\_\_

Sampling Time: 17:55Sampled By: T. DerlethWeather: Sunny

Coded Replicate No.: \_\_\_\_\_

Replicate Type (circle one): Duplicate MS/MSD

## Instrument Identification

|           |     |                        |               |
|-----------|-----|------------------------|---------------|
| Serial #: | PID | Water Quality Meter(s) | <u>051291</u> |
|-----------|-----|------------------------|---------------|

## Purging Information

Casing Material: Steel

Purge Method:(circle one) Submersible Centrifugal Bladder

Casing Diameter: 6" inScreen Interval: From: 384.26 To: 394.26Total Depth: 28.03 ftPump Intake Setting: ~~390.74~~ 390.74

Depth to Product: \_\_\_\_\_ ft

Depth to Water: 17.31 ftTotal Volume Purged: 2.93 galsWater Column: 10.72 ftPump on: 16:50 Off: 17:50Gallons in Well: 15.74 gal

## Field Parameter Measurements Taken During Purging

| Time                | Minutes Elapsed | Rate (ml/min) | Depth to Water | Turbidity (NTUs) | pH (SI Units) | ORP (mV) | Conductivity (MS/cm)3 | Temp (°C) | DO (mg/L) | TDS (mg/L) | Comments |
|---------------------|-----------------|---------------|----------------|------------------|---------------|----------|-----------------------|-----------|-----------|------------|----------|
| Stabilization Range |                 |               | <0.3 ft.       | 10% if >1        | +/- 0.1       | +/- 10   | 3%                    | 3%        | 10%       |            |          |
| 16:50               | 0               | 500           | 17.42          | 53.70            | 7.48          | -76.3    | 0.970                 | 8.9       | 2.06      |            |          |
| 16:55               | 5               | 500           | 18.12          | 4.64             | 7.30          | -101.7   | 0.962                 | 8.8       | 0.92      |            |          |
| 17:00               | 10              | 100           | 17.97          | 4.65             | 7.26          | -100.8   | 0.960                 | 9.4       | 0.90      |            |          |
| 17:05               | 15              | 100           | 17.77          | 4.15             | 7.21          | -102.4   | 0.961                 | 9.7       | 0.73      |            |          |
| 17:10               | 20              | 100           | 17.68          | 4.20             | 7.19          | -103.7   | 0.960                 | 9.6       | 0.66      |            |          |
| 17:15               | 25              | 100           | 17.59          | 4.30             | 7.16          | -101.8   | 0.958                 | 10.0      | 0.64      |            |          |
| 17:20               | 30              | 100           | 17.48          | 3.97             | 7.18          | -103.4   | 0.958                 | 10.8      | 0.61      |            |          |
| 17:25               | 35              | 100           | 17.57          | 4.81             | 7.23          | -108.5   | 0.967                 | 9.3       | 0.47      |            |          |
| 17:30               | 40              | 100           | 17.68          | 4.31             | 7.21          | -110.9   | 0.965                 | 9.1       | 0.43      |            |          |
| 17:35               | 45              | 100           | 17.73          | 4.29             | 7.18          | -111.0   | 0.965                 | 9.2       | 0.42      |            |          |
| 17:40               | 50              | 100           | 17.73          | 4.37             | 7.17          | -116.0   | 0.965                 | 9.3       | 0.42      |            |          |
| 17:45               | 55              | 100           | 17.73          | 4.38             | 7.15          | -109.2   | 0.966                 | 9.3       | 0.40      |            |          |
| 17:50               | 60              | 100           | 17.73          | 4.37             | 7.13          | -107.1   | 0.966                 | 9.4       | 0.42      |            |          |
|                     | 65              |               |                |                  |               |          |                       |           |           |            |          |
|                     | 70              |               |                |                  |               |          |                       |           |           |            |          |

| Number and Type of Bottle | Analytical Parameter | Preservative | Collected |
|---------------------------|----------------------|--------------|-----------|
| 3 - 40 mL Glass Vial      | VOCs - Xylenes       | HCL          |           |
|                           |                      |              |           |
|                           |                      |              |           |
|                           |                      |              |           |
|                           |                      |              |           |

Color: NoneOdor: NoneWell Condition: GoodPurge Water Disposal: 55 gal - Drum

## ARCADIS

Page 1 of 1

## Maestri Site Semi-Annual Event

Well ID: RW-5Project Number: 30120984

Task: \_\_\_\_\_

Date: 5/25Well Headspace PID: NASampling Time: 9:05Sampled By: T. DerlethWeather: Sunny

Coded Replicate No.: \_\_\_\_\_

Replicate Type (circle one): Duplicate MS/MSD

## Instrument Identification

|           |               |                                      |
|-----------|---------------|--------------------------------------|
| Serial #: | PID <u>NA</u> | Water Quality Meter(s) <u>061291</u> |
|-----------|---------------|--------------------------------------|

## Purging Information

Casing Material: SteelPurge Method: (circle one) Submersible Centrifugal BladderCasing Diameter: 6 inScreen Interval: From: 386.17 To: 396.17Total Depth: 25.94 ftPump Intake Setting: 391.17 (16.53 ft)Depth to Product: NA ftWater @ 11.03 ftDepth to Water: 11.08 ftTotal Volume Purged: 21.92 gallonsWater Column: 14.86 ftPump on: 7:50 Off: 9:00Gallons in Well: 21.82 gal

## Field Parameter Measurements Taken During Purging

| Time                      | Minutes Elapsed | Rate (ml/min)        | Depth to Water | Turbidity (NTUs) | pH (SI Units) | ORP (mV)     | Conductivity (MS/cm)3 | Temp (°C) | DO (mg/L) | TDS (mg/L) | Comments |
|---------------------------|-----------------|----------------------|----------------|------------------|---------------|--------------|-----------------------|-----------|-----------|------------|----------|
| Stabilization Range       |                 |                      | <0.3 ft        | 10% if >1        | +/- 0.1       | +/- 10       | 3%                    | 3%        | 10%       |            |          |
| 7:50                      | 0               | 1000                 | 11.24          | 6.84             | 6.74          | 135.5        | 0.701                 | 9.5       | 2.03      |            |          |
| 7:55                      | 5               | 1500                 | 12.29          | 7.35             | 6.70          | 60.1         | 0.707                 | 9.2       | 0.58      |            |          |
| 8:00                      | 10              | 1500                 | 12.70          | 8.74             | 6.69          | 51.2         | 0.734                 | 9.2       | 0.51      |            |          |
| 8:05                      | 15              | 1500                 | 12.98          | 11.45            | 6.70          | 45.8         | 0.752                 | 9.2       | 0.48      |            |          |
| 8:10                      | 20              | 1500                 | 13.16          | 14.15            | 6.70          | 41.6         | 0.765                 | 9.2       | 0.46      |            |          |
| 8:15                      | 25              | 1500                 | 13.28          | 18.22            | 6.70          | 39.1         | 0.781                 | 9.2       | 0.45      |            |          |
| 8:20                      | 30              | 1500                 | 13.37          | 22.53            | 6.71          | 35.9         | 0.784                 | 9.2       | 0.44      |            |          |
| 8:25                      | 35              | 1500                 | 13.49          | 29.09            | 6.71          | 31.9         | 0.800                 | 9.2       | 0.42      |            |          |
| 8:30                      | 40              | 1500                 | 13.56          | 32.25            | 6.71          | 28.9         | 0.817                 | 9.2       | 0.42      |            |          |
| 8:35                      | 45              | 1500                 | 13.64          | 43.82            | 6.72          | 23.7         | 0.815                 | 9.2       | 0.40      |            |          |
| 8:40                      | 50              | 1500                 | 13.67          | 51.55            | 6.72          | 23.8         | 0.833                 | 9.2       | 0.40      |            |          |
| 8:45                      | 55              | 150                  | 13.26          | 46.18            | 6.73          | 20.1         | 0.833                 | 9.6       | 0.40      |            |          |
| 8:50                      | 60              | 150                  | 13.13          | 58.12            | 6.73          | 18.0         | 0.841                 | 9.5       | 0.39      |            |          |
| 8:55                      | 65              | 150                  | 12.97          | 60.48            | 6.73          | 14.6         | 0.840                 | 9.5       | 0.38      |            |          |
| 9:00                      | 70              | 150                  | 12.84          | 62.31            | 6.73          | 14.3         | 0.843                 | 9.4       | 0.38      |            |          |
| Number and Type of Bottle |                 | Analytical Parameter |                |                  |               | Preservative |                       | Collected |           |            |          |
| 3 - 40 mL Glass Vial      |                 | VOCs - Xylenes       |                |                  |               | HCL          |                       |           |           |            |          |
|                           |                 |                      |                |                  |               |              |                       |           |           |            |          |
|                           |                 |                      |                |                  |               |              |                       |           |           |            |          |
|                           |                 |                      |                |                  |               |              |                       |           |           |            |          |
|                           |                 |                      |                |                  |               |              |                       |           |           |            |          |

Color: NoneWell Condition: GoodOdor: NonePurge Water Disposal: 55-gallon drum

## ARCADIS

## Maestri Site Semi-Annual Event

Page 1 of 1  
Well ID: MW-9Project Number: 30120984  
Date: 11/15/12  
Sampling Time: 5:24/22  
Weather: SunnyTask: \_\_\_\_\_  
Well Headspace PID: NA  
Sampled By: T. Derleth  
Coded Replicate No.: \_\_\_\_\_  
Replicate Type (circle one): Duplicate MS/MSD

## Instrument Identification

Serial #: \_\_\_\_\_ PID NA 050510 Water Quality Meter(s) 051291

## Purging Information

Casing Material: PVC  
Casing Diameter: 2 in  
Total Depth: 18.79 ft  
Depth to Product: NA ft  
Depth to Water: 12.09 ft  
Water Column: 6.70 ft  
Gallons in Well: 1.09 galPurge Method:(circle one) Submersible Centrifugal Bladder  
Screen Interval: From: 387 To: 397  
Pump Intake Setting: 16.87 ft 3920  
Water @ 396.78  
Total Volume Purged: 5.94 gallons  
Pump on: 13:50 Off: 14:50

## Field Parameter Measurements Taken During Purging

| Time                | Minutes Elapsed | Rate (ml/min) | Depth to Water | Turbidity (NTUs) | pH (SI Units) | ORP (mV) | Conductivity (MS/cm)3 | Temp (°C) | DO (mg/L) | TDS (mg/L) | Comments |
|---------------------|-----------------|---------------|----------------|------------------|---------------|----------|-----------------------|-----------|-----------|------------|----------|
| Stabilization Range |                 |               | <0.3 ft        | 10% if >1        | +/- 0.1       | +/- 10   | 3%                    | 3%        | 10%       |            |          |
| 13:50               | 0               | 375           | 12.04          | 86.23            | 6.74          | -91.8    | 1.020                 | 11.2      | 2.43      |            |          |
| 13:55               | 5               | 375           | 12.39          | 91.72            | 6.67          | -73.3    | 0.979                 | 10.6      | 1.51      |            |          |
| 14:00               | 10              | 375           | 12.41          | 110.19           | 6.67          | -65.4    | 0.933                 | 10.3      | 1.05      |            |          |
| 14:05               | 15              | 375           | 12.43          | 120.29           | 6.67          | -58.2    | 0.901                 | 10.3      | 0.82      |            |          |
| 14:10               | 20              | 375           | 12.46          | 146.26           | 6.68          | -55.6    | 0.892                 | 10.2      | 0.75      |            |          |
| 14:15               | 25              | 375           | 12.48          | 166.63           | 6.69          | -53.0    | 0.884                 | 10.0      | 0.64      |            |          |
| 14:20               | 30              | 375           | 12.49          | 164.53           | 6.69          | -52.3    | 0.888                 | 10.0      | 0.58      |            |          |
| 14:25               | 35              | 375           | 12.50          | 163.74           | 6.70          | -51.3    | 0.884                 | 10.0      | 0.54      |            |          |
| 14:30               | 40              | 375           | 12.51          | 169.15           | 6.70          | -51.0    | 0.884                 | 10.1      | 0.48      |            |          |
| 14:35               | 45              | 375           | 12.51          | 156.34           | 6.71          | -50.3    | 0.884                 | 10.1      | 0.43      |            |          |
| 14:40               | 50              | 375           | 12.51          | 160.05           | 6.71          | -50.3    | 0.882                 | 10.1      | 0.44      |            |          |
| 14:45               | 55              | 375           | 12.51          | 161.92           | 6.71          | -50.3    | 0.882                 | 10.1      | 0.42      |            |          |
|                     | 60              |               |                |                  |               |          |                       |           |           |            |          |
|                     | 65              |               |                |                  |               |          |                       |           |           |            |          |
|                     | 70              |               |                |                  |               |          |                       |           |           |            |          |

| Number and Type of Bottle | Analytical Parameter | Preservative | Collected |
|---------------------------|----------------------|--------------|-----------|
| 3 - 40 mL Glass Vial      | VOCs - Xylenes       | HCL          |           |
|                           |                      |              |           |
|                           |                      |              |           |
|                           |                      |              |           |
|                           |                      |              |           |

Color: None  
Odor: NoneWell Condition: Good  
Purge Water Disposal: Drum



## ARCADIS

Page 1 of 1

## Maestri Site Semi-Annual Event

Well ID: 111111 RW-10

Project Number: 30120984  
 Date: 5/25/22  
 Sampling Time: 11:15  
 Weather: Sunny

Task: \_\_\_\_\_  
 Well Headspace PID: \_\_\_\_\_  
 Sampled By: T. Derleth  
 Coded Replicate No.: \_\_\_\_\_  
 Replicate Type (circle one): Duplicate MS/MSD

## Instrument Identification

|           |     |                        |
|-----------|-----|------------------------|
| Serial #: | PID | Water Quality Meter(s) |
|-----------|-----|------------------------|

## Purging Information

Casing Material: Steel  
 Casing Diameter: 6 in  
 Total Depth: 19.53 ft  
 Depth to Product: NA ft  
 Depth to Water: 5.04 ft  
 Water Column: 14.49 ft  
 Gallons in Well: 21.28 gal

Purge Method: (circle one) Submersible Centrifugal Bladder  
 Screen Interval: From: 374.74 To: 384.74  
 Pump Intake Setting: 14.5 ft  
 Total Volume Purged: 28.79 gallons  
 Pump on: 10:10 Off: 11:10

## Field Parameter Measurements Taken During Purging

| Time                | Minutes Elapsed | Rate (ml/min) | Depth to Water | Turbidity (NTUs) | pH (SI Units) | ORP (mV) | Conductivity (MS/cm)3 | Temp (°C) | DO (mg/L) | TDS (mg/L) | Comments |
|---------------------|-----------------|---------------|----------------|------------------|---------------|----------|-----------------------|-----------|-----------|------------|----------|
| Stabilization Range |                 |               | <0.3 ft.       | 10% if >1        | +/- 0.1       | +/- 10   | 3%                    | 3%        | 10%       |            |          |
| 10:10               | 0               | 950           | 5.71           | 16.40            | 7.64          | -100.8   | 1.444                 | 9.4       | 1.11      |            |          |
| 10:15               | 5               | 950           | 6.03           | 14.81            | 7.62          | -114.0   | 1.433                 | 9.3       | 0.63      |            |          |
| 10:20               | 10              | 2000          | 6.28           | 17.21            | 7.65          | -123.0   | 1.431                 | 9.1       | 0.49      |            |          |
| 10:25               | 15              | 2000          | 6.42           | 26.15            | 7.69          | -129.8   | 1.449                 | 9.0       | 0.44      |            |          |
| 10:30               | 20              | 2000          | 6.43           | 32.22            | 7.72          | -134.0   | 1.011                 | 9.0       | 0.42      |            |          |
| 10:35               | 25              | 2000          | 6.44           | 36.31            | 7.74          | -137.2   | 1.017                 | 9.0       | 0.40      |            |          |
| 10:40               | 30              | 2000          | 6.45           | 42.91            | 7.74          | -138.4   | 1.480                 | 9.0       | 0.39      |            |          |
| 10:45               | 35              | 2000          | 6.41           | 48.51            | 7.76          | -139.6   | 1.491                 | 9.1       | 0.38      |            |          |
| 10:50               | 40              | 2000          | 6.20           | 20.01            | 7.75          | -117.7   | 1.517                 | 9.0       | 0.91      |            |          |
| 10:55               | 45              | 2000          | 6.52           | 22.38            | 7.74          | -134.2   | 1.521                 | 9.1       | 0.41      |            |          |
| 11:00               | 50              | 2000          | 6.53           | 27.04            | 7.74          | -138.6   | 1.551                 | 9.0       | 0.37      |            |          |
| 11:05               | 55              | 950           | 6.47           | 26.83            | 7.74          | -140.8   | 1.556                 | 9.1       | 0.37      |            |          |
| 11:10               | 60              | 950           | 6.43           | 26.91            | 7.74          | -138.9   | 1.554                 | 9.1       | 0.37      |            |          |
| 11:15               | 65              |               |                |                  |               |          |                       |           |           |            |          |
|                     | 70              |               |                |                  |               |          |                       |           |           |            |          |

| Number and Type of Bottle | Analytical Parameter | Preservative | Collected |
|---------------------------|----------------------|--------------|-----------|
| 3 - 40 mL Glass Vial      | VOCs - Xylenes       | HCL          |           |
|                           |                      |              |           |
|                           |                      |              |           |
|                           |                      |              |           |
|                           |                      |              |           |

Color: None  
 Odor: None

Well Condition: Good  
 Purge Water Disposal: 55 gal. Drum

# Appendix I

## **Institutional and Engineering Controls Certification Form**



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.**            **734025**

**Site Name** **Maestri Site**

Site Address: 900 State Fair Boulevard      Zip Code: 13209  
City/Town: Solvay  
County: Onondaga  
Site Acreage: 2.510

Reporting Period: January 15, 2022 to January 15, 2023

YES    NO

1. Is the information above correct? X      ☐

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? X      ☐

3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))? ☐      X

4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? ☐      X

**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? ☐      X

**Box 2**

YES    NO

6. Is the current site use consistent with the use(s) listed below? X      ☐  
Residential, Restricted-Residential, Commercial, and Industrial

7. Are all ICs in place and functioning as designed? X      ☐

**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**

| <u>Parcel</u>      | <u>Owner</u> | <u>Institutional Control</u> |
|--------------------|--------------|------------------------------|
| <b>023-13-36.1</b> | Mark Maestri | Site Management Plan         |

The Site was remediated in accordance with the NYSDEC-approved Interim Remedial Measure Work Plan dated September 1992, the Remedial Action Work Plan dated December 1994 and the Record of Decision dated March 1995. Remedial action work on the Site began in June 1996, and was completed in May 2008.

The following is a summary of the Remedial Actions performed at the Site.

- 1) Excavation of soil/fill quantity exceeding the Soil Cleanup Objectives (SCOs)
- 2) Treatment of excavated soils (approximately 10,000 cubic yards) by SVE/bioremediation techniques in above grade biopiles. Treated soils were placed back into excavated areas.
- 3) Construction and maintenance of a soil cover system consisting of three (3) inches of loam and six (6) inches of topsoil.
- 4) Treatment of groundwater exceeding groundwater cleanup levels through operation of a groundwater recovery and treatment system.
- 5) Monitoring of the soil cover and groundwater to ensure compliance with clean up objectives.

A Site Management Plan (SMP) was approved in August 2010 to manage remaining contamination at the Site in perpetuity or until extinguishment of the Declaration of Covenants and Restrictions in accordance with ECL Article 71, Title 36. The Site contains remaining contamination after completion of the remedial action. There is no designated "Remaining Contamination Zone" on-site. The contaminated soil was treated to meet Site remedial objectives listed in the ROD. Operation and monitoring of the groundwater recovery system until 2008 has demonstrated decreasing trends of Site contaminants in the monitoring and recovery wells. The groundwater treatment system was shut down based on approval from NYSDEC after sampling results indicated that contaminants remaining in groundwater have decreased to asymptotic levels and the system was no longer effectively removing remaining contamination. The remedial party (RP) will continue to monitor groundwater on a semiannual basis to account for fluctuations in the groundwater table.

Engineering Controls have been incorporated into the Site remedy to provide proper management of remaining contamination in the future to ensure protection of public health and the environment. The site has the following Engineering Controls: 1) maintenance of the soil cover over the soil redeposition areas, consisting of three (3) inches of loam, six (6) inches of top soil, and grass, and 2) continuous monitoring of groundwater.

An Environmental Notice has been prepared that provides an enforceable legal instrument to ensure compliance with the SMP and all ECs and ICs placed on the Site. The EN was filed with Onondaga County in April 2011. The EN includes the following controls:

- 1) All Engineering Controls must be operated and maintained as specified in the SMP;
- 2) All Engineering Controls on the Site must be inspected and certified at a frequency and in a manner defined in the SMP;
- 3) Groundwater monitoring must be performed as defined in the SMP;
- 4) Data and information pertinent to Site Management for the Controlled Property must be reported at the frequency and in a manner defined in this SMP;
- 5) On-site environmental monitoring devices, including but not limited to, groundwater monitoring wells must be protected and replaced as necessary to ensure continued functioning in the manner specified in the SMP.
- 6) Vegetable gardens and farming on the property are prohibited;
- 7) Use of groundwater underlying the property is prohibited without treatment rendering it safe for the intended use as approved by NYSDOH;
- 8) The topsoil cover over the excavated areas acts as a cover system at the property. Disturbance and incidental damage to this cover system shall be repaired upon discovery in a manner that complies with the SMP.
- 9) All future activities on the property that would disturb remaining contaminated material must be

conducted in accordance with the Excavation Plan included in the SMP.

10) The potential for vapor intrusion must be evaluated for any buildings developed on the Site, and any potential impacts that are identified must be mitigated;

11) The property may be used for residential use, provided that the long-term Engineering and Institutional Controls described in the SMP remain in use and land zoning regulations are followed.

**Box 4**

**Description of Engineering Controls**

Parcel

Engineering Control

**023-13-36.1**

Cover System

Fencing/Access Control

### 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 Engineering Control 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

X ☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

(a) The 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

X ☐

**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. 734025**

**Box 6**

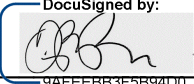
**SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE**

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 John-Paul Rossi at 1800 Concord Pike, Wilmington, Delaware 19850,  
print name print business address

am certifying as Remedial Party (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

DocuSigned by:  
  
9AFEEBB3F5B94D0

2/14/2023

Signature of Owner, Remedial Party, or Designated Representative  
Rendering Certification

Date

## EC CERTIFICATIONS

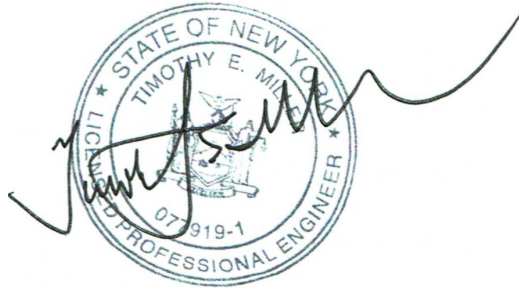
**Box 7**

### 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 Timothy Miller at 110 West Fayette Street, 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)

2/14/2023

\_\_\_\_\_  
Date



**Enclosure 3**  
**Periodic Review Report (PRR) General Guidance**

- I. Executive Summary: (1/2-page or less)
  - A. Provide a brief summary of site, nature and extent of contamination, and remedial history.
  - B. Effectiveness of the Remedial Program - Provide overall conclusions regarding;
    - 1. progress made during the reporting period toward meeting the remedial objectives for the site
    - 2. the ultimate ability of the remedial program to achieve the remedial objectives for the site.
  - C. Compliance
    - 1. Identify any areas of non-compliance regarding the major elements of the Site Management Plan (SMP, i.e., the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan).
    - 2. Propose steps to be taken and a schedule to correct any areas of non-compliance.
  - D. Recommendations
    - 1. recommend whether any changes to the SMP are needed
    - 2. recommend any changes to the frequency for submittal of PRRs (increase, decrease)
    - 3. recommend whether the requirements for discontinuing site management have been met.
- II. Site Overview (one page or less)
  - A. Describe the site location, boundaries (figure), significant features, surrounding area, and the nature and extent of contamination prior to site remediation.
  - B. Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.
- III. Evaluate Remedy Performance, Effectiveness, and Protectiveness  
Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.
- IV. IC/EC Plan Compliance Report (if applicable)
  - A. IC/EC Requirements and Compliance
    - 1. Describe each control, its objective, and how performance of the control is evaluated.
    - 2. Summarize the status of each goal (whether it is fully in place and its effectiveness).
    - 3. Corrective Measures: describe steps proposed to address any deficiencies in ICECs.
    - 4. Conclusions and recommendations for changes.
  - B. IC/EC Certification
    - 1. The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).
- V. Monitoring Plan Compliance Report (if applicable)
  - A. Components of the Monitoring Plan (tabular presentations preferred) - Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.
  - B. Summary of Monitoring Completed During Reporting Period - Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.
  - C. Comparisons with Remedial Objectives - Compare the results of all monitoring with the remedial objectives for the site. Include trend analyses where possible.
  - D. Monitoring Deficiencies - Describe any ways in which monitoring did not fully comply with the monitoring plan.
  - E. Conclusions and Recommendations for Changes - Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.
- VI. Operation & Maintenance (O&M) Plan Compliance Report (if applicable)
  - A. Components of O&M Plan - Describe the requirements of the O&M plan including required activities, frequencies, recordkeeping, etc.
  - B. Summary of O&M Completed During Reporting Period - Describe the O&M tasks actually completed during this PRR reporting period.
  - C. Evaluation of Remedial Systems - Based upon the results of the O&M activities completed, evaluated

the ability of each component of the remedy subject to O&M requirements to perform as designed/expected.

- D. O&M Deficiencies - Identify any deficiencies in complying with the O&M plan during this PRR reporting period.
- E. Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&M for the site and identify any suggested improvements requiring changes in the O&M Plan.

#### VII. Overall PRR Conclusions and Recommendations

- A. Compliance with SMP - For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize;
  - 1. whether all requirements of each plan were met during the reporting period
  - 2. any requirements not met
  - 3. proposed plans and a schedule for coming into full compliance.
- B. Performance and Effectiveness of the Remedy - Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.
- C. Future PRR Submittals
  - 1. Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).
  - 2. If the requirements for site closure have been achieved, contact the Departments Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.

#### VIII. Additional Guidance

Additional guidance regarding the preparation and submittal of an acceptable PRR can be obtained from the Departments Project Manager for the site.

15:49

◀ Mail



This document is now complete.

CLOSE

Lot# 76

## PUBLIC AUCTION CONTRACT

I HAVE, ON OCTOBER 11, 2022, PURCHASED TAX TITLE TO THE PREMISES HEREINAFTER DESCRIBED FROM THE COUNTY OF ONONDAGA PUBLIC AUCTION:

FINAL PURCHASE BID AMOUNT: \$ 6,200.00PLUS A 6% BUYER'S PREMIUM: \$ 372.00AND AN ADMINISTRATIVE FEE OF: \$ 360.00FOR A TOTAL OF: \$ 6,932.00

DOWN PAYMENT OF \$10,000. (OR)

TOTAL DUE \$ 6,932.00THE BALANCE OF: \$ 0

\*IS TO BE PAID WITH CERTIFIED FUNDS  
TO THE CHIEF FISCAL OFFICER AT THE  
CIVIC CENTER (15<sup>TH</sup> FLOOR) ON OR BEFORE 3  
P.M., FRIDAY OCTOBER 14<sup>TH</sup>

TIME IS OF THE ESSENCE IN MAKING ALL PAYMENTS. FAILURE TO DO SO WILL RESULT IN AN IMMEDIATE DEFAULT AND LOSS OF ANY DEPOSITS PREVIOUSLY MADE BY THE PURCHASER ON THIS CONTRACT. PURCHASER SHALL BE RESPONSIBLE FOR CURRENT 2022/2023 SCHOOL TAX BILL, 2022/2023 VILLAGE TAX BILL (IF APPLICABLE), OTHER MUNICIPAL CHARGES LEVIED AGAINST THE PROPERTIES; APPLICABLE PENALTIES DUE ARE THE SOLE RESPONSIBILITY OF THE PURCHASER.

I AUTHORIZE THE COUNTY OF ONONDAGA FINANCE DEPARTMENT TO RECORD MY DEED IN THE COUNTY CLERKS OFFICE ON MY BEHALF. THE NAME(S) SIGNED BELOW WILL APPEAR ON THE DEED AS IS.

THE PREMISES ARE:

TAX MAP NO. 023-13-36-1 ASSESSED TO: MaestriLOCATED AT: 900 State Fair Boulevard TOWN OF: Geddes

I HEREBY REPRESENT THAT THE PREMISES HEREIN DESCRIBED ARE NOT CURRENTLY ASSESSED TO ME, NOR AM I ACTING AS AN AGENT OR FOR THE PROPERTY OWNER TO WHOM SAID PREMISES ARE ASSESSED. I ACKNOWLEDGE THAT TO ACT IN SUCH CAPACITY IS IN DIRECT VIOLATION OF THE TERMS OF SALE AND, IN ADDITION TO RENDERING THE PURCHASE HEREIN NULL AND VOID, WILL SUBJECT ME TO WHATEVER REMEDIES ARE AVAILABLE TO THE COUNTY AT LAW.

**DISCLOSURE OF INFORMATION ON LEAD-BASED PAINT AND LEAD-BASED HAZARDS. (FOR PROPERTIES DESIGNATED AS "HOUSING" BUILT PRIOR TO 1978) I acknowledge receipt of all materials regarding lead paint hazards. I understand that no testing has been done by the County of Onondaga regarding lead paint and I agree to take the property as is without further testing.**

The Bidder Certification Form and Terms of Sale are incorporated into this contract and I agree to be bound by them.

SOCIAL SECURITY #: \_\_\_\_\_ FEDERAL EIN: \_\_\_\_\_

NAME OF PERSON OR LLC AS IT SHOULD APPEAR ON THE DEED: Hasan BerberPURCHASER: Hasan berber SINGLE MEMBER LLC: \_\_\_\_\_ADDRESS: 242 north park st Belleville ontario k8p2z1 CanadaTELEPHONE: (CELL): 613-242-1444 (WORK/HOME): \_\_\_\_\_SIGNATURE:  DATE: 10/12/2022BID # 89

LOT76.pdf

2 of 3

DocuSign Envelope ID: 99928017-3B0D-4472-86C0-848B93986280

Thank you for your business!

Sale  
10/11/2022 11:19:13 AM

Brzostek Real Estate & Auction Service  
80 Smoker Hollow Rd

AA

na4.docusign.net

